

MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate DOUBLE REDUCTION

**SIZE: MW382
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
9.8	Output RPM	352	179	118	352	179	118	352	179	118	352	179	118
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.24	11.19	7.45	5.23
	Output Torque, In-Lb	712	712	712	867	867	867	1765	1765	1723	2002	2630	2784
	OHL Input Shaft (A)	(A)	218	218	(A)	346	360	(A)	456	475	(A)	713	742
	OHL Output Shaft (B)	(A)	678	704	(A)	678	704	(A)	678	704	(A)	678	704
11.39	Output RPM	303	154	102	303	154	102	303	154	102	303	154	102
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.07	10.37	6.91	4.72
	Output Torque, In-Lb	828	828	828	1008	1008	1008	2053	2053	1902	2159	2836	2921
	OHL Input Shaft (A)	(A)	217	219	(A)	346	360	(A)	456	475	(A)	714	742
	OHL Output Shaft (B)	(A)	704	704	(A)	704	704	(A)	704	704	(A)	704	704
12.64	Output RPM	273	138	92	273	138	92	273	138	92	273	138	92
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.83	5.00	2.95	9.83	6.42	4.25
	Output Torque, In-Lb	919	919	919	1119	1119	1119	2269	2277	2029	2269	2921	2921
	OHL Input Shaft (A)	(A)	219	219	(A)	346	360	(A)	455	475	(A)	714	743
	OHL Output Shaft (B)	(A)	704	706	(A)	704	706	(A)	704	706	(A)	704	706
13.76	Output RPM	251	127	84	251	127	84	251	127	84	251	127	84
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.39	4.99	2.85	9.39	5.89	3.91
	Output Torque, In-Lb	1001	1001	1001	1218	1218	1218	2361	2473	2134	2361	2921	2921
	OHL Input Shaft (A)	(A)	219	219	(A)	346	360	(A)	454	475	(A)	714	743
	OHL Output Shaft (B)	673	704	706	673	704	706	673	704	706	673	704	706
15.39	Output RPM	224	114	75	224	114	75	224	114	75	224	114	75
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	8.83	4.75	2.72	8.83	5.27	3.49
	Output Torque, In-Lb	1119	1119	1119	1363	1363	1363	2483	2634	2272	2483	2921	2921
	OHL Input Shaft (A)	(A)	218	218	(A)	346	360	(A)	454	475	(A)	709	738
	OHL Output Shaft (B)	678	704	706	678	704	706	678	704	706	678	704	706
16.83	Output RPM	205	104	69	205	104	69	205	104	69	205	104	69
	Input HP (Max) (C)	3.98	2.02	1.33	4.85	2.46	1.63	8.4	4.56	2.61	8.4	4.82	3.19
	Output Torque, In-Lb	1224	1224	1215	1490	1490	1490	2583	2763	2384	2583	2921	2921
	OHL Input Shaft (A)	(A)	217	217	(A)	346	360	(A)	454	475	(A)	708	738
	OHL Output Shaft (B)	678	704	706	678	704	706	678	704	706	678	704	706
18.47	Output RPM	187	95	63	187	95	63	187	95	63	187	95	63
	Input HP (Max) (C)	3.91	2.02	1.27	4.85	2.46	1.63	7.96	4.36	2.49	7.96	4.39	2.91
	Output Torque, In-Lb	1319	1343	1278	1635	1635	1635	2687	2899	2502	2687	2921	2921
	OHL Input Shaft (A)	(A)	218	217	(A)	345	359	(A)	454	475	(A)	710	739
	OHL Output Shaft (B)	678	706	906	678	706	906	678	706	906	678	706	906
20.37	Output RPM	169	86	57	169	86	57	169	86	57	169	86	57
	Input HP (Max) (C)	3.65	1.98	1.21	4.85	2.46	1.63	7.53	3.98	2.37	7.53	3.98	2.64
	Output Torque, In-Lb	1357	1453	1344	1803	1803	1803	2801	2921	2627	2801	2921	2921
	OHL Input Shaft (A)	(A)	217	217	(A)	345	359	(A)	455	475	(A)	711	740
	OHL Output Shaft (B)	678	706	906	678	706	906	678	706	906	678	706	906

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-98	THERMAL RATINGS PAGE MSM-242
----------------------------	---	---------------------------	---------------------------------

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

DOUBLE REDUCTION

SIZE: MW382

60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
22.58	Output RPM	153	78	51	153	78	51	153	78	51	153	78	51
	Input HP (Max) (C)	3.38	1.84	1.15	4.85	2.46	1.56	7.08	3.59	2.25	7.08	3.59	2.38
	Output Torque, In-Lb	1395	1494	1414	1998	1998	1915	2921	2921	2763	2921	2921	2921
	OHL Input Shaft (A)	218	217	(A)	344	359	(A)	456	475	(A)	712	741	741
	OHL Output Shaft (B)	704	706	906	704	706	906	704	706	906	704	706	906
25.58	Output RPM	135	68	45	135	68	45	135	68	45	135	68	45
	Input HP (Max) (C)	3.08	1.67	1.08	4.85	2.46	1.46	6.25	3.17	2.10	6.25	3.17	2.10
	Output Torque, In-Lb	1439	1541	1498	2264	2264	2024	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	218	218	(A)	344	359	(A)	456	475	(A)	713	742	742
	OHL Output Shaft (B)	704	706	906	704	706	906	704	706	906	704	706	906
28.22	Output RPM	122	62	41	122	62	41	122	62	41	122	62	41
	Input HP (Max) (C)	2.85	1.55	1.02	4.85	2.37	1.38	5.66	2.87	1.90	5.66	2.87	1.90
	Output Torque, In-Lb	1471	1576	1565	2498	2407	2112	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	218	218	(A)	343	359	(A)	457	475	(A)	714	743	743
	OHL Output Shaft (B)	704	906	906	704	906	906	704	906	906	704	906	906
31.91	Output RPM	108	55	36	108	55	36	108	55	36	108	55	36
	Input HP (Max) (C)	2.59	1.41	0.95	4.85	2.21	1.28	5.01	2.54	1.68	5.01	2.54	1.68
	Output Torque, In-Lb	1509	1616	1650	2824	2536	2225	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	218	218	(A)	343	359	(A)	457	475	(A)	714	743	743
	OHL Output Shaft (B)	704	906	962	704	906	962	704	906	962	704	906	962
36.43	Output RPM	95	48	32	95	48	32	95	48	32	---	---	---
	Input HP (Max) (C)	2.32	1.26	0.87	4.39	2.03	1.18	4.39	2.23	1.48	---	---	---
	Output Torque, In-Lb	1546	1656	1717	2921	2669	2342	2921	2921	2921	---	---	---
	OHL Input Shaft (A)	219	219	(A)	344	359	(A)	457	472	---	---	---	---
	OHL Output Shaft (B)	706	906	962	706	906	962	706	906	962	---	---	---
38.19	Output RPM	90	46	30	90	46	30	90	46	30	---	---	---
	Input HP (Max) (C)	2.71	1.47	1.01	2.91	1.93	1.28	2.91	1.93	1.28	---	---	---
	Output Torque, In-Lb	1890	2026	2100	2031	2655	2655	2031	2655	2655	---	---	---
	OHL Input Shaft (A)	210	210	(A)	346	359	(A)	457	475	---	---	---	---
	OHL Output Shaft (B)	706	906	962	706	906	962	706	906	962	---	---	---
43.43	Output RPM	79	40	27	79	40	27	79	40	27	---	---	---
	Input HP (Max) (C)	2.45	1.33	0.92	2.69	1.70	1.13	2.69	1.70	1.13	---	---	---
	Output Torque, In-Lb	1946	2086	2162	2132	2655	2655	2132	2655	2655	---	---	---
	OHL Input Shaft (A)	210	210	(A)	346	360	(A)	457	475	---	---	---	---
	OHL Output Shaft (B)	706	906	962	706	906	962	706	906	962	---	---	---
49.56	Output RPM	70	35	23	70	35	23	70	35	23	---	---	---
	Input HP (Max) (C)	2.21	1.20	0.83	2.47	1.49	0.99	2.47	1.49	0.99	---	---	---
	Output Torque, In-Lb	2000	2143	2222	2239	2655	2655	2239	2655	2655	---	---	---
	OHL Input Shaft (A)	210	210	(A)	346	360	(A)	457	475	---	---	---	---
	OHL Output Shaft (B)	706	962	962	706	962	962	706	962	962	---	---	---

(A) (B) (C) - See Footnote page on inside back cover

NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-98	THERMAL RATINGS PAGE MSM-242
----------------------------	---	---------------------------	---------------------------------

QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate DOUBLE REDUCTION

SIZE: MW382
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
55.84	Output RPM	62	31	21	62	31	21	62	31	21	---	---	---
	Input HP (Max) (C)	2.00	1.09	0.75	2.29	1.32	0.88	2.29	1.32	0.88	---	---	---
	Output Torque, In-Lb	2045	2191	2271	2338	2655	2655	2338	2655	2655	---	---	---
	OHL Input Shaft (A)	211	219	(A)	346	360	(A)	457	476	---	---	---	---
	OHL Output Shaft (B)	906	962	962	906	962	962	906	962	962	---	---	---
62.40	Output RPM	55	28	19	55	28	19	55	28	19	---	---	---
	Input HP (Max) (C)	1.83	0.99	0.68	2.13	1.18	0.78	2.13	1.18	0.78	---	---	---
	Output Torque, In-Lb	2083	2232	2314	2433	2655	2655	2433	2655	2655	---	---	---
	OHL Input Shaft (A)	211	219	(A)	346	360	(A)	457	476	---	---	---	---
	OHL Output Shaft (B)	906	962	962	906	962	962	906	962	962	---	---	---
71.18	Output RPM	48	25	16	48	25	16	---	---	---	---	---	---
	Input HP (Max) (C)	1.63	0.89	0.61	1.79	1.04	0.67	---	---	---	---	---	---
	Output Torque, In-Lb	2125	2277	2361	2333	2655	2579	---	---	---	---	---	---
	OHL Input Shaft (A)	211	219	(A)	346	360	---	---	---	---	---	---	---
	OHL Output Shaft (B)	906	962	962	906	962	962	---	---	---	---	---	---
80.17	Output RPM	43	22	14	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	1.34	0.80	0.5	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	1963	2314	2169	---	---	---	---	---	---	---	---	---
	OHL Input Shaft (A)	211	220	---	---	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	962	962	962	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-98	THERMAL RATINGS PAGE MSM-242
----------------------------	---	---------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate TRIPLE REDUCTION

**SIZE: MW383
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160
40.04	Output RPM	86	44	29	86	44	29	86	44	29
	Input HP (Max) (C)	3.96	2.02	1.34	3.96	2.03	1.34	3.96	2.03	1.34
	Output Torque, In-Lb	2895	2911	2911	2895	2921	2921	2895	2921	2921
	OHL Input Shaft (A)	209	218	218	(A)	346	360	(A)	453	471
	OHL Output Shaft (B)	706	906	962	706	906	962	706	906	962
44.05	Output RPM	78	40	26	78	40	26	78	40	26
	Input HP (Max) (C)	3.63	1.84	1.22	3.63	1.84	1.22	3.63	1.84	1.22
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	210	218	218	(A)	343	357	(A)	453	471
	OHL Output Shaft (B)	706	962	962	706	962	962	706	962	962
51.16	Output RPM	67	34	23	67	34	23	67	34	23
	Input HP (Max) (C)	3.12	1.59	1.05	3.12	1.59	1.05	3.12	1.59	1.05
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	210	218	218	(A)	343	357	(A)	455	473
	OHL Output Shaft (B)	706	962	962	706	962	962	706	962	962
55.40	Output RPM	62	32	21	62	32	21	62	32	21
	Input HP (Max) (C)	2.89	1.46	0.97	2.89	1.46	0.97	2.89	1.46	0.97
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	210	219	219	(A)	344	358	(A)	455	474
	OHL Output Shaft (B)	906	962	962	906	962	962	906	962	962
62.66	Output RPM	55	28	19	55	28	19	55	28	19
	Input HP (Max) (C)	2.55	1.29	0.86	2.55	1.29	0.86	2.55	1.29	0.86
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	211	219	219	(A)	345	359	(A)	456	474
	OHL Output Shaft (B)	906	962	962	906	962	962	906	962	962
68.86	Output RPM	50	25	17	50	25	17	50	25	17
	Input HP (Max) (C)	2.32	1.18	0.78	2.32	1.18	0.78	2.32	1.18	0.78
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	211	219	219	(A)	345	359	(A)	456	475
	OHL Output Shaft (B)	906	962	962	906	962	962	906	962	962
75.95	Output RPM	45	23	15	45	23	15	45	23	15
	Input HP (Max) (C)	2.11	1.07	0.71	2.11	1.07	0.71	2.11	1.07	0.71
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	211	220	220	(A)	346	359	(A)	457	475
	OHL Output Shaft (B)	906	962	962	906	962	962	906	962	962
84.13	Output RPM	41	21	14	41	21	14	41	21	14
	Input HP (Max) (C)	1.90	0.96	0.64	1.90	0.96	0.64	1.90	0.96	0.64
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	211	220	220	(A)	346	360	(A)	457	475
	OHL Output Shaft (B)	906	962	962	906	962	962	906	962	962
93.67	Output RPM	37	19	12	37	19	12	37	19	12
	Input HP (Max) (C)	1.71	0.87	0.57	1.71	0.87	0.57	1.71	0.87	0.57
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	211	220	220	(A)	346	360	(A)	457	475
	OHL Output Shaft (B)	962	962	962	962	962	962	962	962	962

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-98	THERMAL RATINGS PAGE MSM-242
----------------------------	---	---------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
TRIPLE REDUCTION

SIZE: MW383
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160
107.49	Output RPM	32	16	11	32	16	11	32	16	11
	Input HP (Max) (C)	1.49	0.75	0.50	1.49	0.75	0.50	1.49	0.75	0.50
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	211	220	(A)	346	360	(A)	457	475	(A)
	OHL Output Shaft (B)	962	962	962	962	962	962	962	962	962
118.98	Output RPM	29	15	10	29	15	10	29	15	10
	Input HP (Max) (C)	1.34	0.68	0.45	1.34	0.68	0.45	1.34	0.68	0.45
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	210	218	(A)	346	360	(A)	457	475	(A)
	OHL Output Shaft (B)	962	962	962	962	962	962	962	962	962
135.32	Output RPM	25	13	9	25	13	9	25	13	9
	Input HP (Max) (C)	1.18	0.60	0.40	1.18	0.60	0.40	1.18	0.60	0.40
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	210	218	(A)	346	360	(A)	457	476	(A)
	OHL Output Shaft (B)	962	962	962	962	962	962	962	962	962
154.43	Output RPM	22	11	8	22	11	8	22	11	8
	Input HP (Max) (C)	1.04	0.53	0.35	1.04	0.53	0.35	1.04	0.53	0.35
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	210	219	(A)	346	360	(A)	457	476	(A)
	OHL Output Shaft (B)	962	962	962	962	962	962	962	962	962
173.99	Output RPM	20	10	7	20	10	7	20	10	7
	Input HP (Max) (C)	0.92	0.47	0.31	0.92	0.47	0.31	0.92	0.47	0.31
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	211	219	(A)	346	360	(A)	457	476	(A)
	OHL Output Shaft (B)	962	962	962	962	962	962	962	962	962
194.43	Output RPM	18	9	6	18	9	6	18	9	6
	Input HP (Max) (C)	0.82	0.42	0.28	0.82	0.42	0.28	0.82	0.42	0.28
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	2921	2921	2921
	OHL Input Shaft (A)	211	219	(A)	346	360	(A)	457	476	(A)
	OHL Output Shaft (B)	962	962	962	962	962	962	962	962	962
221.77	Output RPM	16	8	5	16	8	5	---	---	---
	Input HP (Max) (C)	0.72	0.37	0.24	0.72	0.37	0.24	---	---	---
	Output Torque, In-Lb	2921	2921	2921	2921	2921	2921	---	---	---
	OHL Input Shaft (A)	211	219	(A)	346	360	---	---	---	---
	OHL Output Shaft (B)	962	962	962	962	962	962	---	---	---
249.78	Output RPM	14	7	5	---	---	---	---	---	---
	Input HP (Max) (C)	0.64	0.32	0.22	---	---	---	---	---	---
	Output Torque, In-Lb	2921	2921	2921	---	---	---	---	---	---
	OHL Input Shaft (A)	211	219	---	---	---	---	---	---	---
	OHL Output Shaft (B)	962	962	962	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-98	THERMAL RATINGS PAGE MSM-242
----------------------------	---	---------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

DOUBLE REDUCTION

SIZE: MW482

60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
7.95	Output RPM	---	---	---	434	220	146	434	220	146	434	220	146	434	220	146
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.86	5.00	3.32	11.22	7.70	5.44	11.22	7.70	5.44
	Output Torque, In-Lb	---	---	---	703	703	703	1432	1432	1432	1628	2205	2348	1628	2205	2348
	OHL Input Shaft	---	---	---	(A)	346	360	(A)	453	471	(A)	710	738	(A)	843	877
	OHL Output Shaft (B)	---	---	---	(A)	1025	1098	(A)	1025	1098	(A)	1025	1098	(A)	1025	1098
9.55	Output RPM	---	---	---	361	183	122	361	183	122	361	183	122	361	183	122
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.86	5.00	3.32	10.30	7.07	4.99	10.30	7.07	4.99
	Output Torque, In-Lb	---	---	---	845	845	845	1720	1720	1720	1796	2432	2590	1796	2432	2590
	OHL Input Shaft	---	---	---	(A)	346	360	(A)	454	472	(A)	711	738	(A)	843	877
	OHL Output Shaft (B)	---	---	---	(A)	1025	1098	(A)	1025	1098	(A)	1025	1098	(A)	1025	1098
11.24	Output RPM	---	---	---	307	156	103	307	156	103	307	156	103	307	156	103
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.50	5.00	3.32	9.50	6.53	4.61	9.50	6.53	4.61
	Output Torque, In-Lb	---	---	---	995	995	995	1951	2025	2025	1951	2642	2814	1951	2642	2814
	OHL Input Shaft	---	---	---	(A)	346	360	(A)	452	470	(A)	708	738	(A)	843	877
	OHL Output Shaft (B)	---	---	---	(A)	1098	1098	(A)	1098	1098	(A)	1098	1098	(A)	1098	1098
12.59	Output RPM	274	139	92	274	139	92	274	139	92	274	139	92	274	139	92
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	8.97	5.00	3.32	8.97	6.16	4.35	8.97	6.16	4.35
	Output Torque, In-Lb	916	916	916	1115	1115	1115	2063	2269	2269	2063	2793	2975	2063	2793	2975
	OHL Input Shaft	(A)	210	227	(A)	346	360	(A)	456	474	(A)	708	738	(A)	843	877
	OHL Output Shaft (B)	(A)	1098	1135	(A)	1098	1135	(A)	1098	1135	(A)	1098	1135	(A)	1098	1135
14.11	Output RPM	244	124	82	244	124	82	244	124	82	244	124	82	244	124	82
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	8.44	5.00	3.25	8.44	5.80	4.10	8.44	5.80	4.10
	Output Torque, In-Lb	1026	1026	1026	1249	1249	1249	2177	2543	2494	2177	2948	3140	2177	2948	3140
	OHL Input Shaft	(A)	210	226	(A)	346	360	(A)	456	474	(A)	708	738	(A)	844	877
	OHL Output Shaft (B)	1025	1098	1135	1025	1098	1135	1025	1098	1135	1025	1098	1135	1025	1098	1135
15.41	Output RPM	224	114	75	224	114	75	224	114	75	224	114	75	224	114	75
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	8.06	5.00	3.14	8.06	5.53	3.91	8.06	5.53	3.91
	Output Torque, In-Lb	1120	1120	1120	1364	1364	1364	2267	2776	2629	2267	3070	3270	2267	3070	3270
	OHL Input Shaft	(A)	210	228	(A)	346	360	(A)	455	475	(A)	709	739	(A)	844	877
	OHL Output Shaft (B)	1025	1098	1135	1025	1098	1135	1025	1098	1135	1025	1098	1135	1025	1098	1135
16.63	Output RPM	207	105	70	207	105	70	207	105	70	207	105	70	207	105	70
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.72	5.00	3.24	9.72	6.48	4.55	9.72	6.48	4.55
	Output Torque, In-Lb	1209	1209	1209	1472	1472	1472	2955	2997	2925	2955	3882	4108	2955	3882	4108
	OHL Input Shaft	(A)	209	218	(A)	346	360	(A)	456	474	(A)	709	736	(A)	810	842
	OHL Output Shaft (B)	1025	1098	1135	1025	1098	1135	1025	1098	1135	1025	1098	1135	1025	1098	1135
19.34	Output RPM	178	90	60	178	90	60	178	90	60	178	90	60	178	90	60
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	8.97	5.00	3.07	8.97	5.98	4.04	8.97	5.98	4.04
	Output Torque, In-Lb	1406	1406	1406	1712	1712	1712	3171	3485	3230	3171	4168	4248	3171	4168	4248
	OHL Input Shaft	(A)	211	219	(A)	346	360	(A)	456	475	(A)	710	738	(A)	810	844
	OHL Output Shaft (B)	1025	1135	1334	1025	1135	1334	1025	1135	1334	1025	1135	1334	1025	1135	1334

(A) (B) (C) - See Footnote page on inside back cover
 NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-114	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate DOUBLE REDUCTION

**SIZE: MW482
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
21.46	Output RPM	161	82	54	161	82	54	161	82	54	161	82	54	161	82	54
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	8.48	5.00	2.95	8.48	5.50	3.64	8.48	5.50	3.64
	Output Torque, In-Lb	1560	1560	1560	1899	1899	1899	3323	3867	3444	3323	4248	4248	3323	4248	4248
	OHL Input Shaft (A)	210	219	(A)	346	360	(A)	455	475	(A)	708	737	(A)	811	845	(A)
	OHL Output Shaft (B)	1025	1135	1334	1025	1135	1334	1025	1135	1334	1025	1135	1334	1025	1135	1334
23.37	Output RPM	148	75	50	148	75	50	148	75	50	148	75	50	148	75	50
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	8.08	4.99	2.85	8.08	5.05	3.35	8.08	5.05	3.35
	Output Torque, In-Lb	1699	1699	1699	2068	2068	2068	3451	4199	3623	3451	4248	4248	3451	4248	4248
	OHL Input Shaft (A)	210	219	(A)	346	360	(A)	456	475	(A)	710	739	(A)	812	845	(A)
	OHL Output Shaft (B)	1098	1135	1334	1098	1135	1334	1098	1135	1334	1098	1135	1334	1098	1135	1334
26.14	Output RPM	132	67	44	132	67	44	132	67	44	132	67	44	132	67	44
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	7.58	4.51	2.72	7.58	4.51	2.99	7.58	4.51	2.99
	Output Torque, In-Lb	1900	1900	1900	2313	2313	2313	3621	4248	3858	3621	4248	4248	3621	4248	4248
	OHL Input Shaft (A)	209	218	(A)	346	360	(A)	456	475	(A)	711	741	(A)	812	846	(A)
	OHL Output Shaft (B)	1098	1135	1334	1098	1135	1334	1098	1135	1334	1098	1135	1334	1098	1135	1334
28.58	Output RPM	121	61	41	121	61	41	121	61	41	121	61	41	121	61	41
	Input HP (Max) (C)	3.97	2.02	1.33	4.85	2.46	1.63	7.20	4.13	2.61	7.20	4.13	2.74	7.20	4.13	2.74
	Output Torque, In-Lb	2071	2078	2062	2529	2529	2529	3758	4248	4047	3758	4248	4248	3758	4248	4248
	OHL Input Shaft (A)	210	217	(A)	346	360	(A)	456	475	(A)	712	741	(A)	812	846	(A)
	OHL Output Shaft (B)	1098	1334	1334	1098	1334	1334	1098	1334	1334	1098	1334	1334	1098	1334	1334
31.36	Output RPM	110	56	37	110	56	37	110	56	37	110	56	37	110	56	37
	Input HP (Max) (C)	3.72	2.02	1.27	4.85	2.46	1.63	6.82	3.76	2.49	6.82	3.80	2.49	6.82	3.76	2.49
	Output Torque, In-Lb	2133	2280	2170	2776	2776	2776	3907	4248	4247	3907	4248	4248	3907	4248	4248
	OHL Input Shaft (A)	209	217	(A)	345	359	(A)	456	475	(A)	713	742	(A)	813	846	(A)
	OHL Output Shaft (B)	1098	1334	1334	1098	1334	1334	1098	1334	1334	1098	1334	1334	1098	1334	1334
34.58	Output RPM	100	51	34	100	51	34	100	51	34	100	51	34	100	51	34
	Input HP (Max) (C)	3.47	1.98	1.21	4.85	2.46	1.63	6.43	3.41	2.26	6.43	3.41	2.26	6.43	3.41	2.26
	Output Torque, In-Lb	2194	2467	2282	3061	3061	3061	4061	4248	4248	4061	4248	4248	4061	4248	4248
	OHL Input Shaft (A)	210	217	(A)	345	359	(A)	457	475	(A)	713	743	(A)	813	846	(A)
	OHL Output Shaft (B)	1098	1334	1334	1098	1334	1334	1098	1334	1334	1098	1334	1334	1098	1334	1334
38.33	Output RPM	90	46	30	90	46	30	90	46	30	90	46	30	90	46	30
	Input HP (Max) (C)	3.22	1.84	1.15	4.85	2.46	1.56	6.02	3.08	2.04	6.02	3.08	2.04	6.02	3.08	2.04
	Output Torque, In-Lb	2255	2537	2400	3393	3393	3251	4219	4248	4248	4219	4248	4248	4219	4248	4248
	OHL Input Shaft (A)	210	217	(A)	344	359	(A)	457	471	(A)	714	743	(A)	813	846	(A)
	OHL Output Shaft (B)	1135	1334	1334	1135	1334	1334	1135	1334	1334	1135	1334	1334	1135	1334	1334
43.43	Output RPM	79	40	27	79	40	27	79	40	27	79	40	27	79	40	27
	Input HP (Max) (C)	2.93	1.67	1.08	4.85	2.46	1.46	5.36	2.72	1.80	5.36	2.72	1.80	5.36	2.72	1.80
	Output Torque, In-Lb	2326	2616	2543	3844	3844	3437	4248	4248	4248	4248	4248	4248	4248	4248	4248
	OHL Input Shaft (A)	209	218	(A)	344	359	(A)	454	471	(A)	714	743	(A)	813	846	(A)
	OHL Output Shaft (B)	1135	1334	1334	1135	1334	1334	1135	1334	1334	1135	1334	1334	1135	1334	1334

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-114	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
DOUBLE REDUCTION

SIZE: MW482
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
47.92	Output RPM	72	37	24	72	37	24	72	37	24	72	37	24	72	37	24
	Input HP (Max) (C)	2.72	1.55	1.01	4.85	2.37	1.38	4.85	2.46	1.63	4.85	2.46	1.63	4.85	2.46	1.63
	Output Torque, In-Lb	2378	2675	2641	4241	4087	3586	4248	4248	4248	4248	4248	4248	4248	4248	4248
	OHL Input Shaft OHL Output Shaft (B)	(A) 209 1135	218 1334	218 1334	(A) 343 1135	359 1334	(A) 454 1135	472 1334	(A) 714 1135	744 1334	(A) 813 1135	846 1334	(A) 1334 1135	1334 1135	(A) 1334 1135	1334 1135
54.17	Output RPM	64	32	21	64	32	21	64	32	21	64	32	21	---	---	---
	Input HP (Max) (C)	2.46	1.41	0.92	4.29	2.18	1.28	4.29	2.18	1.44	4.29	2.18	1.44	---	---	---
	Output Torque, In-Lb	2439	2744	2710	4248	4248	3778	4248	4248	4248	4248	4248	4248	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 211 1135	218 1334	218 1334	(A) 343 1135	359 1334	(A) 455 1135	473 1334	(A) 715 1135	744 1334	(A) 813 1135	846 1334	(A) 1334 1135	1334 1135	(A) 1334 1135	1334 1135
61.86	Output RPM	56	28	19	56	28	19	56	28	19	---	---	---	---	---	---
	Input HP (Max) (C)	2.21	1.26	0.83	3.76	1.91	1.18	3.76	1.91	1.26	---	---	---	---	---	---
	Output Torque, In-Lb	2500	2812	2777	4248	4248	3976	4248	4248	4248	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 211 1334	219 1334	219 1334	(A) 344 1334	359 1334	(A) 455 1334	474 1334	(A) 715 1334	744 1334	(A) 813 1334	846 1334	(A) 1334 1334	1334 1334	(A) 1334 1334	1334 1334
70.33	Output RPM	49	25	16	49	25	16	49	25	16	---	---	---	---	---	---
	Input HP (Max) (C)	1.99	1.13	0.74	3.31	1.68	1.09	3.31	1.68	1.11	---	---	---	---	---	---
	Output Torque, In-Lb	2554	2873	2837	4248	4248	4148	4248	4248	4248	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 211 1334	219 1334	219 1334	(A) 345 1334	359 1334	(A) 456 1334	475 1334	(A) 715 1334	744 1334	(A) 813 1334	846 1334	(A) 1334 1334	1334 1334	(A) 1334 1334	1334 1334
75.27	Output RPM	46	23	15	46	23	15	46	23	15	---	---	---	---	---	---
	Input HP (Max) (C)	1.88	1.07	0.70	2.91	1.57	1.04	2.91	1.57	1.04	---	---	---	---	---	---
	Output Torque, In-Lb	2580	2904	2867	4002	4248	4248	3995	4248	4248	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 211 1334	219 1334	219 1334	(A) 345 1334	359 1334	(A) 456 1334	475 1334	(A) 715 1334	744 1334	(A) 813 1334	846 1334	(A) 1334 1334	1334 1334	(A) 1334 1334	1334 1334
86.77	Output RPM	40	20	13	40	20	13	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	1.66	0.75	0.62	1.87	1.36	0.69	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	2632	2961	2924	2959	4248	3271	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 211 1334	219 1334	219 1334	(A) 346 1334	360 1334	---	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-114	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate TRIPLE REDUCTION

**SIZE: MW483
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
40.99	Output RPM	84	43	28	84	43	28	84	43	28	84	43	28
	Input HP (Max) (C)	3.98	2.02	1.34	4.13	2.46	1.63	4.13	2.83	2.00	4.13	2.83	2.00
	Output Torque, In-Lb	2980	2980	2980	3089	3628	3628	3089	4182	4455	3089	4182	4455
	OHL Input Shaft (A)	209	218	(A)	346	360	(A)	457	475	(A)	708	737	
	OHL Output Shaft (B)	1135	1334	1334	1135	1334	1334	1135	1334	1334	1135	1334	1334
47.66	Output RPM	72	37	24	72	37	24	72	37	24	72	37	24
	Input HP (Max) (C)	3.73	2.02	1.34	3.73	2.46	1.63	3.73	2.56	1.81	3.73	2.56	1.81
	Output Torque, In-Lb	3249	3465	3465	3249	4219	4219	3249	4398	4687	3249	4398	4687
	OHL Input Shaft (A)	211	219	(A)	346	360	(A)	457	475	(A)	709	738	
	OHL Output Shaft (B)	1135	1334	1334	1135	1334	1334	1135	1334	1334	1135	1334	1334
52.88	Output RPM	65	33	22	65	33	22	65	33	22	65	33	22
	Input HP (Max) (C)	3.48	2.02	1.34	3.48	2.39	1.63	3.48	2.39	1.66	3.48	2.39	1.66
	Output Torque, In-Lb	3364	3845	3845	3364	4555	4681	3364	4555	4780	3364	4555	4780
	OHL Input Shaft (A)	210	219	(A)	346	360	(A)	457	476	(A)	710	738	
	OHL Output Shaft (B)	1135	1334	1334	1135	1334	1334	1135	1334	1334	1135	1334	1334
57.59	Output RPM	60	30	20	60	30	20	60	30	20	60	30	20
	Input HP (Max) (C)	3.29	2.02	1.34	3.29	2.26	1.53	3.29	2.26	1.53	3.29	2.26	1.53
	Output Torque, In-Lb	3460	4187	4187	3460	4686	4780	3460	4686	4780	3460	4686	4780
	OHL Input Shaft (A)	210	219	(A)	346	360	(A)	457	476	(A)	710	739	
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334
64.41	Output RPM	54	27	18	54	27	18	54	27	18	54	27	18
	Input HP (Max) (C)	3.05	2.02	1.34	3.05	2.06	1.37	3.05	2.06	1.37	3.05	2.06	1.37
	Output Torque, In-Lb	3592	4683	4683	3592	4780	4780	3592	4780	4780	3592	4780	4780
	OHL Input Shaft (A)	209	218	(A)	346	360	(A)	457	476	(A)	711	740	
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334
70.42	Output RPM	49	25	16	49	25	16	49	25	16	49	25	16
	Input HP (Max) (C)	2.88	1.88	1.25	2.88	1.88	1.25	2.88	1.88	1.25	2.88	1.88	1.25
	Output Torque, In-Lb	3700	4780	4780	3700	4780	4780	3700	4780	4780	3700	4780	4780
	OHL Input Shaft (A)	210	218	(A)	346	360	(A)	457	476	(A)	712	741	
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334
77.29	Output RPM	45	23	15	45	23	15	45	23	15	45	23	15
	Input HP (Max) (C)	2.70	1.72	1.14	2.70	1.72	1.14	2.70	1.72	1.14	2.70	1.72	1.14
	Output Torque, In-Lb	3817	4780	4780	3817	4780	4780	3817	4780	4780	3817	4780	4780
	OHL Input Shaft (A)	210	219	(A)	346	360	(A)	457	476	(A)	713	742	
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334
85.22	Output RPM	40	21	14	40	21	14	40	21	14	40	21	14
	Input HP (Max) (C)	2.53	1.56	1.03	2.53	1.56	1.03	2.53	1.56	1.03	2.53	1.56	1.03
	Output Torque, In-Lb	3944	4780	4780	3944	4780	4780	3944	4780	4780	3944	4780	4780
	OHL Input Shaft (A)	211	219	(A)	346	360	(A)	453	472	(A)	713	742	
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-114	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
TRIPLE REDUCTION

SIZE: MW483
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
94.46	Output RPM	37	19	12	37	19	12	37	19	12	37	19	12
	Input HP (Max) (C)	2.36	1.40	0.93	2.36	1.40	0.93	2.36	1.40	0.93	2.36	1.40	0.93
	Output Torque, In-Lb	4081	4780	4780	4081	4780	4780	4081	4780	4780	4081	4780	4780
	OHL Input Shaft (A)	211	219	(A)	346	357	(A)	454	472	(A)	713	742	
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334
107.02	Output RPM	32	16	11	32	16	11	32	16	11	32	16	11
	Input HP (Max) (C)	2.18	1.24	0.82	2.18	1.24	0.82	2.18	1.24	0.82	2.18	1.24	0.82
	Output Torque, In-Lb	4255	4780	4780	4255	4780	4780	4255	4780	4780	4255	4780	4780
	OHL Input Shaft (A)	209	218	(A)	343	357	(A)	455	473	(A)	714	743	
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334
118.08	Output RPM	29	15	10	29	15	10	29	15	10	29	15	10
	Input HP (Max) (C)	2.04	1.12	0.74	2.04	1.12	0.74	2.04	1.12	0.74	2.04	1.12	0.74
	Output Torque, In-Lb	4396	4780	4780	4396	4780	4780	4396	4780	4780	4396	4780	4780
	OHL Input Shaft (A)	209	218	(A)	344	358	(A)	455	474	(A)	714	743	
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334
133.5	Output RPM	26	13	9	26	13	9	26	13	9	26	13	9
	Input HP (Max) (C)	1.88	0.99	0.66	1.88	0.99	0.66	1.88	0.99	0.66	1.88	0.99	0.66
	Output Torque, In-Lb	4579	4780	4780	4579	4780	4780	4579	4780	4780	4579	4780	4780
	OHL Input Shaft (A)	210	218	(A)	345	359	(A)	456	474	(A)	714	743	
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334	1334
152.43	Output RPM	23	11	8	23	11	8	23	11	8	---	---	---
	Input HP (Max) (C)	1.72	0.87	0.58	1.72	0.87	0.58	1.72	0.87	0.58	---	---	---
	Output Torque, In-Lb	4780	4780	4780	4780	4780	4780	4780	4780	4780	---	---	---
	OHL Input Shaft (A)	210	219	(A)	345	359	(A)	456	475	---	---	---	---
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	---	---	---
173.31	Output RPM	20	10	7	20	10	7	20	10	7	---	---	---
	Input HP (Max) (C)	1.51	0.77	0.51	1.51	0.77	0.51	1.51	0.77	0.51	---	---	---
	Output Torque, In-Lb	4780	4780	4780	4780	4780	4780	4780	4780	4780	---	---	---
	OHL Input Shaft (A)	211	219	(A)	346	359	(A)	457	475	---	---	---	---
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	---	---	---
185.49	Output RPM	19	9	6	19	9	6	19	9	6	---	---	---
	Input HP (Max) (C)	1.41	0.72	0.47	1.41	0.72	0.47	1.41	0.72	0.47	---	---	---
	Output Torque, In-Lb	4780	4780	4780	4780	4780	4780	4780	4780	4780	---	---	---
	OHL Input Shaft (A)	211	219	(A)	346	360	(A)	457	475	---	---	---	---
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	1334	1334	1334	---	---	---
213.83	Output RPM	16	8	5	16	8	5	---	---	---	---	---	---
	Input HP (Max) (C)	1.22	0.62	0.41	1.22	0.62	0.41	---	---	---	---	---	---
	Output Torque, In-Lb	4780	4780	4780	4780	4780	4780	---	---	---	---	---	---
	OHL Input Shaft (A)	211	220	(A)	346	360	---	---	---	---	---	---	---
	OHL Output Shaft (B)	1334	1334	1334	1334	1334	1334	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-114	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
DOUBLE REDUCTION

SIZE: MW682
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
6.65	Output RPM	---	---	---	---	---	---	---	---	---	519	263	174	519	263	174	519	263	174
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	49.21	26.92	15.00
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	2481	2481	2481	3322	3322	3322	5979	6447	5420
	OHL Input Shaft	---	---	---	---	---	---	---	---	---	(A)	713	742	(A)	843	877	(A)	947	994
	OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	(A)	2500	2500	(A)	2500	2500	(A)	2500	2500
8.02	Output RPM	---	---	---	---	---	---	---	---	---	430	218	145	430	218	145	430	218	145
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	45.03	25.38	14.14
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	2993	2993	2993	4008	4008	4008	6601	7333	6166
	OHL Input Shaft	---	---	---	---	---	---	---	---	---	(A)	713	742	(A)	843	877	(A)	946	994
	OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	(A)	2500	2500	(A)	2500	2500	(A)	2500	2500
9.63	Output RPM	---	---	---	358	182	120	358	182	120	358	182	120	358	182	120	358	182	120
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	8.76	41.10	23.74	13.23
	Output Torque, In-Lb	---	---	---	852	852	852	1735	1735	1735	3592	3592	3592	4809	4809	4809	4583	7230	8231
	OHL Input Shaft	---	---	---	(A)	346	360	(A)	453	473	(A)	711	740	(A)	840	877	(A)	953	995
	OHL Output Shaft (B)	---	---	---	(A)	2500	2500	(A)	2500	2500	(A)	2500	2500	(A)	2500	2500	(A)	2500	2500
11.29	Output RPM	---	---	---	306	155	103	306	155	103	306	155	103	306	155	103	306	155	103
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.86	5.00	3.32	20.42	10.36	6.62	27.34	13.87	8.26	37.77	21.52	12.37
	Output Torque, In-Lb	---	---	---	999	999	999	2034	2034	2034	4210	4062	5637	5637	5068	7788	8746	7588	
	OHL Input Shaft	---	---	---	(A)	346	360	(A)	454	471	(A)	707	739	(A)	836	876	(A)	947	995
	OHL Output Shaft (B)	---	---	---	(A)	2500	2500	(A)	2500	2500	(A)	2500	2500	(A)	2500	2500	(A)	2500	2500
13.45	Output RPM	---	---	---	256	130	86	256	130	86	256	130	86	256	130	86	256	130	86
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.86	5.00	3.32	20.42	10.36	6.18	27.34	13.74	7.68	34.29	18.27	11.42
	Output Torque, In-Lb	---	---	---	1191	1191	1191	2424	2424	2424	5018	5018	4516	6719	6656	5614	8428	8851	8346
	OHL Input Shaft	---	---	---	(A)	346	360	(A)	456	474	(A)	708	739	(A)	838	876	(A)	953	995
	OHL Output Shaft (B)	---	---	---	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
14.59	Output RPM	236	120	80	236	120	80	236	120	80	236	120	80	236	120	80	236	120	80
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.25	20.42	10.36	5.96	27.34	13.24	7.40	32.35	16.85	11.00
	Output Torque, In-Lb	1061	1061	1061	1291	1291	1291	2629	2629	2577	5442	5442	4728	7287	6958	5869	8622	8851	8720
	OHL Input Shaft	(A)	218	227	(A)	346	360	(A)	456	474	(A)	712	738	(A)	828	876	(A)	954	994
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
16.28	Output RPM	212	107	71	212	107	71	212	107	71	212	107	71	212	107	71	212	107	71
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.11	20.42	9.94	5.67	27.31	12.57	7.03	29.42	15.09	10.00
	Output Torque, In-Lb	1184	1184	1184	1441	1441	1441	2934	2934	2749	6074	5831	5015	8124	7373	6219	8752	8851	8851
	OHL Input Shaft	(A)	217	226	(A)	346	360	(A)	456	475	(A)	695	738	(A)	773	876	(A)	956	996
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
17.64	Output RPM	196	99	66	196	99	66	196	99	66	196	99	66	196	99	66	196	99	66
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.00	19.59	9.56	5.45	25.69	12.09	6.76	27.47	13.93	9.24
	Output Torque, In-Lb	1282	1282	1282	1561	1561	1561	3178	3178	2874	6312	6073	5224	8278	7682	6479	8851	8851	8851
	OHL Input Shaft	(A)	219	228	(A)	346	360	(A)	455	474	(A)	660	738	(A)	729	876	(A)	957	996
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-130	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

DOUBLE REDUCTION

SIZE: MW682
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
19.99	Output RPM	173	88	58	173	88	58	173	88	58	173	88	58	173	88	58	173	88	58
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	4.94	2.82	17.85	8.97	5.11	23.30	11.35	6.35	24.24	12.29	8.15
	Output Torque, In-Lb	1453	1453	1453	1769	1769	1769	3602	3556	3067	6519	6456	5553	8508	8173	6894	8851	8851	8851
	OHL Input Shaft OHL Output Shaft (B)	(A) 218 2500	227 2500	(A) 227 2500	(A) 346 2500	360 2500	(A) 360 2500	(A) 454 2500	474 2500	(A) 474 2500	(A) 602 2500	738 2500	(A) 738 2500	(A) 659 2500	875 2500	(A) 875 2500	(A) 958 2500	958 2500	958 2500
21.54	Output RPM	160	81	54	160	81	54	160	81	54	160	81	54	160	81	54	160	81	54
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	4.76	2.72	16.87	8.63	4.92	21.95	10.96	6.13	22.50	11.41	7.56
	Output Torque, In-Lb	1566	1566	1566	1906	1906	1906	3880	3688	3182	6636	6695	5759	8635	8501	7171	8851	8851	8851
	OHL Input Shaft OHL Output Shaft (B)	(A) 218 2500	227 2500	(A) 227 2500	(A) 346 2500	359 2500	(A) 359 2500	(A) 454 2500	474 2500	(A) 474 2500	(A) 566 2500	738 2500	(A) 738 2500	(A) 610 2500	875 2500	(A) 875 2500	(A) 958 2500	958 2500	958 2500
23.29	Output RPM	148	75	50	148	75	50	148	75	50	148	75	50	148	75	50	148	75	50
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	4.56	2.61	15.88	8.29	4.73	20.60	10.55	5.91	20.81	10.55	7.00
	Output Torque, In-Lb	1693	1693	1693	2061	2061	2061	4196	3827	3301	6754	6952	5980	8763	8851	7472	8851	8851	8851
	OHL Input Shaft OHL Output Shaft (B)	(A) 217 2500	226 2500	(A) 226 2500	(A) 345 2500	359 2500	(A) 359 2500	(A) 454 2500	474 2500	(A) 474 2500	(A) 525 2500	737 2500	(A) 737 2500	(A) 556 2500	875 2500	(A) 875 2500	(A) 958 2500	958 2500	958 2500
26.75	Output RPM	129	65	43	129	65	43	129	65	43	129	65	43	129	65	43	129	65	43
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.32	11.92	7.81	5.18	11.92	7.81	5.18	11.92	7.81	5.18
	Output Torque, In-Lb	1945	1945	1945	2368	2368	2368	4820	4820	4820	5828	7523	7523	5828	7523	7523	5828	7523	7523
	OHL Input Shaft OHL Output Shaft (B)	(A) 219 2500	228 2500	(A) 228 2500	(A) 346 2500	360 2500	(A) 360 2500	(A) 455 2500	474 2500	(A) 474 2500	(A) 710 2500	740 2500	(A) 740 2500	(A) 837 2500	872 2500	(A) 872 2500	(A) 958 2500	958 2500	958 2500
29.37	Output RPM	117	60	40	117	60	40	117	60	40	117	60	40	117	60	40	117	60	40
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.28	11.15	7.11	4.72	11.15	7.11	4.72	11.15	7.11	4.72
	Output Torque, In-Lb	2135	2135	2135	2599	2599	2599	5291	5291	5232	5979	7523	7523	5979	7523	7523	5979	7523	7523
	OHL Input Shaft OHL Output Shaft (B)	(A) 219 2500	228 2500	(A) 228 2500	(A) 346 2500	360 2500	(A) 360 2500	(A) 454 2500	473 2500	(A) 473 2500	(A) 712 2500	741 2500	(A) 741 2500	(A) 839 2500	871 2500	(A) 871 2500	(A) 958 2500	958 2500	958 2500
32.34	Output RPM	107	54	36	107	54	36	107	54	36	107	54	36	107	54	36	107	54	36
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.10	10.40	6.46	4.28	10.40	6.46	4.28	10.40	6.46	4.28
	Output Torque, In-Lb	2351	2351	2351	2862	2862	2862	5826	5826	5450	6142	7523	7523	6142	7523	7523	6142	7523	7523
	OHL Input Shaft OHL Output Shaft (B)	(A) 218 2500	227 2500	(A) 227 2500	(A) 346 2500	360 2500	(A) 360 2500	(A) 453 2500	473 2500	(A) 473 2500	(A) 713 2500	742 2500	(A) 742 2500	(A) 838 2500	873 2500	(A) 873 2500	(A) 958 2500	958 2500	958 2500
35.10	Output RPM	98	50	33	98	50	33	98	50	33	98	50	33	98	50	33	98	50	33
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.80	5.00	2.97	9.80	5.95	3.95	9.80	5.95	3.95	9.80	5.95	3.95
	Output Torque, In-Lb	2552	2552	2552	3106	3106	3106	6283	6324	5657	6283	7523	7523	6283	7523	7523	6283	7523	7523
	OHL Input Shaft OHL Output Shaft (B)	(A) 217 2500	226 2500	(A) 226 2500	(A) 346 2500	360 2500	(A) 360 2500	(A) 452 2500	473 2500	(A) 473 2500	(A) 713 2500	742 2500	(A) 742 2500	(A) 840 2500	875 2500	(A) 875 2500	(A) 959 2500	959 2500	959 2500
38.25	Output RPM	90	46	30	90	46	30	90	46	30	90	46	30	90	46	30	90	46	30
	Input HP (Max) (C)	3.87	2.02	1.34	4.85	2.46	1.63	9.21	4.94	2.83	9.21	5.46	3.62	9.21	5.46	3.62	9.21	5.46	3.62
	Output Torque, In-Lb	2701	2781	2781	3386	3386	3386	6437	6808	5873	6437	7523	7523	6437	7523	7523	6437	7523	7523
	OHL Input Shaft OHL Output Shaft (B)	(A) 218 2500	227 2500	(A) 227 2500	(A) 346 2500	359 2500	(A) 359 2500	(A) 452 2500	473 2500	(A) 473 2500	(A) 714 2500	743 2500	(A) 743 2500	(A) 841 2500	876 2500	(A) 876 2500	(A) 959 2500	959 2500	959 2500

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-130	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
DOUBLE REDUCTION

SIZE: MW682
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
41.89	Output RPM	82	42	28	82	42	28	82	42	28	82	42	28	82	42	28	82	42	28
	Input HP (Max) (C)	3.61	1.96	1.34	4.85	2.46	1.63	8.63	4.75	2.71	8.63	4.99	3.31	8.63	4.99	3.31	8.63	4.99	3.31
	Output Torque, In-Lb	2760	2964	3046	3708	3708	3708	6604	7159	6177	6604	7523	7523	6604	7523	7523	6604	7523	7523
	OHL Input Shaft	(A)	218	226	(A)	345	359	(A)	454	473	(A)	714	743	(A)	842	877	(A)	959	998
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
46.14	Output RPM	75	38	25	75	38	25	75	38	25	75	38	25	75	38	25	75	38	25
	Input HP (Max) (C)	3.34	1.82	1.25	4.85	2.46	1.63	8.05	4.53	2.59	8.05	4.53	3.00	8.05	4.53	3.00	8.05	4.53	3.00
	Output Torque, In-Lb	2819	3028	3130	4084	4084	4084	6789	7523	6500	6789	7523	7523	6789	7523	7523	6789	7523	7523
	OHL Input Shaft	(A)	218	226	(A)	345	359	(A)	454	473	(A)	714	737	(A)	843	877	(A)	959	998
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
53.07	Output RPM	65	33	22	65	33	22	65	33	22	65	33	22	65	33	22	---	---	---
	Input HP (Max) (C)	2.99	1.63	1.12	4.85	2.46	1.63	7.29	3.94	2.47	7.29	3.94	2.61	7.29	3.94	2.61	---	---	---
	Output Torque, In-Lb	2900	3114	3220	4697	4697	4697	7066	7523	7111	7066	7523	7523	7066	7523	7523	---	---	---
	OHL Input Shaft	(A)	218	226	(A)	344	358	(A)	453	472	(A)	709	739	(A)	844	878	---	---	---
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	---	---	---
57.49	Output RPM	60	30	20	60	30	20	60	30	20	60	30	20	60	30	20	---	---	---
	Input HP (Max) (C)	2.80	1.53	1.05	4.85	2.46	1.63	6.89	3.63	2.36	6.89	3.63	2.41	6.89	3.63	2.41	---	---	---
	Output Torque, In-Lb	2943	3160	3266	5088	5088	5088	7231	7523	7371	7231	7523	7523	7231	7523	7523	---	---	---
	OHL Input Shaft	(A)	218	227	(A)	343	357	(A)	453	472	(A)	711	740	(A)	844	878	---	---	---
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	---	---	---
63.54	Output RPM	54	28	18	54	28	18	54	28	18	54	28	18	---	---	---	---	---	---
	Input HP (Max) (C)	2.58	1.40	0.96	4.85	2.46	1.63	6.41	3.29	2.18	6.41	3.29	2.18	---	---	---	---	---	---
	Output Torque, In-Lb	2993	3215	3322	5624	5624	5624	7442	7523	7523	7442	7523	7523	---	---	---	---	---	---
	OHL Input Shaft	(A)	218	227	(A)	343	356	(A)	453	472	(A)	712	741	---	---	---	---	---	---
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	---	---	---	---	---	---
74.13	Output RPM	47	24	16	47	24	16	47	24	16	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	2.26	1.23	0.84	4.85	2.46	1.63	5.56	2.82	1.87	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	3063	3291	3400	6561	6561	6561	7523	7523	7523	---	---	---	---	---	---	---	---	---
	OHL Input Shaft	(A)	219	227	(A)	346	360	(A)	455	474	---	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	---	---	---	---	---	---	---	---	---
82.52	Output RPM	42	21	14	42	21	14	42	21	14	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	2.06	1.12	0.77	4.39	2.41	1.60	4.39	2.53	1.63	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	3107	3340	3449	6622	7160	7160	6622	7523	7316	---	---	---	---	---	---	---	---	---
	OHL Input Shaft	(A)	219	227	(A)	345	359	(A)	455	475	---	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-130	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
TRIPLE REDUCTION

SIZE: MW683
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
37.41	Output RPM	---	---	---	92	47	31	92	47	31	92	47	31
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.86	5.00	3.32	10.08	6.57	4.35
	Output Torque, In-Lb	---	---	---	3311	3311	3311	6740	6740	6740	6890	8851	8851
	OHL Input Shaft	---	---	---	(A)	346	360	(A)	453	471	(A)	712	743
	OHL Output Shaft (B)	---	---	---	2500	2500	2500	2500	2500	2500	2500	2500	2500
44.94	Output RPM	---	---	---	77	39	26	77	39	26	77	39	26
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	8.95	5.00	3.32	8.95	5.47	3.62
	Output Torque, In-Lb	---	---	---	3978	3978	3978	7349	8098	8098	7349	8851	8851
	OHL Input Shaft	---	---	---	(A)	343	360	(A)	454	472	(A)	714	743
	OHL Output Shaft (B)	---	---	---	2500	2500	2500	2500	2500	2500	2500	2500	2500
52.91	Output RPM	---	---	---	65	33	22	65	33	22	65	33	22
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	8.04	4.64	3.08	8.04	4.64	3.08
	Output Torque, In-Lb	---	---	---	4683	4683	4683	7771	8851	8851	7771	8851	8851
	OHL Input Shaft	---	---	---	(A)	346	360	(A)	454	473	(A)	714	744
	OHL Output Shaft (B)	---	---	---	2500	2500	2500	2500	2500	2500	2500	2500	2500
59.29	Output RPM	58	30	20	58	30	20	58	30	20	58	30	20
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	7.41	4.15	2.75	7.41	4.15	2.75
	Output Torque, In-Lb	4311	4311	4311	5248	5248	5248	8024	8851	8851	8024	8851	8851
	OHL Input Shaft	(A)	218	227	(A)	346	360	(A)	453	472	(A)	714	744
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
66.45	Output RPM	52	26	17	52	26	17	52	26	17	52	26	17
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.83	3.70	2.45	6.83	3.70	2.45
	Output Torque, In-Lb	4831	4831	4831	5882	5882	5882	8289	8851	8851	8289	8851	8851
	OHL Input Shaft	(A)	217	226	(A)	346	360	(A)	454	473	(A)	715	744
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
72.54	Output RPM	48	24	16	48	24	16	48	24	16	48	24	16
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.42	3.39	2.25	6.42	3.39	2.25
	Output Torque, In-Lb	5274	5274	5274	6420	6420	6420	8503	8851	8851	8503	8851	8851
	OHL Input Shaft	(A)	219	228	(A)	346	360	(A)	455	474	(A)	715	744
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
79.63	Output RPM	43	22	15	43	22	15	43	22	15	43	22	15
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.01	3.09	2.05	6.01	3.09	2.05
	Output Torque, In-Lb	5789	5789	5789	7048	7048	7048	8739	8851	8851	8739	8851	8851
	OHL Input Shaft	(A)	219	228	(A)	346	360	(A)	456	474	(A)	715	744
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
87.68	Output RPM	39	20	13	39	20	13	39	20	13	39	20	13
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.53	2.80	1.86	5.53	2.80	1.86
	Output Torque, In-Lb	6375	6375	6375	7760	7760	7760	8851	8851	8851	8851	8851	8851
	OHL Input Shaft	(A)	218	227	(A)	346	360	(A)	456	475	(A)	715	737
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-130	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate TRIPLE REDUCTION

**SIZE: MW683
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
95.16	Output RPM	36	18	12	36	18	12	36	18	12	36	18	12
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.09	2.58	1.71	5.09	2.58	1.71
	Output Torque, In-Lb	6919	6919	6919	8423	8423	8423	8851	8851	8851	8851	8851	8851
	OHL Input Shaft (A)	217	226		(A)	346	360	(A)	457	475	(A)	708	737
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
103.72	Output RPM	33	17	11	33	17	11	33	17	11	33	17	11
	Input HP (Max) (C)	3.87	2.02	1.34	4.67	2.37	1.57	4.67	2.37	1.57	4.67	2.37	1.57
	Output Torque, In-Lb	7324	7541	7541	8851	8851	8851	8851	8851	8851	8851	8851	8851
	OHL Input Shaft (A)	218	227		(A)	346	360	(A)	457	475	(A)	708	738
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
113.59	Output RPM	30	15	10	30	15	10	30	15	10	30	15	10
	Input HP (Max) (C)	3.61	1.96	1.31	4.27	2.16	1.43	4.27	2.16	1.43	4.27	2.16	1.43
	Output Torque, In-Lb	7484	8035	8066	8851	8851	8851	8851	8851	8851	8851	8851	8851
	OHL Input Shaft (A)	218	226		(A)	346	360	(A)	457	475	(A)	710	739
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
125.11	Output RPM	28	14	9	28	14	9	28	14	9	28	14	9
	Input HP (Max) (C)	3.34	1.82	1.24	3.87	1.96	1.30	3.87	1.96	1.30	3.87	1.96	1.30
	Output Torque, In-Lb	7644	8189	8455	8851	8851	8851	8851	8851	8851	8851	8851	8851
	OHL Input Shaft (A)	218	226		(A)	346	360	(A)	457	475	(A)	711	741
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
143.88	Output RPM	24	12	8	24	12	8	24	12	8	24	12	8
	Input HP (Max) (C)	2.99	1.63	1.12	3.37	1.71	1.13	3.37	1.71	1.13	3.37	1.71	1.13
	Output Torque, In-Lb	7862	8422	8730	8851	8851	8851	8851	8851	8851	8851	8851	8851
	OHL Input Shaft (A)	218	226		(A)	346	360	(A)	457	476	(A)	712	741
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
155.87	Output RPM	22	11	7	22	11	7	22	11	7	22	11	7
	Input HP (Max) (C)	2.80	1.52	1.05	3.11	1.58	1.05	3.11	1.58	1.05	3.11	1.58	1.05
	Output Torque, In-Lb	7979	8546	8851	8851	8851	8851	8851	8851	8851	8851	8851	8851
	OHL Input Shaft (A)	218	227		(A)	346	360	(A)	457	476	(A)	712	742
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
172.28	Output RPM	20	10	7	20	10	7	20	10	7	20	10	7
	Input HP (Max) (C)	2.58	1.40	0.95	2.81	1.43	0.95	2.81	1.43	0.95	2.81	1.43	0.95
	Output Torque, In-Lb	8116	8690	8851	8851	8851	8851	8851	8851	8851	8851	8851	8851
	OHL Input Shaft (A)	218	227		(A)	346	360	(A)	457	476	(A)	713	(A)
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
200.99	Output RPM	17	9	6	17	9	6	17	9	6	---	---	---
	Input HP (Max) (C)	2.26	1.22	0.81	2.41	1.22	0.81	2.41	1.22	0.81	---	---	---
	Output Torque, In-Lb	8306	8851	8851	8851	8851	8851	8851	8851	8851	---	---	---
	OHL Input Shaft (A)	219	227		(A)	346	360	(A)	457	476	---	---	---
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	---	---	---
223.74	Output RPM	15	8	5	15	8	5	15	8	5	---	---	---
	Input HP (Max) (C)	2.06	1.10	0.73	2.17	1.10	0.73	2.17	1.10	0.73	---	---	---
	Output Torque, In-Lb	8425	8851	8851	8851	8851	8851	8851	8851	8851	---	---	---
	OHL Input Shaft (A)	218	228		(A)	343	357	(A)	457	476	---	---	---
	OHL Output Shaft (B)	2500	2500	2500	2500	2500	2500	2500	2500	2500	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-130	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
DOUBLE REDUCTION

**SIZE: MW882
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
8.85	Output RPM	---	---	---	---	---	---	390	198	131	390	198	131	390	198	131
	Input HP (Max) (C)	---	---	---	---	---	---	27.34	13.87	9.19	64.54	30.18	16.82	79.73	45.47	27.89
	Output Torque, In-Lb	---	---	---	---	---	---	4418	4418	4418	10430	9614	8083	12884	14484	13405
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	---	---	---	(A) (A)	838 3611	873 3611	(A) (A)	946 3611	993 3611	(A) (A)	1403 3611	1585 3611
10.79	Output RPM	---	---	---	320	162	108	320	162	108	320	162	108	320	162	108
	Input HP (Max) (C)	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	64.54	28.62	15.95	71.77	43.28	26.11
	Output Torque, In-Lb	---	---	---	4024	4024	4024	5389	5389	5389	12721	11120	9348	14147	16817	15307
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) (A)	713 3611	742 3611	(A) (A)	843 3611	868 3611	(A) (A)	952 3611	994 3611	(A) (A)	1418 3611	1582 3611
12.64	Output RPM	---	---	---	273	138	92	273	138	92	273	138	92	273	138	92
	Input HP (Max) (C)	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	64.54	27.16	15.14	65.75	36.94	24.48
	Output Torque, In-Lb	---	---	---	4716	4716	4716	6314	6314	6314	14906	12366	10398	15184	16817	16817
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) (A)	713 3611	742 3611	(A) (A)	843 3611	877 3611	(A) (A)	952 3611	994 3611	(A) (A)	1420 3611	1580 3611
14.86	Output RPM	232	118	78	232	118	78	232	118	78	232	118	78	232	118	78
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.19	59.94	25.55	14.24	59.94	31.42	20.83
	Output Torque, In-Lb	2678	2678	2678	5543	5543	5543	7422	7422	7422	16273	13672	11498	16273	16817	16817
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	452 3611	471 3611	(A) 3611	709 3611	738 3611	(A) 3611	841 3611	876 3611	(A) 3611	950 3611	994 3611	(A) 3611	1419 3611	1587 3611
17.05	Output RPM	202	103	68	202	103	68	202	103	68	202	103	68	202	103	68
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.07	53.99	24.08	13.42	53.99	27.39	18.15
	Output Torque, In-Lb	3072	3072	3072	6360	6360	6360	8516	8516	8399	16817	14787	12434	16817	16817	16817
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	454 3611	472 3611	(A) 3611	710 3611	738 3611	(A) 3611	838 3611	875 3611	(A) 3611	948 3611	993 3611	(A) 3611	1416 3611	1584 3611
20.12	Output RPM	171	87	58	171	87	58	171	87	58	171	87	58	171	87	58
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.84	27.34	13.87	8.48	45.74	22.29	12.42	45.74	23.20	15.38
	Output Torque, In-Lb	3626	3626	3626	7506	7506	7477	10051	10051	9268	16817	16154	13583	16817	16817	16817
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	470 3611	(A) 3611	707 3611	737 3611	(A) 3611	839 3611	874 3611	(A) 3611	946 3611	993 3611	(A) 3611	1426 3611	1591 3611
21.81	Output RPM	158	80	53	158	80	53	158	80	53	158	80	53	158	80	53
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.61	27.34	13.87	8.18	42.20	21.41	11.96	42.20	21.41	14.19
	Output Torque, In-Lb	3930	3930	3930	8136	8136	7837	10894	10894	9693	16817	16817	14176	16817	16817	16817
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	474 3611	(A) 3611	638 3611	738 3611	(A) 3611	757 3611	873 3611	(A) 3611	956 3611	993 3611	(A) 3611	1437 3611	1592 3611
24.25	Output RPM	142	72	48	142	72	48	142	72	48	142	72	48	142	72	48
	Input HP (Max) (C)	9.86	5.00	3.25	20.42	10.36	6.31	27.34	13.87	7.79	37.96	19.25	11.38	37.96	19.25	12.76
	Output Torque, In-Lb	4370	4370	4278	9046	9046	8311	12113	12113	10262	16817	16817	14992	16817	16817	16817
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	474 3611	(A) 3611	522 3611	737 3611	(A) 3611	587 3611	873 3611	(A) 3611	956 3611	992 3611	(A) 3611	1447 3611	1594 3611
26.34	Output RPM	131	66	44	131	66	44	131	66	44	131	66	44	131	66	44
	Input HP (Max) (C)	9.86	5.00	3.13	20.14	10.36	6.06	25.70	13.39	7.48	34.94	17.73	10.95	34.94	17.73	11.75
	Output Torque, In-Lb	4747	4747	4476	9693	9826	8680	12367	12701	10712	16817	16817	15676	16817	16817	16817
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	455 3611	475 3611	(A) 3611	408 3611	709 3611	(A) 3611	519 3611	873 3611	(A) 3611	949 3611	992 3611	(A) 3611	1454 3611	1595 3611

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-146	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate DOUBLE REDUCTION

**SIZE: MW882
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
29.14	Output RPM	118	60	40	118	60	40	118	60	40	118	60	40	118	60	40
	Input HP (Max) (C)	9.86	5.00	2.98	18.62	10.13	5.78	23.65	12.75	7.13	31.59	16.03	10.51	31.59	16.03	10.62
	Output Torque, In-Lb	5250	5250	4717	9912	10629	9143	12587	13384	11288	16817	16817	16642	16817	16817	16817
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	454 3611	474 3611	(A) 3611	402 3611	674 3611	(A) 3611	444 3611	872 3611	(A) 3611	951 3611	990 3611	(A) 3611	1462 3611	1595 3611
30.67	Output RPM	112	57	38	112	57	38	112	57	38	112	57	38	112	57	38
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	24.19	13.62	9.03	24.19	13.62	9.03	24.19	13.62	9.03
	Output Torque, In-Lb	5526	5526	5526	11441	11441	11441	13553	15047	15047	13553	15047	15047	13553	15047	15047
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	474 3611	(A) 3611	638 3611	736 3611	(A) 3611	774 3611	871 3611	(A) 3611	958 3611	997 3611	(A) 3611	1526 3611	1589 3611
34.23	Output RPM	101	51	34	101	51	34	101	51	34	101	51	34	101	51	34
	Input HP (Max) (C)	9.86	5.00	3.32	20.08	10.36	6.87	22.24	12.20	8.09	22.24	12.20	8.09	22.24	12.20	8.09
	Output Torque, In-Lb	6168	6168	6168	12560	12770	12770	13908	15047	15047	13908	15047	15047	13908	15047	15047
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	474 3611	(A) 3611	522 3611	739 3611	(A) 3611	830 3611	874 3611	(A) 3611	949 3611	989 3611	(A) 3611	1528 3611	1592 3611
37.08	Output RPM	93	47	31	93	47	31	93	47	31	93	47	31	93	47	31
	Input HP (Max) (C)	9.86	5.00	3.32	18.95	10.36	6.87	20.99	11.27	7.47	20.99	11.27	7.47	20.99	11.27	7.47
	Output Torque, In-Lb	6681	6681	6681	12840	13831	13831	14219	15047	15047	14219	15047	15047	14219	15047	15047
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	455 3611	474 3611	(A) 3611	408 3611	709 3611	(A) 3611	840 3611	871 3611	(A) 3611	951 3611	991 3611	(A) 3611	1530 3611	1593 3611
42.03	Output RPM	82	42	28	82	42	28	82	42	28	82	42	28	82	42	28
	Input HP (Max) (C)	9.86	5.00	3.32	17.27	9.72	6.46	19.17	9.94	6.59	19.17	9.94	6.59	19.17	9.94	6.59
	Output Torque, In-Lb	7572	7572	7572	13257	14706	14754	14721	15047	15047	14721	15047	15047	14721	15047	15047
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	454 3611	472 3611	(A) 3611	402 3611	674 3611	(A) 3611	839 3611	874 3611	(A) 3611	951 3611	991 3611	(A) 3611	1531 3611	1594 3611
45.27	Output RPM	76	39	26	76	39	26	76	39	26	76	39	26	76	39	26
	Input HP (Max) (C)	9.86	5.00	3.21	16.31	9.18	6.10	18.18	9.23	6.12	18.18	9.23	6.12	18.18	9.23	6.12
	Output Torque, In-Lb	8158	8158	7908	13493	14964	15016	15032	15047	15047	15032	15047	15047	15032	15047	15047
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	452 3611	472 3611	(A) 3611	396 3611	666 3611	(A) 3611	840 3611	875 3611	(A) 3611	953 3611	992 3611	(A) 3611	1532 3611	1595 3611
48.95	Output RPM	70	36	24	70	36	24	70	36	24	70	36	24	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.11	15.35	8.53	5.66	16.83	8.53	5.66	16.83	8.53	5.65	---	---	---
	Output Torque, In-Lb	8821	8821	8279	13732	15047	15047	15047	15047	15047	15047	15047	15047	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	453 3611	472 3611	(A) 3611	391 3611	660 3611	(A) 3611	841 3611	876 3611	(A) 3611	954 3611	993 3611	---	---	---
53.16	Output RPM	65	33	22	65	33	22	65	33	22	65	33	22	---	---	---
	Input HP (Max) (C)	9.29	5.00	2.97	14.38	7.86	5.21	15.49	7.86	5.21	15.49	7.86	5.21	---	---	---
	Output Torque, In-Lb	9025	9578	8572	13965	15047	15047	15047	15047	15047	15047	15047	15047	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	472 3611	(A) 3611	385 3611	653 3611	(A) 3611	842 3611	877 3611	(A) 3611	955 3611	994 3611	---	---	---
58.78	Output RPM	59	30	20	59	30	20	59	30	20	59	30	20	---	---	---
	Input HP (Max) (C)	8.57	5.00	2.86	13.26	7.11	4.71	14.01	7.11	4.71	14.01	7.11	4.71	---	---	---
	Output Torque, In-Lb	9201	10584	9131	14241	15047	15047	15047	15047	15047	15047	15047	15047	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	454 3611	471 3611	(A) 3611	379 3611	650 3611	(A) 3611	843 3611	878 3611	(A) 3611	956 3611	995 3611	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-146	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate DOUBLE REDUCTION

SIZE: MW882
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
63.67	Output RPM	54	27	18	54	27	18	54	27	18	54	27	18	---	---	---
	Input HP (Max) (C)	8.02	4.70	2.69	12.42	6.56	4.35	12.94	6.56	4.35	12.94	6.56	4.35	---	---	---
	Output Torque, In-Lb	9330	10769	9290	14448	15047	15047	15047	15047	15047	15047	15047	15047	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	454 3611	471 3611	(A) 3611	373 3611	643 3611	(A) 3611	844 3611	878 3611	(A) 3611	957 3611	996 3611	---	---	---
71.75	Output RPM	48	24	16	48	24	16	48	24	16	---	---	---	---	---	---
	Input HP (Max) (C)	7.26	4.30	2.58	11.24	5.82	3.86	11.48	5.82	3.86	---	---	---	---	---	---
	Output Torque, In-Lb	9514	11102	10065	14729	15047	15047	15047	15047	15047	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	455 3611	472 3611	(A) 3611	369 3611	641 3611	(A) 3611	844 3611	879 3611	---	---	---	---	---	---
78.56	Output RPM	44	22	15	44	22	15	44	22	15	---	---	---	---	---	---
	Input HP (Max) (C)	6.72	3.98	2.47	9.98	5.32	3.53	9.98	5.32	3.53	---	---	---	---	---	---
	Output Torque, In-Lb	9646	11256	10557	14323	15047	15047	15047	15047	15047	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	455 3611	471 3611	(A) 3611	364 3611	743 3611	(A) 3611	844 3611	879 3611	---	---	---	---	---	---
87.50	Output RPM	39	20	13	39	20	13	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	6.12	3.63	2.29	6.98	4.77	2.60	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	9786	11426	10886	11150	15047	12343	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	472 3611	(A) 3611	621 3611	743 3611	---	---	---	---	---	---	---	---	---
100.06	Output RPM	34	17	12	---	---	---	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	4.42	3.22	1.64	---	---	---	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	8074	11619	8935	---	---	---	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	475 3611	---	---	---	---	---	---	---	---	---	---	---	---
110.96	Output RPM	31	16	10	---	---	---	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	3.03	2.94	1.13	---	---	---	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	6142	11750	6797	---	---	---	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	475 3611	---	---	---	---	---	---	---	---	---	---	---	---
123.05	Output RPM	28	14	9	---	---	---	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	2.17	2.68	0.81	---	---	---	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	4875	11880	5394	---	---	---	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 3611	456 3611	476 3611	---	---	---	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-146	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate TRIPLE REDUCTION

**SIZE: MW883
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	
39.78	Output RPM	---	---	---	---	---	---	---	---	---	87	44	29	87	44	29	87	44	29	
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	19.63	10.36	6.87	19.63	11.74	7.78	19.63	11.74	7.78	
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	14266	14837	14837	14266	16817	16817	14266	16817	16817	
	OHL Input Shaft	---	---	---	---	---	---	---	---	---	(A) 713	742	(A) 840	874	(A) 840	874	(A) 958	997	958	997
	OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
47.99	Output RPM	---	---	---	---	---	---	---	---	---	72	36	24	72	36	24	72	36	24	
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	17.63	9.73	6.45	17.63	9.73	6.45	17.63	9.73	6.45	
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	15456	16817	16817	15456	16817	16817	15456	16817	16817	
	OHL Input Shaft	---	---	---	---	---	---	---	---	---	(A) 713	742	(A) 839	874	(A) 839	874	(A) 958	997	958	997
	OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
57.59	Output RPM	---	---	---	60	30	20	60	30	20	60	30	20	60	30	20	60	30	20	
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.86	5.00	3.32	15.83	8.11	5.37	15.83	8.11	5.37	15.83	8.11	5.37	
	Output Torque, In-Lb	---	---	---	5097	5097	5097	10376	10376	10376	16656	16817	16817	16656	16817	16817	16656	16817	16817	
	OHL Input Shaft	---	---	---	(A) 346	360	(A) 454	473	(A) 707	737	(A) 842	877	(A) 842	877	(A) 959	998	(A) 959	998	959	998
	OHL Output Shaft (B)	---	---	---	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
67.50	Output RPM	---	---	---	51	26	17	51	26	17	51	26	17	51	26	17	51	26	17	
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.86	5.00	3.32	13.64	6.92	4.59	13.64	6.92	4.59	13.64	6.92	4.59	
	Output Torque, In-Lb	---	---	---	5975	5975	5975	12163	12163	12163	16817	16817	16817	16817	16817	16817	16817	16817	16817	
	OHL Input Shaft	---	---	---	(A) 346	360	(A) 452	471	(A) 710	736	(A) 844	878	(A) 844	878	(A) 959	998	(A) 959	998	959	998
	OHL Output Shaft (B)	---	---	---	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
80.45	Output RPM	---	---	---	43	22	14	43	22	14	43	22	14	43	22	14	43	22	14	
	Input HP (Max) (C)	---	---	---	4.85	2.46	1.63	9.86	5.00	3.32	11.44	5.80	3.85	11.44	5.80	3.85	11.44	5.80	3.85	
	Output Torque, In-Lb	---	---	---	7121	7121	7121	14496	14496	14496	16817	16817	16817	16817	16817	16817	16817	16817	16817	
	OHL Input Shaft	---	---	---	(A) 346	360	(A) 456	474	(A) 710	739	(A) 844	879	(A) 844	879	(A) 959	998	(A) 959	998	959	998
	OHL Output Shaft (B)	---	---	---	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
87.25	Output RPM	40	20	13	40	20	13	40	20	13	40	20	13	40	20	13	40	20	13	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.25	10.55	5.35	3.55	10.55	5.35	3.55	10.55	5.35	3.55	
	Output Torque, In-Lb	6344	6344	6344	7723	7723	7723	15721	15721	15721	15721	16817	16817	16817	16817	16817	16817	16817	16817	
	OHL Input Shaft	(A) 219	226	(A) 346	360	(A) 456	474	(A) 711	741	(A) 845	879	(A) 845	879	(A) 951	990	(A) 951	990	951	990	
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
97.39	Output RPM	35	18	12	35	18	12	35	18	12	35	18	12	35	18	12	35	18	12	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.45	4.79	3.11	9.45	4.79	3.18	9.45	4.79	3.18	9.45	4.79	3.18	
	Output Torque, In-Lb	7081	7081	7081	8620	8620	8620	16817	16817	16817	16817	16817	16817	16817	16817	16817	16817	16817	16817	
	OHL Input Shaft	(A) 219	228	(A) 346	360	(A) 456	475	(A) 712	742	(A) 845	879	(A) 845	879	(A) 951	990	(A) 951	990	951	990	
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
105.48	Output RPM	33	17	11	33	17	11	33	17	11	33	17	11	33	17	11	33	17	11	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	8.73	4.43	2.93	8.73	4.43	2.93	8.73	4.43	2.93	8.73	4.43	2.93	
	Output Torque, In-Lb	7669	7669	7669	9336	9336	9336	16817	16817	16817	16817	16817	16817	16817	16817	16817	16817	16817	16817	
	OHL Input Shaft	(A) 218	227	(A) 346	360	(A) 456	475	(A) 713	742	(A) 845	879	(A) 845	879	(A) 953	991	(A) 953	991	953	991	
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
119.55	Output RPM	29	15	10	29	15	10	29	15	10	29	15	10	29	15	10	29	15	10	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	7.70	3.91	2.59	7.70	3.91	2.59	7.70	3.91	2.59	7.70	3.91	2.59	
	Output Torque, In-Lb	8692	8692	8692	10582	10582	10582	16817	16817	16817	16817	16817	16817	16817	16817	16817	16817	16817	16817	
	OHL Input Shaft	(A) 217	226	(A) 346	360	(A) 457	475	(A) 714	743	(A) 845	879	(A) 845	879	(A) 954	993	(A) 954	993	954	993	
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-146	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate TRIPLE REDUCTION

**SIZE: MW883
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
128.79	Output RPM	27	14	9	27	14	9	27	14	9	27	14	9	27	14	9	27	14	9
	Input HP (Max) (C)	3.88	2.02	1.34	4.85	2.46	1.63	7.15	3.63	2.40	7.15	3.63	2.40	7.15	3.63	2.40	7.15	3.63	2.40
	Output Torque, In-Lb OHL Input Shaft	9140 (A)	9364 218	9364 227	11399 (A)	11399 346	11399 359	16817 (A)	16817 457	16817 475	16817 (A)	16817 714	16817 743	16817 (A)	16817 845	16817 879	16817 (A)	16817 955	16817 994
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
139.26	Output RPM	25	13	8	25	13	8	25	13	8	25	13	8	25	13	8	25	13	8
	Input HP (Max) (C)	3.66	1.99	1.34	4.85	2.46	1.63	6.61	3.35	2.22	6.61	3.35	2.22	6.61	3.35	2.22	6.61	3.35	2.22
	Output Torque, In-Lb OHL Input Shaft	9302 (A)	9962 217	10125 226	12326 (A)	12326 345	12326 359	16817 (A)	16817 453	16817 471	16817 (A)	16817 714	16817 743	16817 (A)	16817 845	16817 879	16817 (A)	16817 956	16817 995
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
151.22	Output RPM	23	12	8	23	12	8	23	12	8	23	12	8	23	12	8	23	12	8
	Input HP (Max) (C)	3.43	1.86	1.28	4.85	2.46	1.63	6.09	3.09	2.05	6.09	3.09	2.05	6.09	3.09	2.05	6.09	3.09	2.05
	Output Torque, In-Lb OHL Input Shaft	9467 (A)	10139 218	10508 226	13385 (A)	13385 345	13385 359	16817 (A)	16817 454	16817 471	16817 (A)	16817 714	16817 743	16817 (A)	16817 837	16817 879	16817 (A)	16817 956	16817 996
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
167.20	Output RPM	21	10	7	21	10	7	21	10	7	21	10	7	21	10	7	21	10	7
	Input HP (Max) (C)	3.16	1.72	1.18	4.85	2.46	1.63	5.51	2.79	1.85	5.51	2.79	1.85	5.51	2.79	1.85	5.51	2.79	1.85
	Output Torque, In-Lb OHL Input Shaft	9655 (A)	10342 218	10719 226	14799 (A)	14799 344	14799 358	16817 (A)	16817 453	16817 472	16817 (A)	16817 715	16817 743	16817 (A)	16817 838	16817 872	16817 (A)	16817 957	16817 996
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
181.13	Output RPM	19	10	6	19	10	6	19	10	6	19	10	6	19	10	6	19	10	6
	Input HP (Max) (C)	2.96	1.61	1.11	4.85	2.46	1.56	5.08	2.58	1.71	5.08	2.58	1.71	5.08	2.58	1.71	5.08	2.58	1.71
	Output Torque, In-Lb OHL Input Shaft	9797 (A)	10495 218	10879 226	16032 (A)	16032 344	15380 358	16817 (A)	16817 454	16817 473	16817 (A)	16817 715	16817 744	16817 (A)	16817 839	16817 873	16817 (A)	16817 957	16817 997
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611
204.11	Output RPM	17	9	6	17	9	6	17	9	6	17	9	6	17	9	6	---	---	---
	Input HP (Max) (C)	2.68	1.46	1.00	4.51	2.29	1.45	4.51	2.29	1.52	4.51	2.29	1.52	4.51	2.29	1.52	---	---	---
	Output Torque, In-Lb OHL Input Shaft	10001 (A)	10707 218	11098 227	16817 (A)	16817 344	16112 358	16817 (A)	16817 455	16817 473	16817 (A)	16817 715	16817 744	16817 (A)	16817 840	16817 874	---	---	---
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	---	---	---
223.47	Output RPM	15	8	5	15	8	5	15	8	5	15	8	5	15	8	5	---	---	---
	Input HP (Max) (C)	2.48	1.35	0.93	4.12	2.09	1.37	4.12	2.09	1.39	4.12	2.09	1.39	4.12	2.09	1.39	---	---	---
	Output Torque, In-Lb OHL Input Shaft	10138 (A)	10859 218	11254 227	16817 (A)	16817 344	16681 358	16817 (A)	16817 456	16817 474	16817 (A)	16817 715	16817 744	16817 (A)	16817 841	16817 875	---	---	---
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	3611	---	---	---
248.92	Output RPM	14	7	5	14	7	5	14	7	5	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	2.26	1.23	0.84	3.70	1.88	1.24	3.70	1.88	1.24	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb OHL Input Shaft	10293 (A)	11024 219	11427 227	16817 (A)	16817 345	16817 359	16817 (A)	16817 456	16817 474	---	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	---	---	---	---	---	---	---	---	---
284.63	Output RPM	12	6	4	12	6	4	12	6	4	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	2.01	1.09	0.75	3.23	1.64	1.09	3.23	1.64	1.09	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb OHL Input Shaft	10469 (A)	11212 219	11621 227	16817 (A)	16817 345	16817 359	16817 (A)	16817 456	16817 475	---	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-146	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate TRIPLE REDUCTION

SIZE: MW883
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
315.64	Output RPM	11	6	4	11	6	4	11	6	4	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	1.84	1.00	0.69	2.92	1.48	0.98	2.92	1.48	0.98	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb OHL Input Shaft (A)	10593	11342	11758	16817	16817	16817	16817	16817	16817	---	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	---	---	---	---	---	---	---	---	---
350.03	Output RPM	10	5	3	10	5	3	10	5	3	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	1.67	0.91	0.62	2.17	1.33	0.81	2.17	1.33	0.81	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb OHL Input Shaft (A)	10703	11465	11884	13869	16817	15343	13869	16817	15343	---	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	3611	3611	3611	3611	3611	3611	3611	3611	3611	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-146	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

DOUBLE REDUCTION

SIZE: MW1082

60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
9.52	Output RPM	---	---	---	---	---	---	---	---	---	362	184	122	362	184	122	362	184	122
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	64.54	32.74	20.52	89.63	45.47	29.26	114.72	74.16	49.83
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	11224	11224	10611	15588	15588	15136	19951	25426	25775
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	(A) 949 (A) 5433	989 5433	(A) 1473 (A) 5433	1582 5433	(A) 1710 (A) 5433	1579 5433	(A) 1710 (A) 5433	2058 5433	2058 5433
11.08	Output RPM	---	---	---	---	---	---	---	---	---	311	158	105	311	158	105	311	158	105
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	64.54	32.74	20.18	89.63	45.47	28.08	105.97	66.01	44.35
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	13059	13059	12142	18135	18135	16897	21442	26332	26687
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	(A) 948 (A) 5433	989 5433	(A) 1439 (A) 5433	1579 5433	(A) 1729 (A) 5433	1579 5433	(A) 1729 (A) 5433	2077 5433	2077 5433
12.28	Output RPM	---	---	---	---	---	---	281	143	94	281	143	94	281	143	94	281	143	94
	Input HP (Max) (C)	---	---	---	---	---	---	27.34	13.87	9.19	64.54	32.74	19.88	89.63	45.47	27.17	100.24	60.87	40.9
	Output Torque, In-Lb	---	---	---	---	---	---	6131	6131	6131	14474	14474	13260	20100	20100	18122	22478	26911	27277
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	---	---	---	(A) 838 (A) 5433	872 5433	872 5433	(A) 943 (A) 5433	987 5433	(A) 1413 (A) 5433	1577 5433	(A) 1741 (A) 5433	1577 5433	(A) 1741 (A) 5433	2089 5433	2089 5433
14.59	Output RPM	---	---	---	237	120	80	237	120	80	237	120	80	237	120	80	237	120	80
	Input HP (Max) (C)	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	64.54	32.74	19.25	89.63	45.47	25.49	91.02	52.98	35.59
	Output Torque, In-Lb	---	---	---	5441	5441	5441	7285	7285	7285	17199	17199	15260	23885	23885	20201	24255	27831	28206
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) 713 5433	735 5433	(A) 843 5433	877 5433	(A) 949 5433	990 5433	(A) 1360 5433	1575 5433	(A) 1758 5433	1575 5433	(A) 1758 5433	2107 5433	2107 5433	2107 5433	2107 5433
16.83	Output RPM	---	---	---	205	104	69	205	104	69	205	104	69	205	104	69	205	104	69
	Input HP (Max) (C)	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	64.54	32.74	18.60	83.79	43.55	23.97	83.79	47.09	31.63
	Output Torque, In-Lb	---	---	---	6279	6279	6279	8408	8408	8408	19850	19850	17015	25769	26405	21927	25769	28547	28929
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) 713 5433	742 5433	(A) 843 5433	877 5433	(A) 951 5433	990 5433	(A) 1332 5433	1587 5433	(A) 1771 5433	1587 5433	(A) 1771 5433	2120 5433	2120 5433	2120 5433	2120 5433
19.78	Output RPM	---	---	---	174	88	59	174	88	59	174	88	59	174	88	59	174	88	59
	Input HP (Max) (C)	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	64.22	31.85	17.75	76.05	40.41	22.24	76.05	41.13	27.63
	Output Torque, In-Lb	---	---	---	7378	7378	7378	9880	9880	9880	23206	22693	19079	27480	28786	23902	27480	29303	29696
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) 711 5433	741 5433	(A) 842 5433	876 5433	(A) 951 5433	986 5433	(A) 1266 5433	1586 5433	(A) 1783 5433	1586 5433	(A) 1783 5433	2132 5433	2132 5433	2132 5433	2132 5433
21.18	Output RPM	---	---	---	163	83	55	163	83	55	163	83	55	163	83	55	163	83	55
	Input HP (Max) (C)	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	43.88	29.24	17.70	43.88	29.24	20.52	43.88	29.24	20.52
	Output Torque, In-Lb	---	---	---	7898	7898	7898	10576	10576	10576	16974	22299	20361	16974	22299	23604	16974	22299	23604
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) 713 5433	742 5433	(A) 841 5433	877 5433	(A) 946 5433	876 5433	(A) 1472 5433	1590 5433	(A) 1772 5433	1590 5433	(A) 1772 5433	2355 5433	2355 5433	2355 5433	2355 5433
24.89	Output RPM	139	70	47	139	70	47	139	70	47	139	70	47	139	70	47	139	70	47
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.19	39.96	26.63	16.87	39.96	26.63	18.68	39.96	26.63	18.68
	Output Torque, In-Lb	4485	4485	4485	9285	9285	9285	12432	12432	12432	18172	23873	22815	18172	23873	25269	18172	23873	25269
	OHL Input Shaft OHL Output Shaft (B)	(A) 5433 5433	471 5433	471 5433	(A) 711 5433	741 5433	(A) 841 5433	876 5433	(A) 946 5433	876 5433	(A) 1472 5433	1591 5433	(A) 1772 5433	1591 5433	(A) 1772 5433	2349 5433	2349 5433	2349 5433	2349 5433
28.56	Output RPM	121	61	41	121	61	41	121	61	41	121	61	41	121	61	41	121	61	41
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.19	36.83	24.54	16.09	36.83	24.54	17.22	36.83	24.54	17.22
	Output Torque, In-Lb	5146	5146	5146	10653	10653	10653	14264	14264	14264	19214	25243	24959	19214	25243	26716	19214	25243	26716
	OHL Input Shaft OHL Output Shaft (B)	(A) 5433 5433	473 5433	473 5433	(A) 709 5433	738 5433	(A) 838 5433	873 5433	(A) 946 5433	988 5433	(A) 1467 5433	1591 5433	(A) 1783 5433	1591 5433	(A) 1783 5433	2343 5433	2343 5433	2343 5433	2343 5433

(A) (B) (C) - See Footnote page on inside back cover
 NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-162	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate DOUBLE REDUCTION

SIZE: MW1082
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
33.71	Output RPM	102	52	34	102	52	34	102	52	34	102	52	34	102	52	34	102	52	34
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.19	33.30	22.19	15.20	33.30	22.19	15.57	33.30	22.19	15.57
	Output Torque, In-Lb	6073	6073	6073	12573	12573	12573	16835	16835	16835	20505	26936	27839	20505	26936	28509	20505	26936	28509
	OHL Input Shaft OHL Output Shaft (B)	(A) 452 5433	470 5433	470 5433	(A) 710 5433	740 5433	740 5433	(A) 839 5433	874 5433	874 5433	(A) 946 5433	994 5433	994 5433	(A) 1459 5433	1592 5433	1592 5433	(A) 2001 5433	2333 5433	2333 5433
36.54	Output RPM	94	48	32	94	48	32	94	48	32	94	48	32	94	48	32	94	48	32
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.57	27.34	13.87	9.07	31.69	21.11	14.39	31.69	21.11	14.81	31.69	21.11	14.81
	Output Torque, In-Lb	6583	6583	6583	13628	13628	13039	18248	18248	17998	21148	27780	28557	21148	27780	29405	21148	27780	29405
	OHL Input Shaft OHL Output Shaft (B)	(A) 456 5433	474 5433	474 5433	(A) 708 5433	739 5433	739 5433	(A) 757 5433	873 5433	873 5433	(A) 956 5433	995 5433	995 5433	(A) 1454 5433	1592 5433	1592 5433	(A) 1996 5433	2328 5433	2328 5433
40.62	Output RPM	85	43	29	85	43	29	85	43	29	85	43	29	85	43	29	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.11	27.34	13.87	8.48	29.66	19.76	13.38	29.66	19.76	13.64	---	---	---
	Output Torque, In-Lb	7319	7319	7319	15152	15152	13486	20288	20288	18707	22007	28912	29526	22007	28912	30093	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 456 5433	474 5433	474 5433	(A) 711 5433	740 5433	740 5433	(A) 587 5433	2503 5433	2503 5433	(A) 956 5433	995 5433	995 5433	(A) 1449 5433	1593 5433	1593 5433	---	---	---
44.12	Output RPM	78	40	26	78	40	26	78	40	26	78	40	26	78	40	26	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.32	19.63	10.32	5.88	25.86	13.87	8.18	28.15	18.76	12.55	28.15	18.76	12.55	---	---	---
	Output Torque, In-Lb	7950	7950	7950	15826	16400	14103	20847	22038	19607	22693	29811	30093	22693	29811	30093	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 455 5433	474 5433	474 5433	(A) 709 5433	739 5433	739 5433	(A) 440 5433	872 5433	872 5433	(A) 956 5433	986 5433	986 5433	(A) 1443 5433	1594 5433	1594 5433	---	---	---
48.81	Output RPM	71	36	24	71	36	24	71	36	24	71	36	24	71	36	24	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.25	18.15	9.79	5.58	23.80	13.87	7.79	26.21	17.12	11.35	26.21	17.12	11.35	---	---	---
	Output Torque, In-Lb	8794	8794	8609	16182	17201	14792	21220	24376	20652	23366	30093	30093	23366	30093	30093	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 454 5433	473 5433	473 5433	(A) 472 5433	738 5433	738 5433	(A) 246 5433	871 5433	871 5433	(A) 949 5433	989 5433	989 5433	(A) 1448 5433	1595 5433	1595 5433	---	---	---
52.40	Output RPM	66	33	22	66	33	22	66	33	22	66	33	22	66	33	22	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.13	17.15	9.37	5.34	22.43	13.34	7.48	24.92	15.95	10.57	24.92	15.95	10.57	---	---	---
	Output Torque, In-Lb	9441	9441	8903	16413	17679	15203	21466	25176	21307	23852	30093	30093	23852	30093	30093	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 453 5433	473 5433	473 5433	(A) 444 5433	738 5433	738 5433	(A) 194 5433	870 5433	870 5433	(A) 951 5433	991 5433	991 5433	(A) 1453 5433	1596 5433	1596 5433	---	---	---
56.47	Output RPM	61	31	21	61	31	21	61	31	21	61	31	21	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	5.00	2.98	16.14	8.87	5.06	21.05	12.55	7.13	23.63	14.80	9.81	---	---	---	---	---	---
	Output Torque, In-Lb	10174	10174	9141	16648	18040	15517	21717	25532	21875	24377	30093	30093	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 454 5433	473 5433	473 5433	(A) 428 5433	739 5433	739 5433	(A) 187 5433	870 5433	870 5433	(A) 952 5433	988 5433	988 5433	---	---	---	---	---	---
61.12	Output RPM	56	29	19	56	29	19	56	29	19	56	29	19	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	5.00	2.87	15.13	8.45	4.87	19.67	11.76	6.90	22.34	13.67	9.06	---	---	---	---	---	---
	Output Torque, In-Lb	11012	11012	9545	16888	18596	16165	21963	25893	22924	24947	30093	30093	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 452 5433	473 5433	473 5433	(A) 390 5433	738 5433	738 5433	(A) 181 5433	867 5433	867 5433	(A) 950 5433	990 5433	990 5433	---	---	---	---	---	---
66.48	Output RPM	52	26	17	52	26	17	52	26	17	52	26	17	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	4.83	2.76	14.10	7.88	4.67	18.29	10.96	6.67	21.05	12.57	8.33	---	---	---	---	---	---
	Output Torque, In-Lb	11979	11571	9982	17123	18863	16880	22212	26245	24105	25568	30093	30093	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 456 5433	473 5433	473 5433	(A) 384 5433	737 5433	737 5433	(A) 176 5433	779 5433	779 5433	(A) 952 5433	992 5433	992 5433	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-162	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
DOUBLE REDUCTION

SIZE: MW1082
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
72.74	Output RPM	47	24	16	47	24	16	47	24	16	47	24	16	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	4.63	2.65	13.07	7.30	4.48	16.90	10.16	6.46	18.94	11.49	7.05	---	---	---	---	---	---
	Output Torque, In-Lb	13107	12128	10463	17364	19121	17715	22464	26614	25522	25171	30093	27862	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 5433	455 5433	472 5433	(A) 5433	379 5433	742 5433	(A) 5433	168 5433	668 5433	(A) 5433	954 5433	996 5433	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover

NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-162	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
TRIPLE REDUCTION

SIZE: MW1083
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
49.04	Output RPM	---	---	---	---	---	---	---	---	---	70	36	24	70	36	24	70	36	24
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	27.34	13.87	9.19	31.24	17.04	11.29	31.24	17.04	11.29
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	24492	24492	24492	27983	30093	30093	27983	30093	30093
	OHL Input Shaft	---	---	---	---	---	---	---	---	---	(A)	838	873	(A)	952	992	(A)	1532	1595
OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	---	5433	5433	5433	5433	5433	5433	5433	5433	5433
59.81	Output RPM	---	---	---	---	---	---	58	29	19	58	29	19	58	29	19	58	29	19
	Input HP (Max) (C)	---	---	---	---	---	---	20.42	10.36	6.87	27.11	13.87	9.19	27.11	13.97	9.26	27.11	13.97	9.26
	Output Torque, In-Lb	---	---	---	---	---	---	22310	22310	22310	29618	29873	29873	29618	30093	30093	29618	30093	30093
	OHL Input Shaft	---	---	---	---	---	---	(A)	713	742	(A)	843	868	(A)	956	995	(A)	1533	1596
OHL Output Shaft (B)	---	---	---	---	---	---	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433
70.08	Output RPM	---	---	---	---	---	---	49	25	17	49	25	17	49	25	17	---	---	---
	Input HP (Max) (C)	---	---	---	---	---	---	20.42	10.36	6.73	23.50	11.92	7.90	23.50	11.92	7.90	---	---	---
	Output Torque, In-Lb	---	---	---	---	---	---	26142	26142	25645	30093	30093	30093	30093	30093	30093	---	---	---
	OHL Input Shaft	---	---	---	---	---	---	(A)	713	742	(A)	838	873	(A)	957	996	---	---	---
OHL Output Shaft (B)	---	---	---	---	---	---	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---
82.39	Output RPM	42	21	14	42	21	14	42	21	14	42	21	14	42	21	14	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	3.32	20.00	10.14	6.35	20.00	10.14	6.72	20.00	10.14	6.72	---	---	---
	Output Torque, In-Lb	7292	7292	7292	14844	14844	14844	30093	30093	28434	30093	30093	30093	30093	30093	30093	---	---	---
	OHL Input Shaft	(A)	346	360	(A)	453	471	(A)	712	742	(A)	836	871	(A)	958	997	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---
94.52	Output RPM	36	19	12	36	19	12	36	19	12	36	19	12	36	19	12	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	3.32	17.43	8.84	5.86	17.43	8.84	5.86	17.43	8.84	5.86	---	---	---
	Output Torque, In-Lb	8366	8366	8366	17031	17031	17031	30093	30093	30093	30093	30093	30093	30093	30093	30093	---	---	---
	OHL Input Shaft	(A)	346	360	(A)	454	473	(A)	713	742	(A)	840	874	(A)	958	998	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---
111.56	Output RPM	31	16	10	31	16	10	31	16	10	31	16	10	31	16	10	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	3.32	14.77	7.49	4.96	14.77	7.49	4.96	14.77	7.49	4.96	---	---	---
	Output Torque, In-Lb	9874	9874	9874	20102	20102	20102	30093	30093	30093	30093	30093	30093	30093	30093	30093	---	---	---
	OHL Input Shaft	(A)	346	360	(A)	452	470	(A)	714	743	(A)	842	876	(A)	959	998	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---
120.93	Output RPM	29	14	10	29	14	10	29	14	10	29	14	10	29	14	10	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	3.32	13.62	6.91	4.58	13.62	6.91	4.58	13.62	6.91	4.58	---	---	---
	Output Torque, In-Lb	10703	10703	10703	21788	21788	21788	30093	30093	30093	30093	30093	30093	30093	30093	30093	---	---	---
	OHL Input Shaft	(A)	346	360	(A)	456	474	(A)	714	736	(A)	843	877	(A)	959	998	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---
134.45	Output RPM	26	13	9	26	13	9	26	13	9	26	13	9	26	13	9	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	3.25	12.25	6.22	4.12	12.25	6.22	4.12	12.25	6.22	4.12	---	---	---
	Output Torque, In-Lb	11900	11900	11900	24225	24225	23715	30093	30093	30093	30093	30093	30093	30093	30093	30093	---	---	---
	OHL Input Shaft	(A)	346	360	(A)	456	474	(A)	709	738	(A)	843	878	(A)	959	998	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---
146.04	Output RPM	24	12	8	24	12	8	24	12	8	24	12	8	---	---	---	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	3.13	11.28	5.72	3.79	11.28	5.72	3.79	---	---	---	---	---	---
	Output Torque, In-Lb	12926	12926	12926	26314	26314	24816	30093	30093	30093	30093	30093	30093	---	---	---	---	---	---
	OHL Input Shaft	(A)	346	360	(A)	455	475	(A)	710	736	(A)	844	878	---	---	---	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---	---	---	---	

(A) (B) (C) - See Footnote page on inside back cover
 NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-162	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate TRIPLE REDUCTION

**SIZE: MW1083
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		---			140TC			180TC			---			210TC			250TC		
		80D			90D			100D			112D			132D			160D		
		80			90			100			112			132			160		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
161.54	Output RPM	21	11	7	21	11	7	21	11	7	21	11	7	---	---	---	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	2.98	10.20	5.17	3.43	10.20	5.17	3.43	---	---	---	---	---	---
	Output Torque, In-Lb	14298	14298	14298	29106	29106	26152	30093	30093	30093	30093	30093	30093	---	---	---	---	---	---
	OHL Input Shaft	(A)	346	360	(A)	454	475	(A)	709	738	(A)	844	879	---	---	---	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---	---	---	---	
173.42	Output RPM	20	10	7	20	10	7	20	10	7	20	10	7	---	---	---	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	9.50	4.82	2.87	9.50	4.82	3.19	9.50	4.82	3.19	---	---	---	---	---	---
	Output Torque, In-Lb	15350	15350	15350	30093	30093	27083	30093	30093	30093	30093	30093	30093	---	---	---	---	---	---
	OHL Input Shaft	(A)	346	359	(A)	454	475	(A)	710	739	(A)	844	879	---	---	---	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---	---	---	---	
186.89	Output RPM	18	9	6	18	9	6	18	9	6	18	9	6	---	---	---	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	8.81	4.47	2.76	8.81	4.47	2.96	8.81	4.47	2.96	---	---	---	---	---	---
	Output Torque, In-Lb	16542	16542	16542	30093	30093	28060	30093	30093	30093	30093	30093	30093	---	---	---	---	---	---
	OHL Input Shaft	(A)	345	359	(A)	455	474	(A)	711	740	(A)	845	879	---	---	---	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---	---	---	---	
202.29	Output RPM	17	9	6	17	9	6	17	9	6	17	9	6	---	---	---	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	8.14	4.13	2.65	8.14	4.13	2.74	8.14	4.13	2.74	---	---	---	---	---	---
	Output Torque, In-Lb	17904	17904	17904	30093	30093	29094	30093	30093	30093	30093	30093	30093	---	---	---	---	---	---
	OHL Input Shaft	(A)	345	359	(A)	455	474	(A)	712	741	(A)	845	879	---	---	---	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---	---	---	---	
220.05	Output RPM	16	8	5	16	8	5	16	8	5	16	8	5	---	---	---	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.63	7.49	3.80	2.52	7.49	3.80	2.52	7.49	3.80	2.52	---	---	---	---	---	---
	Output Torque, In-Lb	19476	19476	19476	30093	30093	30093	30093	30093	30093	30093	30093	30093	---	---	---	---	---	---
	OHL Input Shaft	(A)	344	358	(A)	456	474	(A)	712	742	(A)	845	879	---	---	---	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---	---	---	---	
240.77	Output RPM	14	7	5	14	7	5	14	7	5	14	7	5	---	---	---	---	---	---
	Input HP (Max) (C)	4.85	2.46	1.56	6.84	3.47	2.30	6.84	3.47	2.30	6.84	3.47	2.30	---	---	---	---	---	---
	Output Torque, In-Lb	21310	21310	20438	30093	30093	30093	30093	30093	30093	30093	30093	30093	---	---	---	---	---	---
	OHL Input Shaft	(A)	344	358	(A)	456	475	(A)	713	742	(A)	845	879	---	---	---	---	---	---
OHL Output Shaft (B)	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	5433	---	---	---	---	---	---	

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-162	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
DOUBLE REDUCTION

SIZE: MW1282
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
6.86	Output RPM	---	---	---	---	---	---	---	---	---	503	255	169	503	255	169	503	255	169
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	89.63	45.47	30.14	182.55	92.60	61.38	199.92	133.21	74.42
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	11227	11227	11227	22867	22867	22867	25041	32894	27724
	OHL Input Shaft	---	---	---	---	---	---	---	---	---	(A)	1523	1587	(A)	1739	2487	(A)	2184	2284
	OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	(A)	6777	6777	(A)	6777	6777	(A)	6777	6777
9.12	Output RPM	---	---	---	---	---	---	---	---	---	378	192	127	378	192	127	378	192	127
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	89.63	45.47	30.14	174.06	92.60	61.18	174.06	115.99	71.76
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	14938	14938	14938	29009	30425	30325	29009	38108	35571
	OHL Input Shaft	---	---	---	---	---	---	---	---	---	(A)	1474	1586	(A)	1631	2470	(A)	2191	2274
	OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	(A)	6777	6777	(A)	6777	6777	(A)	6777	6777
10.56	Output RPM	---	---	---	---	---	---	327	166	110	327	166	110	327	166	110	327	166	110
	Input HP (Max) (C)	---	---	---	---	---	---	64.54	32.08	17.88	89.63	45.47	30.14	161.31	92.60	59.69	161.31	107.48	69.87
	Output Torque, In-Lb	---	---	---	---	---	---	12455	12206	10262	17297	17297	17297	31129	35229	34259	31129	40891	40099
	OHL Input Shaft	---	---	---	---	---	---	(A)	950	992	(A)	1442	1585	(A)	1562	2490	(A)	2194	2287
	OHL Output Shaft (B)	---	---	---	---	---	---	(A)	6777	6777	(A)	6777	6777	(A)	6777	6777	(A)	6777	6777
12.47	Output RPM	---	---	---	---	---	---	277	140	93	277	140	93	277	140	93	277	140	93
	Input HP (Max) (C)	---	---	---	---	---	---	64.54	30.93	17.24	89.63	45.47	30.14	147.43	92.60	57.33	147.43	98.14	65.97
	Output Torque, In-Lb	---	---	---	---	---	---	14705	13894	11681	20421	20421	20421	33588	41592	38845	33588	44080	44699
	OHL Input Shaft	---	---	---	---	---	---	(A)	950	993	(A)	1397	1578	(A)	1297	2489	(A)	2194	2288
	OHL Output Shaft (B)	---	---	---	---	---	---	(A)	6777	6777	(A)	6777	6777	(A)	6777	6777	(A)	6777	6777
13.92	Output RPM	---	---	---	248	126	83	248	126	83	248	126	83	248	126	83	248	126	83
	Input HP (Max) (C)	---	---	---	27.34	13.87	9.19	64.54	30.05	16.74	89.63	45.47	30.14	138.63	89.76	55.53	138.63	89.76	60.33
	Output Torque, In-Lb	---	---	---	6955	6955	6955	16418	15070	12668	22801	22801	22801	35264	45011	42012	35264	45011	45639
	OHL Input Shaft	---	---	---	(A)	838	873	(A)	950	993	(A)	1363	1585	(A)	1177	2487	(A)	2198	2291
	OHL Output Shaft (B)	---	---	---	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
16.27	Output RPM	---	---	---	212	108	71	212	108	71	212	108	71	212	108	71	212	108	71
	Input HP (Max) (C)	---	---	---	27.34	13.87	9.19	64.54	28.68	15.98	89.63	45.47	29.02	126.76	78.94	52.96	126.76	78.94	53.05
	Output Torque, In-Lb	---	---	---	8126	8126	8126	19185	16806	14130	26642	26642	26642	37678	46256	46815	37678	46256	46898
	OHL Input Shaft	---	---	---	(A)	843	869	(A)	949	994	(A)	1308	1584	(A)	1219	2479	(A)	2183	2278
	OHL Output Shaft (B)	---	---	---	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
18.65	Output RPM	---	---	---	185	94	62	185	94	62	185	94	62	185	94	62	185	94	62
	Input HP (Max) (C)	---	---	---	27.34	13.87	9.19	64.54	27.30	15.21	89.63	45.47	27.54	116.96	70.38	47.30	116.96	70.38	47.30
	Output Torque, In-Lb	---	---	---	9317	9317	9317	21995	18337	15415	30545	30545	27908	39856	47282	47943	39856	47282	47943
	OHL Input Shaft	---	---	---	(A)	843	877	(A)	947	994	(A)	1218	1580	(A)	1250	2487	(A)	2192	2285
	OHL Output Shaft (B)	---	---	---	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
21.57	Output RPM	---	---	---	160	81	54	160	81	54	160	81	54	160	81	54	160	81	54
	Input HP (Max) (C)	---	---	---	27.34	13.87	9.19	63.18	25.68	14.32	89.63	45.47	25.89	107.16	62.20	41.80	107.16	62.20	41.80
	Output Torque, In-Lb	---	---	---	10772	10772	10772	24892	19947	16774	35315	35315	30335	42219	48313	48980	42219	48313	48980
	OHL Input Shaft	---	---	---	(A)	842	877	(A)	946	994	(A)	1008	1576	(A)	1278	2492	(A)	2198	2291
	OHL Output Shaft (B)	---	---	---	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
22.39	Output RPM	154	78	52	154	78	52	154	78	52	154	78	52	154	78	52	154	78	52
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.19	61.33	25.23	14.06	89.63	45.47	25.42	104.76	60.26	40.50	104.76	60.26	40.50
	Output Torque, In-Lb	8350	8350	8350	11180	11180	11180	25082	20342	17103	36654	36654	30920	42839	48581	49258	42839	48581	49258
	OHL Input Shaft	(A)	708	738	(A)	841	876	(A)	946	995	(A)	950	1590	(A)	1284	2493	(A)	2199	2292
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-178	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

SIZE: MW1282

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

60 HZ

DOUBLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
23.96	Output RPM	144	73	48	144	73	48	144	73	48	144	73	48	144	73	48	144	73	48
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.19	64.54	32.74	19.83	80.05	45.47	30.14	78.02	51.99	36.47	78.02	51.99	36.47
	Output Torque, In-Lb	8939	8939	8939	11969	11969	11969	28256	28256	25819	35044	39240	39240	34157	44868	47491	34157	44868	47491
	OHL Input Shaft	(A)	713	742	(A)	843	869	(A)	949	985	(A)	1360	1578	(A)	1771	2090	(A)	2201	2290
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
24.77	Output RPM	139	71	47	139	71	47	139	71	47	139	71	47	139	71	47	139	71	47
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.07	56.53	24.08	13.42	76.66	43.37	24.37	98.42	55.23	37.12	98.42	55.23	37.12
	Output Torque, In-Lb	9239	9239	9239	12371	12371	12202	25580	21482	18063	34688	38689	32801	44536	49267	49951	44536	49267	49951
	OHL Input Shaft	(A)	711	735	(A)	839	875	(A)	953	995	(A)	1300	1591	(A)	1900	2495	(A)	2201	2295
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
27.66	Output RPM	125	63	42	125	63	42	125	63	42	125	63	42	125	63	42	125	63	42
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.19	64.54	32.74	19.44	71.23	45.47	30.14	70.30	46.84	32.86	70.30	46.84	32.86
	Output Torque, In-Lb	10316	10316	10316	13813	13813	13813	32610	32610	29209	35989	45287	45287	35518	46656	49383	35518	46656	49383
	OHL Input Shaft	(A)	713	742	(A)	843	877	(A)	951	990	(A)	1332	1583	(A)	1775	2094	(A)	2203	2293
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
32.50	Output RPM	106	54	36	106	54	36	106	54	36	106	54	36	106	54	36	106	54	36
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.19	62.56	32.74	19.11	62.56	41.68	28.57	62.56	41.68	28.57	62.56	41.68	28.57
	Output Torque, In-Lb	12122	12122	12122	16231	16231	16231	37137	38317	33733	37137	48785	50451	37137	48785	50451	37137	48785	50451
	OHL Input Shaft	(A)	711	740	(A)	842	877	(A)	948	986	(A)	1266	1548	(A)	1775	2110	(A)	2205	2296
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
36.83	Output RPM	94	48	31	94	48	31	94	48	31	94	48	31	94	48	31	94	48	31
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.19	57.17	32.74	18.42	57.17	38.04	25.21	57.17	38.04	25.21	57.17	38.04	25.21
	Output Torque, In-Lb	13736	13736	13736	18393	18393	18393	38460	43421	36850	38460	50451	50451	38460	50451	50451	38460	50451	50451
	OHL Input Shaft	(A)	708	738	(A)	839	874	(A)	944	992	(A)	1199	1569	(A)	1774	2131	(A)	2206	2298
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
43.21	Output RPM	80	40	27	80	40	27	80	40	27	80	40	27	80	40	27	80	40	27
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.19	50.97	31.21	17.72	50.97	32.42	21.49	50.97	32.42	21.49	50.97	32.42	21.49
	Output Torque, In-Lb	16119	16119	16119	21583	21583	21583	40236	48580	41601	40236	50451	50451	40236	50451	50451	40236	50451	50451
	OHL Input Shaft	(A)	709	739	(A)	840	869	(A)	940	992	(A)	1206	1590	(A)	1797	2154	(A)	2205	2300
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
47.14	Output RPM	73	37	25	73	37	25	73	37	25	73	37	25	73	37	25	---	---	---
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.19	47.70	29.19	16.82	47.89	29.72	19.70	47.89	29.72	19.70	---	---	---
	Output Torque, In-Lb	17585	17585	17585	23545	23545	23545	41080	49561	43079	41244	50451	50451	41244	50451	50451	---	---	---
	OHL Input Shaft	(A)	712	736	(A)	837	873	(A)	940	992	(A)	1235	1580	(A)	1807	2165	---	---	---
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	---	---	---
51.43	Output RPM	67	34	23	67	34	23	67	34	23	67	34	23	67	34	23	---	---	---
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.19	44.37	27.24	16.06	45.01	27.24	18.06	45.01	27.24	18.06	---	---	---
	Output Torque, In-Lb	19182	19182	19182	25684	25684	25684	41687	50451	44880	42285	50451	50451	42285	50451	50451	---	---	---
	OHL Input Shaft	(A)	556	740	(A)	611	873	(A)	940	992	(A)	1262	1584	(A)	1818	2175	---	---	---
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	---	---	---
55.50	Output RPM	62	32	21	62	32	21	62	32	21	62	32	21	62	32	21	---	---	---
	Input HP (Max) (C)	19.74	10.36	6.83	25.84	13.87	8.83	41.60	25.24	15.05	42.63	25.24	16.73	42.63	25.24	16.73	---	---	---
	Output Torque, In-Lb	20008	20700	20597	26196	27718	26609	42174	50451	45392	43224	50451	50451	43224	50451	50451	---	---	---
	OHL Input Shaft	(A)	514	738	(A)	674	877	(A)	940	992	(A)	1281	1586	(A)	1826	2183	---	---	---
	OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
 NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-178	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
DOUBLE REDUCTION

SIZE: MW1282
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
62.03	Output RPM	56	28	19	56	28	19	56	28	19	56	28	19	---	---	---	---	---	---
	Input HP (Max) (C)	18.04	9.82	6.58	23.50	13.87	8.49	37.82	22.59	14.51	39.39	22.59	14.97	---	---	---	---	---	---
	Output Torque, In-Lb	20439	21926	22161	26630	30978	28611	42848	50451	48911	44632	50451	50451	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	(A) 437 6777	736 6777	(A) 253 6777	836 6777	(A) 369 6777	990 6777	(A) 1307 6777	1583 6777	---	---	---	---	---	---	---	---	---
66.44	Output RPM	52	26	17	52	26	17	52	26	17	52	26	17	---	---	---	---	---	---
	Input HP (Max) (C)	17.05	9.28	6.32	22.14	13.60	8.16	35.62	21.08	13.98	37.50	21.08	13.98	---	---	---	---	---	---
	Output Torque, In-Lb	20691	22194	22798	26878	32535	29462	43237	50451	50451	45516	50451	50451	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	(A) 432 6777	724 6777	(A) 153 6777	792 6777	(A) 414 6777	989 6777	(A) 1323 6777	1586 6777	---	---	---	---	---	---	---	---	---
71.45	Output RPM	48	24	16	48	24	16	48	24	16	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	16.04	8.73	6.00	20.79	12.80	7.87	33.43	19.61	13.00	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	20940	22467	23306	27134	32939	30565	43637	50451	50451	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	(A) 428 6777	700 6777	(A) 147 6777	728 6777	(A) 453 6777	991 6777	---	---	---	---	---	---	---	---	---	---	---
77.17	Output RPM	45	23	15	45	23	15	45	23	15	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	15.03	8.18	5.62	19.43	11.99	7.46	31.23	18.15	12.03	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	21195	22742	23580	27388	33322	31274	44026	50451	50451	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	(A) 423 6777	695 6777	(A) 141 6777	695 6777	(A) 495 6777	993 6777	---	---	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-178	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

SIZE: MW1283

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

60 HZ

TRIPLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/ 200D 180		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
43.47	Output RPM	---	---	---	---	---	---	---	---	---	79	40	27	79	40	27	79	40	27
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	59.02	32.74	20.52	59.02	34.49	22.86	59.02	34.49	22.86
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	46864	51253	48451	46864	53991	53991	46864	53991	53989
	OHL Input Shaft	---	---	---	---	---	---	---	---	---	(A)	949	989	(A)	1529	1592	(A)	2096	2451
OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
50.57	Output RPM	---	---	---	---	---	---	---	---	---	68	35	23	68	35	23	68	35	23
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	53.93	29.64	19.65	53.93	29.64	19.65	53.93	29.64	19.65
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	49820	53991	53991	49820	53991	53991	49820	53991	53989
	OHL Input Shaft	---	---	---	---	---	---	---	---	---	(A)	951	991	(A)	1518	1582	(A)	2115	2470
OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
56.05	Output RPM	---	---	---	---	---	---	62	31	21	62	31	21	62	31	21	62	31	21
	Input HP (Max) (C)	---	---	---	---	---	---	27.34	13.87	9.19	50.68	26.75	17.73	50.68	26.75	17.73	50.68	26.75	17.73
	Output Torque, In-Lb	---	---	---	---	---	---	27995	27995	27995	51890	53991	53991	51890	53991	53991	51890	53991	53989
	OHL Input Shaft	---	---	---	---	---	---	(A)	837	872	(A)	953	993	(A)	1523	1586	(A)	2127	2484
OHL Output Shaft (B)	---	---	---	---	---	---	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
66.61	Output RPM	---	---	---	52	26	17	52	26	17	52	26	17	52	26	17	52	26	17
	Input HP (Max) (C)	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	44.37	22.51	14.92	44.37	22.51	14.92	44.37	22.51	14.92
	Output Torque, In-Lb	---	---	---	24845	24845	24845	33267	33267	33267	53991	53991	53991	53991	53991	53991	53991	53991	53991
	OHL Input Shaft	---	---	---	(A)	713	742	(A)	843	877	(A)	955	994	(A)	1521	1584	(A)	2144	2502
OHL Output Shaft (B)	---	---	---	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777
76.87	Output RPM	---	---	---	45	23	15	45	23	15	45	23	15	45	23	15	---	---	---
	Input HP (Max) (C)	---	---	---	20.42	10.36	6.87	27.34	13.87	9.19	38.45	19.50	12.93	38.45	19.50	12.93	---	---	---
	Output Torque, In-Lb	---	---	---	28673	28673	28673	38393	38393	38393	53991	53991	53991	53991	53991	53991	---	---	---
	OHL Input Shaft	---	---	---	(A)	713	742	(A)	843	877	(A)	956	986	(A)	1526	1589	---	---	---
OHL Output Shaft (B)	---	---	---	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	---	---	---	---
90.32	Output RPM	38	19	13	38	19	13	38	19	13	38	19	13	38	19	13	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.19	32.72	16.60	11.00	32.72	16.60	11.00	---	---	---
	Output Torque, In-Lb	16274	16274	16274	33691	33691	33691	45112	45112	45112	53991	53991	53991	53991	53991	53991	---	---	---
	OHL Input Shaft	(A)	453	471	(A)	711	740	(A)	841	876	(A)	951	991	(A)	1529	1593	---	---	---
OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	---	---	---	---
102.35	Output RPM	34	17	11	34	17	11	34	17	11	34	17	11	34	17	11	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.07	28.87	14.65	9.71	28.87	14.65	9.71	---	---	---
	Output Torque, In-Lb	18442	18442	18442	38179	38179	38179	51121	51121	50422	53991	53991	53991	53991	53991	53991	---	---	---
	OHL Input Shaft	(A)	454	473	(A)	708	738	(A)	838	874	(A)	949	989	(A)	1531	1594	---	---	---
OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	---	---	---	---
120.11	Output RPM	29	15	10	29	15	10	29	15	10	29	15	10	29	15	10	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.41	24.61	12.48	8.27	24.61	12.48	8.27	24.61	12.48	8.27	---	---	---
	Output Torque, In-Lb	21642	21642	21642	44802	44802	41853	53991	53991	53991	53991	53991	53991	53991	53991	53991	---	---	---
	OHL Input Shaft	(A)	452	470	(A)	709	737	(A)	839	874	(A)	953	992	(A)	1532	1595	---	---	---
OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	---	---	---	---
131.03	Output RPM	26	13	9	26	13	9	26	13	9	26	13	9	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.15	22.56	11.44	7.58	22.56	11.44	7.58	---	---	---	---	---	---
	Output Torque, In-Lb	23609	23609	23609	48875	48875	43812	53991	53991	53991	53991	53991	53991	---	---	---	---	---	---
	OHL Input Shaft	(A)	456	474	(A)	712	736	(A)	841	876	(A)	955	994	---	---	---	---	---	---
OHL Output Shaft (B)	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	6777	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-178	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
TRIPLE REDUCTION

SIZE: MW1283
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
142.93	Output RPM	24	12	8	24	12	8	24	12	8	24	12	8	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.25	20.42	10.34	5.89	20.68	10.49	6.95	20.68	10.49	6.95	---	---	---	---	---	---
	Output Torque, In-Lb	25754	25754	25243	53314	53213	45775	53991	53991	53991	53991	53991	53991	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	456 6777	475 6777	(A) 6777 6777	630 6777	736 6777	(A) 6777 6777	842 6777	877 6777	(A) 6777 6777	955 6777	995 6777	---	---	---	---	---	---
154.25	Output RPM	22	11	8	22	11	8	22	11	8	22	11	8	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	5.00	3.14	19.16	9.72	5.67	19.16	9.72	6.44	19.16	9.72	6.44	---	---	---	---	---	---
	Output Torque, In-Lb	27792	27792	26292	53991	53991	47480	53991	53991	53991	53991	53991	53991	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	455 6777	475 6777	(A) 6777 6777	627 6777	735 6777	(A) 6777 6777	843 6777	877 6777	(A) 6777 6777	956 6777	996 6777	---	---	---	---	---	---
172.39	Output RPM	20	10	7	20	10	7	20	10	7	20	10	7	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	5.00	2.97	17.14	8.70	5.33	17.14	8.70	5.76	17.14	8.70	5.76	---	---	---	---	---	---
	Output Torque, In-Lb	31062	31062	27801	53991	53991	49965	53991	53991	53991	53991	53991	53991	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	454 6777	475 6777	(A) 6777 6777	654 6777	739 6777	(A) 6777 6777	843 6777	878 6777	(A) 6777 6777	957 6777	996 6777	---	---	---	---	---	---
184.67	Output RPM	19	9	6	19	9	6	19	9	6	19	9	6	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	5.00	2.86	16.00	8.12	5.14	16.00	8.12	5.38	16.00	8.12	5.38	---	---	---	---	---	---
	Output Torque, In-Lb	33274	33274	28727	53991	53991	51587	53991	53991	53991	53991	53991	53991	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	452 6777	475 6777	(A) 6777 6777	670 6777	739 6777	(A) 6777 6777	844 6777	878 6777	(A) 6777 6777	957 6777	997 6777	---	---	---	---	---	---
198.58	Output RPM	17	9	6	17	9	6	17	9	6	17	9	6	---	---	---	---	---	---
	Input HP (Max) (C)	9.86	4.81	2.75	14.88	7.55	4.94	14.88	7.55	5.00	14.88	7.55	5.00	---	---	---	---	---	---
	Output Torque, In-Lb	35781	34418	29694	53991	53991	53346	53991	53991	53991	53991	53991	53991	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	452 6777	474 6777	(A) 6777 6777	685 6777	738 6777	(A) 6777 6777	844 6777	879 6777	(A) 6777 6777	958 6777	997 6777	---	---	---	---	---	---
214.48	Output RPM	16	8	5	16	8	5	16	8	5	16	8	5	---	---	---	---	---	---
	Input HP (Max) (C)	9.70	4.61	2.64	13.78	6.99	4.63	13.78	6.99	4.63	13.78	6.99	4.63	---	---	---	---	---	---
	Output Torque, In-Lb	38012	35607	30719	53991	53991	53991	53991	53991	53991	53991	53991	53991	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 6777 6777	452 6777	474 6777	(A) 6777 6777	700 6777	739 6777	(A) 6777 6777	844 6777	879 6777	(A) 6777 6777	958 6777	997 6777	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-178	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

DOUBLE REDUCTION

SIZE: MW1482

60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
7.54	Output RPM	---	---	---	457	232	154	457	232	154	457	232	154	457	232	154
	Input HP (Max) (C)	---	---	---	89.63	45.47	30.14	182.55	92.60	61.38	269.08	137.50	75.24	265.03	144.74	99.71
	Output Torque, In-Lb	---	---	---	12353	12353	12353	25159	25159	25159	37083	37358	30838	36526	39324	40871
	OHL Input Shaft	---	---	---	(A)	1524	1586	(A)	1745	2102	(A)	2182	2284	(A)	2111	2528
	OHL Output Shaft (B)	---	---	---	(A)	9664	10832	(A)	9664	10832	(A)	9664	10832	(A)	9664	10832
9.86	Output RPM	---	---	---	350	178	118	350	178	118	350	178	118	350	178	118
	Input HP (Max) (C)	---	---	---	89.63	45.47	30.14	182.55	92.60	61.38	233.86	127.72	72.64	230.15	125.71	86.62
	Output Torque, In-Lb	---	---	---	16140	16140	16140	32873	32873	32873	42111	45340	38905	41443	44625	46391
	OHL Input Shaft	---	---	---	(A)	1490	1585	(A)	1640	1994	(A)	2124	2272	(A)	2108	2523
	OHL Output Shaft (B)	---	---	---	(A)	9664	10832	(A)	9664	10832	(A)	9664	10832	(A)	9664	10832
11.61	Output RPM	297	151	100	297	151	100	297	151	100	297	151	100	297	151	100
	Input HP (Max) (C)	64.54	32.62	18.18	89.63	45.47	30.14	182.55	92.60	60.02	212.55	116.11	70.25	209.08	114.22	78.70
	Output Torque, In-Lb	13689	13640	11469	19010	19010	19010	38717	37861	45078	48545	44310	44344	47765	49640	
	OHL Input Shaft	(A)	949	992	(A)	1451	1580	(A)	1546	1933	(A)	2081	2286	(A)	2069	2520
	OHL Output Shaft (B)	(A)	10832	11478	(A)	10832	11478	(A)	10832	11478	(A)	10832	11478	(A)	10832	11478
13.32	Output RPM	259	131	87	259	131	87	259	131	87	259	131	87	259	131	87
	Input HP (Max) (C)	64.54	31.72	17.67	89.63	45.47	30.14	181.39	92.60	58.10	195.15	106.60	67.90	191.91	104.84	72.23
	Output Torque, In-Lb	15700	15212	12787	21804	21804	21804	44124	44407	42034	47470	51121	49124	46684	50276	52258
	OHL Input Shaft	(A)	946	992	(A)	1415	1585	(A)	1309	1884	(A)	2048	2284	(A)	2037	2515
	OHL Output Shaft (B)	(A)	10832	11478	(A)	10832	11478	(A)	10832	11478	(A)	10832	11478	(A)	10832	11478
14.68	Output RPM	235	119	79	235	119	79	235	119	79	235	119	79	235	119	79
	Input HP (Max) (C)	64.54	30.96	17.25	89.63	45.47	30.14	170.81	92.60	56.53	183.16	100.04	66.02	180.08	98.38	67.79
	Output Torque, In-Lb	17304	16363	13757	24031	24031	24031	45795	48944	45073	49105	52878	52645	48280	51997	54052
	OHL Input Shaft	(A)	944	992	(A)	1384	1584	(A)	1123	1849	(A)	2027	2278	(A)	2016	2514
	OHL Output Shaft (B)	9664	10832	11478	9664	10832	11478	9664	10832	11478	9664	10832	11478	9664	10832	11478
17.35	Output RPM	199	101	67	199	101	67	199	101	67	199	101	67	199	101	67
	Input HP (Max) (C)	64.54	29.43	16.40	89.63	45.47	29.37	153.46	91.16	53.57	163.28	89.21	61.24	160.51	87.69	60.43
	Output Torque, In-Lb	20462	18393	15464	28417	28417	27688	48654	56976	50511	51766	55757	57746	50888	54804	56979
	OHL Input Shaft	(A)	951	993	(A)	1325	1588	(A)	810	1788	(A)	1990	2291	(A)	1980	2510
	OHL Output Shaft (B)	9664	10832	11478	9664	10832	11478	9664	10832	11478	9664	10832	11478	9664	10832	11478
19.78	Output RPM	174	88	59	174	88	59	174	88	59	174	88	59	174	88	59
	Input HP (Max) (C)	64.54	28.07	15.65	89.63	45.47	27.90	139.12	81.47	51.29	148.67	81.21	54.78	146.10	79.81	54.77
	Output Torque, In-Lb	23322	19998	16815	32388	32388	29982	50270	58038	55118	53721	57853	58867	52791	56852	58865
	OHL Input Shaft	(A)	951	993	(A)	1235	1589	(A)	843	1628	(A)	1967	2276	(A)	1958	2510
	OHL Output Shaft (B)	9664	11478	11478	9664	11478	11478	9664	11478	11478	9664	11478	11478	9664	11478	11478
22.74	Output RPM	152	77	51	152	77	51	152	77	51	152	77	51	152	77	51
	Input HP (Max) (C)	63.37	26.49	14.76	89.63	45.47	26.27	123.94	72.24	48.56	133.10	72.24	48.56	131.60	71.89	48.56
	Output Torque, In-Lb	26329	21701	18244	37243	37243	32466	51496	59173	60008	55303	59173	60008	54681	58883	60006
	OHL Input Shaft	(A)	948	993	(A)	1029	1566	(A)	870	1465	(A)	1941	2282	(A)	1936	2527
	OHL Output Shaft (B)	9664	11478	11478	9664	11478	11478	9664	11478	11478	9664	11478	11478	9664	11478	11478

(A) (B) (C) - See Footnote page on inside back cover
 NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-194	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate DOUBLE REDUCTION

SIZE: MW1482
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
26.00	Output RPM	133	67	45	133	67	45	133	67	45	133	67	45	133	67	45
	Input HP (Max) (C)	56.81	24.91	13.88	81.28	45.02	24.78	110.56	64.28	43.22	118.50	64.28	43.22	118.50	64.28	43.22
	Output Torque, In-Lb	26984	23326	19611	38605	42154	35002	52515	60187	61057	56284	60187	61057	56284	60187	61055
	OHL Input Shaft OHL Output Shaft (B)	(A) 10832	946 11478	992 11478	(A) 10832	828 11478	1538 11478	(A) 10832	889 11478	1485 11478	(A) 10832	1969 11478	2286 11478	(A) 10832	1917 11478	2539 11478
26.51	Output RPM	130	66	44	130	66	44	130	66	44	130	66	44	130	66	44
	Input HP (Max) (C)	64.54	32.74	19.88	89.63	45.47	30.14	113.66	74.17	49.16	113.66	74.17	49.16	113.66	74.17	49.16
	Output Torque, In-Lb	31257	31257	28635	43408	43408	43408	55043	70808	70808	55043	70808	70808	55043	70808	70806
	OHL Input Shaft OHL Output Shaft (B)	(A) 10832	944 11478	990 11478	(A) 10832	1308 11478	1587 11478	(A) 10832	1379 11478	1869 11478	(A) 10832	2199 11478	2293 11478	(A) 10832	2270 11478	2723 11478
30.39	Output RPM	114	58	38	114	58	38	114	58	38	114	58	38	114	58	38
	Input HP (Max) (C)	64.54	32.74	19.41	89.33	45.47	30.14	111.96	64.69	42.88	111.96	64.69	42.88	111.96	64.69	42.88
	Output Torque, In-Lb	35836	35836	32057	49598	49766	49766	62164	70808	70808	62164	70808	70808	62164	70808	70806
	OHL Input Shaft OHL Output Shaft (B)	(A) 10832	950 11478	987 11478	(A) 10832	1218 11478	1542 11478	(A) 10832	1462 11478	1904 11478	(A) 10832	2204 11478	2297 11478	(A) 10832	2302 11478	2757 11478
35.14	Output RPM	98	50	33	98	50	33	98	50	33	98	50	33	98	50	33
	Input HP (Max) (C)	63.45	32.74	19.09	79.37	45.47	30.14	95.52	55.95	37.09	95.52	55.95	37.09	95.52	55.95	37.09
	Output Torque, In-Lb	40730	41432	36447	50951	57538	57538	61317	70808	70808	61317	70808	70808	61317	70808	70806
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	951 11478	992 11478	(A) 11478	1008 11478	1481 11478	(A) 11478	1539 11478	1937 11478	(A) 11478	2207 11478	2279 11478	(A) 11478	2330 11478	2775 11478
36.47	Output RPM	95	48	32	95	48	32	95	48	32	95	48	32	---	---	---
	Input HP (Max) (C)	61.61	32.74	18.53	76.98	45.47	30.14	100.03	53.91	35.73	100.03	53.91	35.73	---	---	---
	Output Torque, In-Lb	41048	43003	36723	51288	59720	59720	66647	70808	70808	66647	70808	70808	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	879 11478	992 11478	(A) 11478	948 11478	(A) 11478	(A) 11478	1559 11478	1946 11478	(A) 11478	2207 11478	2281 11478	---	---	---
40.36	Output RPM	85	43	29	85	43	29	85	43	29	85	43	29	---	---	---
	Input HP (Max) (C)	56.79	32.46	18.09	70.74	43.37	30.14	87.52	48.72	32.29	87.52	48.72	32.29	---	---	---
	Output Torque, In-Lb	41869	47182	39662	52152	63040	63040	64521	70808	70808	64521	70808	70808	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	569 11478	992 11478	(A) 11478	880 11478	(A) 11478	(A) 11478	1606 11478	1965 11478	(A) 11478	2208 11478	2287 11478	---	---	---
47.23	Output RPM	73	37	25	73	37	25	73	37	25	73	37	25	---	---	---
	Input HP (Max) (C)	49.91	28.82	17.39	61.87	38.47	27.59	82.06	41.63	27.59	82.06	41.63	27.59	---	---	---
	Output Torque, In-Lb	43064	49030	44632	53386	65435	70808	70808	70808	70808	70808	70808	70808	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	524 11478	989 11478	(A) 11478	862 11478	(A) 11478	(A) 11478	1633 11478	1991 11478	(A) 11478	2190 11478	2285 11478	---	---	---
51.15	Output RPM	67	34	23	67	34	23	67	34	23	67	34	23	---	---	---
	Input HP (Max) (C)	46.67	27.05	16.66	57.75	36.13	25.48	75.16	38.44	25.48	75.16	38.44	25.48	---	---	---
	Output Torque, In-Lb	43609	49839	46304	53962	66561	70808	70231	70808	70808	70231	70808	70808	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	508 11478	988 11478	(A) 11478	851 11478	(A) 11478	(A) 11478	1644 11478	2001 11478	(A) 11478	2195 11478	2289 11478	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-194	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

SELECTION



MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

DOUBLE REDUCTION

SIZE: MW1482

60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
57.09	Output RPM	60	31	20	60	31	20	60	31	20	---	---	---	---	---	---
	Input HP (Max) (C)	42.51	24.76	15.79	67.89	33.08	22.83	67.89	34.44	22.83	---	---	---	---	---	---
	Output Torque, In-Lb	44336	50900	48976	70808	68018	70808	70808	70808	70808	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	484 11478	986 11478	(A) 11478	842 11478	(A) 11478	(A) 11478	1660 11478	2016 11478	---	---	---	---	---	---
60.53	Output RPM	57	29	19	57	29	19	57	29	19	---	---	---	---	---	---
	Input HP (Max) (C)	40.43	23.59	15.54	64.04	31.54	21.53	64.04	32.48	21.53	---	---	---	---	---	---
	Output Torque, In-Lb	44699	51431	51107	70808	68755	70808	70808	70808	70808	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	475 11478	991 11478	(A) 11478	836 11478	(A) 11478	(A) 11478	1667 11478	2024 11478	---	---	---	---	---	---
68.61	Output RPM	50	26	17	50	26	17	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	36.22	21.24	14.61	56.49	28.42	18.99	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	45399	52492	54483	70808	70228	70808	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	455 11478	989 11478	(A) 11478	825 11478	(A) 11478	---	---	---	---	---	---	---	---	---
73.42	Output RPM	47	24	16	47	24	16	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	34.12	20.06	13.80	52.80	26.78	17.75	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	45760	53027	55031	70808	70808	70808	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	442 11478	990 11478	(A) 11478	824 11478	(A) 11478	---	---	---	---	---	---	---	---	---
77.21	Output RPM	45	23	15	---	---	---	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	32.63	19.21	13.22	---	---	---	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	46028	53415	55445	---	---	---	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	437 11478	990 11478	---	---	---	---	---	---	---	---	---	---	---	---
83.32	Output RPM	41	21	14	---	---	---	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	30.48	17.98	12.37	---	---	---	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	46399	53965	56009	---	---	---	---	---	---	---	---	---	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	427 11478	987 11478	---	---	---	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
 NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-194	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
TRIPLE REDUCTION

SIZE: MW1483
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/ 200D 180			320TC 225D 225		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
29.33	Output RPM	---	---	---	---	---	---	---	---	---	118	60	40	118	60	40	118	60	40
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	89.63	45.47	30.14	96.45	66.24	46.77	96.45	66.24	46.77
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	48018	48018	48018	51667	69959	74516	51667	69959	74516
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	(A) 10832	(A) 1328	1382	(A) 10832	(A) 1937	2262	(A) 10832	(A) 2204	2296
39.02	Output RPM	---	---	---	---	---	---	---	---	---	88	45	30	88	45	30	88	45	30
	Input HP (Max) (C)	---	---	---	---	---	---	---	---	---	81.75	45.47	30.14	81.75	54.80	36.32	81.75	54.80	36.32
	Output Torque, In-Lb	---	---	---	---	---	---	---	---	---	58268	63889	63889	58268	77004	77004	58268	77004	77004
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	---	---	---	---	---	---	(A) 11478	(A) 1326	1381	(A) 11478	(A) 1959	2315	(A) 11478	(A) 2207	2299
45.18	Output RPM	---	---	---	---	---	---	76	39	26	76	39	26	76	39	26	76	39	26
	Input HP (Max) (C)	---	---	---	---	---	---	64.54	32.74	18.27	74.87	45.47	30.14	74.87	47.33	31.37	74.87	47.33	31.37
	Output Torque, In-Lb	---	---	---	---	---	---	53269	53269	44842	61796	73977	73977	61796	77004	77004	61796	77004	77004
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	---	---	---	(A) 11478	(A) 948	992	(A) 11478	(A) 1324	1380	(A) 11478	(A) 1988	2344	(A) 11478	(A) 2187	2280
53.34	Output RPM	---	---	---	---	---	---	65	33	22	65	33	22	65	33	22	65	33	22
	Input HP (Max) (C)	---	---	---	---	---	---	64.54	31.67	17.65	67.66	40.09	26.57	67.66	40.09	26.57	67.66	40.09	26.57
	Output Torque, In-Lb	---	---	---	---	---	---	62891	60842	51157	65926	77004	77004	65926	77004	77004	65926	77004	77004
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	---	---	---	(A) 11478	(A) 946	992	(A) 11478	(A) 1328	1383	(A) 11478	(A) 2015	2371	(A) 11478	(A) 2197	2290
59.55	Output RPM	---	---	---	58	29	19	58	29	19	58	29	19	58	29	19	---	---	---
	Input HP (Max) (C)	---	---	---	27.34	13.87	9.19	63.22	30.82	17.17	63.22	35.90	23.80	63.22	35.90	23.80	---	---	---
	Output Torque, In-Lb	---	---	---	29744	29744	29744	68783	66102	55571	68783	77004	77004	68783	77004	77004	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) 11478	(A) 843	870	(A) 11478	(A) 944	993	(A) 11478	(A) 1330	1385	(A) 11478	(A) 2030	2387	---	---	---
69.59	Output RPM	---	---	---	50	25	17	50	25	17	50	25	17	50	25	17	---	---	---
	Input HP (Max) (C)	---	---	---	27.34	13.87	9.19	57.37	29.48	16.43	57.37	30.73	20.37	57.37	30.73	20.37	---	---	---
	Output Torque, In-Lb	---	---	---	34756	34756	34756	72937	73883	62122	72937	77004	77004	72937	77004	77004	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) 11478	(A) 843	877	(A) 11478	(A) 951	993	(A) 11478	(A) 1332	1387	(A) 11478	(A) 2052	2409	---	---	---
79.78	Output RPM	---	---	---	43	22	15	43	22	15	43	22	15	43	22	15	---	---	---
	Input HP (Max) (C)	---	---	---	27.34	13.87	9.19	52.63	26.80	15.67	52.63	26.80	17.76	52.63	26.80	17.76	---	---	---
	Output Torque, In-Lb	---	---	---	39847	39847	39847	76712	77004	67912	76712	77004	77004	76712	77004	77004	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) 11478	(A) 842	877	(A) 11478	(A) 953	993	(A) 11478	(A) 1333	1388	(A) 11478	(A) 2067	2423	---	---	---
92.24	Output RPM	---	---	---	37	19	13	37	19	13	37	19	13	37	19	13	---	---	---
	Input HP (Max) (C)	---	---	---	27.34	13.87	9.19	45.70	23.18	14.78	45.70	23.18	15.37	45.70	23.18	15.37	---	---	---
	Output Torque, In-Lb	---	---	---	46069	46069	46069	77004	77004	74049	77004	77004	77004	77004	77004	77004	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	---	---	---	(A) 11478	(A) 840	875	(A) 11478	(A) 950	992	(A) 11478	(A) 1334	1389	(A) 11478	(A) 2080	2436	---	---	---
95.74	Output RPM	36	18	12	36	18	12	36	18	12	36	18	12	36	18	12	---	---	---
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.19	44.03	22.33	14.53	44.03	22.33	14.80	44.03	22.33	14.80	---	---	---
	Output Torque, In-Lb	35711	35711	35711	47816	47816	47816	77004	77004	75554	77004	77004	77004	77004	77004	77004	---	---	---
	OHL Input Shaft OHL Output Shaft (B)	(A) 11478	(A) 708	738	(A) 11478	(A) 839	874	(A) 11478	(A) 951	992	(A) 11478	(A) 1334	1376	(A) 11478	(A) 2084	2439	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
 NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-194	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

SIZE: MW1483
60 HZ

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
TRIPLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180			320TC 225D 225		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
105.94	Output RPM	33	17	11	33	17	11	33	17	11	33	17	11	33	17	11	---	---	---
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.87	9.07	39.79	20.18	13.38	39.79	20.18	13.38	39.79	20.18	13.38	---	---	---
	Output Torque, In-Lb	39515	39515	39515	52910	52910	52187	77004	77004	77004	77004	77004	77004	77004	77004	77004	---	---	---
	OHL Input Shaft (A)	711	735	(A) 835	872	(A) 954	993	(A) 1324	1379	(A) 2091	2447	---	---	---	---	---	---	---	---
OHL Output Shaft (B)	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	---	---	---	
123.98	Output RPM	28	14	9	28	14	9	28	14	9	28	14	9	---	---	---	---	---	---
	Input HP (Max) (C)	20.42	10.36	6.83	27.34	13.87	8.46	34.00	17.25	11.43	34.00	17.25	11.43	---	---	---	---	---	---
	Output Torque, In-Lb	46247	46247	46003	61924	61924	56998	77004	77004	77004	77004	77004	77004	---	---	---	---	---	---
	OHL Input Shaft (A)	712	736	(A) 825	870	(A) 956	996	(A) 1324	1379	---	---	---	---	---	---	---	---	---	---
OHL Output Shaft (B)	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	---	---	---	---	---	---	
134.28	Output RPM	26	13	9	26	13	9	26	13	9	26	13	9	---	---	---	---	---	---
	Input HP (Max) (C)	20.42	10.36	6.59	27.34	13.87	8.15	31.39	15.92	10.56	31.39	15.92	10.56	---	---	---	---	---	---
	Output Torque, In-Lb	50086	50086	48071	67064	67064	59452	77004	77004	77004	77004	77004	77004	---	---	---	---	---	---
	OHL Input Shaft (A)	711	735	(A) 697	870	(A) 957	996	(A) 1326	1382	---	---	---	---	---	---	---	---	---	---
OHL Output Shaft (B)	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	---	---	---	---	---	---	
149.86	Output RPM	23	12	8	23	12	8	23	12	8	23	12	8	---	---	---	---	---	---
	Input HP (Max) (C)	19.33	10.36	6.25	26.42	13.79	7.71	28.13	14.27	9.46	28.13	14.27	9.46	---	---	---	---	---	---
	Output Torque, In-Lb	52922	55899	50899	72322	74448	62791	77004	77004	77004	77004	77004	77004	---	---	---	---	---	---
	OHL Input Shaft (A)	555	741	(A) 515	874	(A) 957	997	(A) 1329	1384	---	---	---	---	---	---	---	---	---	---
OHL Output Shaft (B)	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	---	---	---	---	---	---	
158.88	Output RPM	22	11	7	22	11	7	22	11	7	22	11	7	---	---	---	---	---	---
	Input HP (Max) (C)	18.43	10.03	6.07	25.13	13.41	7.49	26.53	13.46	8.92	26.53	13.46	8.92	---	---	---	---	---	---
	Output Torque, In-Lb	53503	57404	52418	72940	76708	64698	77004	77004	77004	77004	77004	77004	---	---	---	---	---	---
	OHL Input Shaft (A)	522	741	(A) 465	874	(A) 958	997	(A) 1330	1385	---	---	---	---	---	---	---	---	---	---
OHL Output Shaft (B)	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	---	---	---	---	---	---	
180.11	Output RPM	19	10	6	19	10	6	19	10	6	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	16.61	9.04	5.68	22.53	11.87	7.01	23.40	11.87	7.87	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	54663	58649	55629	74134	77004	68641	77004	77004	77004	---	---	---	---	---	---	---	---	---
	OHL Input Shaft (A)	514	740	(A) 496	873	(A) 958	997	---	---	---	---	---	---	---	---	---	---	---	---
OHL Output Shaft (B)	11478	11478	11478	11478	11478	11478	11478	11478	11478	---	---	---	---	---	---	---	---	---	
192.71	Output RPM	18	9	6	18	9	6	18	9	6	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	15.69	8.54	5.49	21.24	11.09	6.79	21.87	11.09	7.35	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	55253	59277	57495	74777	77004	71087	77004	77004	77004	---	---	---	---	---	---	---	---	---
	OHL Input Shaft (A)	509	740	(A) 515	872	(A) 958	997	---	---	---	---	---	---	---	---	---	---	---	---
OHL Output Shaft (B)	11478	11478	11478	11478	11478	11478	11478	11478	11478	---	---	---	---	---	---	---	---	---	
202.69	Output RPM	17	9	6	17	9	6	17	9	6	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	15.03	8.18	5.36	20.31	10.55	6.65	20.80	10.55	6.99	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	55663	59724	59002	75219	77004	73222	77004	77004	77004	---	---	---	---	---	---	---	---	---
	OHL Input Shaft (A)	507	739	(A) 526	871	(A) 958	997	---	---	---	---	---	---	---	---	---	---	---	---
OHL Output Shaft (B)	11478	11478	11478	11478	11478	11478	11478	11478	11478	---	---	---	---	---	---	---	---	---	
218.71	Output RPM	16	8	5	16	8	5	16	8	5	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	14.08	7.66	5.16	18.98	9.78	6.43	19.27	9.78	6.48	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	56261	60363	61291	75823	77004	76450	77004	77004	77004	---	---	---	---	---	---	---	---	---
	OHL Input Shaft (A)	502	739	(A) 543	878	(A) 950	989	---	---	---	---	---	---	---	---	---	---	---	---
OHL Output Shaft (B)	11478	11478	11478	11478	11478	11478	11478	11478	11478	---	---	---	---	---	---	---	---	---	

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-194	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
DOUBLE REDUCTION

SIZE: MW1682
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
7.71	Output RPM	---	---	---	---	---	---	447	227	150	447	227	150	447	227	150
	Input HP (Max) (C)	---	---	---	---	---	---	182.55	92.60	61.38	296.51	136.86	74.87	297.84	158.78	100.29
	Output Torque, In-Lb	---	---	---	---	---	---	25727	25727	25727	41788	38023	31382	41974	44114	42034
	OHL Input Shaft	---	---	---	---	---	---	(A)	1811	2102	(A)	2185	2014	(A)	2138	2640
	OHL Output Shaft (B)	---	---	---	---	---	---	(A)	15239	16653	(A)	15239	16653	(A)	15239	16653
9.71	Output RPM	---	---	---	355	180	119	355	180	119	355	180	119	355	180	119
	Input HP (Max) (C)	---	---	---	89.63	45.47	30.14	182.55	92.60	61.38	264.35	134.29	73.46	265.63	145.07	98.05
	Output Torque, In-Lb	---	---	---	15900	15900	15900	32384	32384	32384	46893	46963	38757	47120	50734	51731
	OHL Input Shaft	---	---	---	(A)	1523	1587	(A)	1734	1994	(A)	2183	1688	(A)	2110	2546
	OHL Output Shaft (B)	---	---	---	(A)	15239	16653	(A)	15239	16653	(A)	15239	16653	(A)	15239	16653
12.47	Output RPM	---	---	---	277	140	93	277	140	93	277	140	93	277	140	93
	Input HP (Max) (C)	---	---	---	89.63	45.47	30.14	182.55	92.60	60.27	229.54	125.37	70.68	230.69	126.00	86.81
	Output Torque, In-Lb	---	---	---	20413	20413	20413	41575	41575	40822	52277	56288	47876	52538	56573	58797
	OHL Input Shaft	---	---	---	(A)	1488	1585	(A)	1625	1933	(A)	2150	1386	(A)	2088	2524
	OHL Output Shaft (B)	---	---	---	(A)	16653	17897	(A)	16653	17897	(A)	16653	17897	(A)	16653	17897
14.51	Output RPM	238	121	80	238	121	80	238	121	80	238	121	80	238	121	80
	Input HP (Max) (C)	64.54	32.57	18.15	89.63	45.47	30.14	182.55	92.60	58.30	208.96	114.15	68.26	210.05	114.74	79.05
	Output Torque, In-Lb	17104	17017	14307	23754	23754	23754	48379	48379	45952	55375	59637	53800	55665	59945	62306
	OHL Input Shaft	(A)	949	992	(A)	1450	1580	(A)	1526	1884	(A)	2108	1052	(A)	2050	2519
	OHL Output Shaft (B)	15239	16653	17897	15239	16653	17897	15239	16653	17897	15239	16653	17897	15239	16653	17897
16.53	Output RPM	209	106	70	209	106	70	209	106	70	209	106	70	209	106	70
	Input HP (Max) (C)	64.54	31.66	17.64	89.63	45.47	30.14	180.24	92.60	56.31	191.80	104.78	65.82	192.83	105.33	72.57
	Output Torque, In-Lb	19495	18852	15851	27075	27075	27075	54442	55142	50590	57935	62393	59134	58244	62723	65198
	OHL Input Shaft	(A)	946	992	(A)	1413	1585	(A)	1288	1849	(A)	2077	637	(A)	2018	2513
	OHL Output Shaft (B)	15239	16653	17897	15239	16653	17897	15239	16653	17897	15239	16653	17897	15239	16653	17897
18.13	Output RPM	190	97	64	190	97	64	190	97	64	190	97	64	190	97	64
	Input HP (Max) (C)	64.54	30.91	17.23	89.63	45.47	30.09	169.84	92.60	54.70	180.10	98.38	63.92	181.08	98.91	68.15
	Output Torque, In-Lb	21380	20188	16971	29692	29692	29649	56260	60473	53893	59660	64248	62974	59984	64596	67146
	OHL Input Shaft	(A)	944	993	(A)	1383	1583	(A)	1101	1788	(A)	2056	2271	(A)	1997	2512
	OHL Output Shaft (B)	15239	17897	17897	15239	17897	17897	15239	17897	17897	15239	17897	17897	15239	17897	17897
21.85	Output RPM	158	80	53	158	80	53	158	80	53	158	80	53	158	80	53
	Input HP (Max) (C)	64.54	29.07	16.20	89.63	45.47	28.01	150.02	89.62	51.09	157.62	86.11	59.34	158.50	86.58	59.66
	Output Torque, In-Lb	25765	22879	19238	35782	35782	33260	59891	70534	60653	62924	67766	70451	63273	68138	70831
	OHL Input Shaft	(A)	951	993	(A)	1313	1578	(A)	778	1628	(A)	2015	2289	(A)	1957	2506
	OHL Output Shaft (B)	16653	17897	19910	16653	17897	19910	16653	17897	19910	16653	17897	19910	16653	17897	19910
24.28	Output RPM	142	72	48	142	72	48	142	72	48	142	72	48	142	72	48
	Input HP (Max) (C)	64.54	27.98	15.59	89.63	45.47	26.82	139.01	82.90	49.30	145.73	79.61	54.86	146.53	80.06	55.16
	Output Torque, In-Lb	28622	24462	20566	39750	39750	35381	61649	72477	65026	64629	69603	72355	64983	69991	72755
	OHL Input Shaft	(A)	950	993	(A)	1225	1590	(A)	759	1465	(A)	1998	2289	(A)	1940	2507
	OHL Output Shaft (B)	16653	17897	19910	16653	17897	19910	16653	17897	19910	16653	17897	19910	16653	17897	19910
27.50	Output RPM	125	64	42	125	64	42	125	64	42	125	64	42	125	64	42
	Input HP (Max) (C)	63.57	26.54	14.79	89.08	45.47	25.35	128.72	75.35	47.42	132.39	72.33	49.85	133.14	72.73	50.13
	Output Torque, In-Lb	31939	26287	22103	44753	45033	37883	64673	74635	70864	66515	71643	74488	66892	72040	74903
	OHL Input Shaft	(A)	948	992	(A)	1035	1587	(A)	737	1485	(A)	1977	2290	(A)	1918	2505
	OHL Output Shaft (B)	16653	17897	19910	16653	17897	19910	16653	17897	19910	16653	17897	19910	16653	17897	19910

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-210	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

SIZE: MW1682

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

60 HZ

DOUBLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
31.83	Output RPM	---	---	---	---	---	---	108	55	36	108	55	36	108	55	36
	Input HP (Max) (C)	---	---	---	---	---	---	115.45	67.13	46.25	117.89	64.41	44.37	118.55	64.77	44.63
	Output Torque, In-Lb	---	---	---	---	---	---	67139	76962	79985	68557	73836	76736	68941	74251	77197
	OHL Input Shaft	---	---	---	---	---	---	(A) 716	1869	(A) 1978	2278	(A) 1978	2278	(A) 1920	2511	
	OHL Output Shaft (B)	---	---	---	---	---	---	16653	19910	20233	16653	19910	20233	16653	19910	20233
32.07	Output RPM	108	55	36	108	55	36	108	55	36	108	55	36	108	55	36
	Input HP (Max) (C)	64.54	32.74	19.25	89.63	45.47	30.14	136.00	92.60	61.38	163.30	89.21	61.47	187.35	87.69	62.99
	Output Torque, In-Lb	37810	37811	33546	52510	52510	52510	79673	106945	106945	95665	103032	107092	109752	101273	109752
	OHL Input Shaft	(A) 944	983	(A) 1309	1583	(A) 763	1904	(A) 763	1904	(A) 1904	2288	(A) 1990	2288	(A) 1980	2467	
	OHL Output Shaft (B)	16653	19910	20233	16653	19910	20233	16653	19910	20233	16653	19910	20233	16653	19910	20233
36.55	Output RPM	94	48	32	94	48	32	94	48	32	94	48	32	94	48	32
	Input HP (Max) (C)	64.54	32.74	18.68	89.63	45.47	30.14	122.29	83.38	55.27	148.65	81.21	55.27	164.37	79.80	55.27
	Output Torque, In-Lb	43094	43095	37104	59848	59848	59848	81651	109752	109752	99254	106904	109752	109752	105048	109752
	OHL Input Shaft	(A) 950	990	(A) 1217	1528	(A) 774	1937	(A) 774	1937	(A) 1967	2286	(A) 1967	2286	(A) 1960	2503	
	OHL Output Shaft (B)	17897	19910	20233	17897	19910	20233	17897	19910	20233	17897	19910	20233	17897	19910	20233
42.03	Output RPM	82	42	28	82	42	28	82	42	28	82	42	28	82	42	28
	Input HP (Max) (C)	63.37	32.62	18.18	83.82	45.47	30.14	108.88	72.51	48.06	142.95	72.51	48.06	142.95	71.89	48.06
	Output Torque, In-Lb	48657	49378	41520	64357	68818	68818	83592	109752	109752	109752	109752	109752	109752	108812	109752
	OHL Input Shaft	(A) 951	986	(A) 1010	1460	(A) 857	1946	(A) 857	1946	(A) 1971	2280	(A) 1971	2280	(A) 1936	2538	
	OHL Output Shaft (B)	17897	19910	20233	17897	19910	20233	17897	19910	20233	17897	19910	20233	17897	19910	20233
48.04	Output RPM	72	36	24	72	36	24	72	36	24	72	36	24	72	36	24
	Input HP (Max) (C)	56.80	31.72	17.67	74.83	43.70	30.14	97.19	63.43	42.05	125.05	63.43	42.05	125.05	63.43	42.05
	Output Torque, In-Lb	49850	54885	46134	65679	75613	78668	85296	109752	109752	109752	109752	109752	109752	109752	109752
	OHL Input Shaft	(A) 671	992	(A) 869	1276	(A) 928	1965	(A) 928	1965	(A) 2043	2290	(A) 2043	2290	(A) 1982	2566	
	OHL Output Shaft (B)	17897	20233	20233	17897	20233	20233	17897	20233	20233	17897	20233	20233	17897	20233	20233
55.68	Output RPM	62	31	21	62	31	21	62	31	21	62	31	21	---	---	---
	Input HP (Max) (C)	50.19	28.97	17.25	65.87	38.97	26.82	85.52	54.74	36.28	107.91	54.74	36.28	---	---	---
	Output Torque, In-Lb	51043	58091	52187	66992	78132	81138	86984	109752	109752	109752	109752	109752	---	---	---
	OHL Input Shaft	(A) 525	990	(A) 850	1261	(A) 995	1991	(A) 995	1991	(A) 2112	2296	(A) 2112	2296	---	---	---
	OHL Output Shaft (B)	19910	20233	20233	19910	20233	20233	19910	20233	20233	19910	20233	20233	---	---	---
60.66	Output RPM	57	29	19	57	29	19	57	29	19	57	29	19	---	---	---
	Input HP (Max) (C)	46.64	27.04	16.40	61.09	36.39	25.05	99.04	50.24	33.30	99.04	50.24	33.30	---	---	---
	Output Torque, In-Lb	51682	59072	54052	67693	79493	82551	109752	109752	109752	109752	109752	109752	---	---	---
	OHL Input Shaft	(A) 507	989	(A) 840	1251	(A) 1030	2001	(A) 1030	2001	(A) 2149	2291	(A) 2149	2291	---	---	---
	OHL Output Shaft (B)	(A) 20233	20233	19910	20233	20233	19910	20233	20233	19910	20233	20233	20233	---	---	---
67.58	Output RPM	51	26	17	51	26	17	51	26	17	---	---	---	---	---	---
	Input HP (Max) (C)	42.48	24.74	15.65	55.49	33.32	22.93	88.91	45.10	29.89	---	---	---	---	---	---
	Output Torque, In-Lb	52438	60205	57446	68504	81089	84200	109752	109752	109752	---	---	---	---	---	---
	OHL Input Shaft	(A) 484	987	(A) 829	1239	(A) 1069	2016	(A) 1069	2016	---	---	---	---	---	---	---
	OHL Output Shaft (B)	19910	20233	20233	19910	20233	20233	19910	20233	20233	---	---	---	---	---	---
71.58	Output RPM	48	24	16	48	24	16	48	24	16	---	---	---	---	---	---
	Input HP (Max) (C)	40.39	23.58	14.76	52.70	31.77	21.87	83.93	42.57	28.22	---	---	---	---	---	---
	Output Torque, In-Lb	52813	60775	57414	68908	81893	85035	109752	109752	109752	---	---	---	---	---	---
	OHL Input Shaft	(A) 474	989	(A) 823	1231	(A) 1089	2024	(A) 1089	2024	---	---	---	---	---	---	---
	OHL Output Shaft (B)	19910	20233	20233	19910	20233	20233	19910	20233	20233	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
 NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-210	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

SELECTION



QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate DOUBLE REDUCTION

SIZE: MW1682
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
80.50	Output RPM	43	22	14	43	22	14	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	36.40	21.34	13.88	47.38	28.78	19.81	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	53528	61876	60720	69681	83433	86653	---	---	---	---	---	---	---	---	---
	OHL Input Shaft (A)	456	456	987	987	812	812	1223	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	19910	20233	20233	19910	20233	20233	---	---	---	---	---	---	---	---	---
86.06	Output RPM	40	20	13	40	20	13	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	34.29	20.15	12.91	44.58	27.18	18.15	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	53907	62458	60343	70091	84256	84888	---	---	---	---	---	---	---	---	---
	OHL Input Shaft (A)	444	444	990	990	807	807	1282	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	20233	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-210	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate
TRIPLE REDUCTION

SIZE: MW1683
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225			360TC 250D 250			
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	
38.51	Output RPM	---	---	---	90	45	30	90	45	30	90	45	30	90	45	30	
	Input HP (Max) (C)	---	---	---	89.63	45.47	30.14	168.58	85.51	56.68	168.58	85.51	56.68	168.58	85.51	56.68	
	Output Torque, In-Lb	---	---	---	63060	63060	63060	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603
	OHL Input Shaft	---	---	---	(A)	1523	1586	(A)	1808	2154	(A)	2188	2280	(A)	2517	2777	
	OHL Output Shaft (B)	---	---	---	17897	20233	20233	17897	20233	20233	17897	20233	20233	17897	20233	20233	
50.32	Output RPM	---	---	---	69	35	23	69	35	23	69	35	23	69	35	23	
	Input HP (Max) (C)	---	---	---	89.63	45.47	30.14	129.02	65.45	43.38	129.02	65.45	43.38	129.02	65.45	43.38	
	Output Torque, In-Lb	---	---	---	82396	82396	82396	118603	118603	118603	118603	118603	118603	118603	118603	118603	
	OHL Input Shaft	---	---	---	(A)	1478	1584	(A)	1881	2229	(A)	2204	2296	(A)	2583	2794	
	OHL Output Shaft (B)	---	---	---	17897	20233	20233	17897	20233	20233	17897	20233	20233	17897	20233	20233	
59.27	Output RPM	58	30	20	58	30	20	58	30	20	58	30	20	58	30	20	
	Input HP (Max) (C)	64.54	32.62	18.18	89.63	45.47	30.14	109.55	55.57	36.83	109.55	55.57	36.83	109.55	55.57	36.83	
	Output Torque, In-Lb	69879	69630	58549	97044	97044	97044	118603	118603	118603	118603	118603	118603	118603	118603	118603	
	OHL Input Shaft	(A)	949	992	(A)	1440	1577	(A)	1916	2263	(A)	2206	2298	(A)	2618	2797	
	OHL Output Shaft (B)	19910	20233	20233	19910	20233	20233	19910	20233	20233	19910	20233	20233	19910	20233	20233	
67.98	Output RPM	51	26	17	51	26	17	51	26	17	51	26	17	51	26	17	
	Input HP (Max) (C)	64.54	31.72	17.67	89.63	45.47	30.14	95.51	48.45	32.11	95.51	48.45	32.11	95.51	48.45	32.11	
	Output Torque, In-Lb	80149	77656	65275	111307	111307	111307	118603	118603	118603	118603	118603	118603	118603	118603	118603	
	OHL Input Shaft	(A)	946	992	(A)	1403	1585	(A)	1941	2287	(A)	2208	2300	(A)	2639	2798	
	OHL Output Shaft (B)	19910	20233	20233	19910	20233	20233	19910	20233	20233	19910	20233	20233	19910	20233	20233	
74.92	Output RPM	46	23	15	46	23	15	46	23	15	46	23	15	46	23	15	
	Input HP (Max) (C)	64.54	30.96	17.25	86.66	43.96	29.14	86.66	43.96	29.14	86.66	43.96	29.14	86.66	43.96	29.14	
	Output Torque, In-Lb	88338	83533	70228	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603	
	OHL Input Shaft	(A)	944	992	(A)	1395	1584	(A)	1955	2303	(A)	2208	2300	(A)	2652	2771	
	OHL Output Shaft (B)	19910	20233	20233	19910	20233	20233	19910	20233	20233	19910	20233	20233	19910	20233	20233	
88.59	Output RPM	39	20	13	39	20	13	39	20	13	39	20	13	39	20	13	
	Input HP (Max) (C)	64.54	29.43	16.40	73.28	37.17	24.64	73.28	37.17	24.64	73.28	37.17	24.64	73.28	37.17	24.64	
	Output Torque, In-Lb	104459	93896	78944	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603	
	OHL Input Shaft	(A)	951	993	(A)	1419	1579	(A)	1978	2326	(A)	2193	2284	(A)	2666	2781	
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	
100.98	Output RPM	34	17	11	34	17	11	34	17	11	34	17	11	34	17	11	
	Input HP (Max) (C)	64.30	28.07	15.65	64.30	32.61	21.62	64.30	32.61	21.62	64.30	32.61	21.62	64.30	32.61	21.62	
	Output Torque, In-Lb	118603	102089	85840	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603	118603	
	OHL Input Shaft	(A)	951	993	(A)	1436	1585	(A)	1993	2342	(A)	2190	2281	(A)	2663	2778	
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	
116.11	Output RPM	30	15	10	30	15	10	30	15	10	30	15	10	---	---	---	
	Input HP (Max) (C)	55.92	26.49	14.76	55.92	28.36	18.80	55.92	28.36	18.80	55.92	28.36	18.80	---	---	---	
	Output Torque, In-Lb	118603	110783	93132	118603	118603	118603	118603	118603	118603	118603	118603	118603	---	---	---	
	OHL Input Shaft	(A)	948	993	(A)	1451	1590	(A)	2007	2356	(A)	2196	2288	---	---	---	
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	---	---	---	
132.73	Output RPM	26	13	9	26	13	9	26	13	9	26	13	9	---	---	---	
	Input HP (Max) (C)	48.91	24.81	13.88	48.91	24.81	16.45	48.91	24.81	16.45	48.91	24.81	16.45	---	---	---	
	Output Torque, In-Lb	118603	118603	100115	118603	118603	118603	118603	118603	118603	118603	118603	118603	---	---	---	
	OHL Input Shaft	(A)	946	992	(A)	1463	1593	(A)	2019	2368	(A)	2200	2293	---	---	---	
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	---	---	---	

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-210	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------

MOTORIZED SHAFT MOUNT REDUCER (MSM) Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate TRIPLE REDUCTION

**SIZE: MW1683
60 HZ**

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D / 200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
153.81	Output RPM	22	11	8	22	11	8	22	11	8	22	11	8	---	---	---
	Input HP (Max) (C)	42.21	21.41	12.91	42.21	21.41	14.19	42.21	21.41	14.19	42.21	21.41	14.19	---	---	---
	Output Torque, In-Lb	118603	118603	107846	118603	118603	118603	118603	118603	118603	118603	118603	118603	---	---	---
	OHL Input Shaft (A)	951	991	(A)	1474	1595	(A)	2030	2380	(A)	2203	2296	---	---	---	---
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	20233	---	---	---
167.58	Output RPM	21	10	7	21	10	7	21	10	7	---	---	---	---	---	---
	Input HP (Max) (C)	38.74	19.65	12.35	38.74	19.65	13.03	38.74	19.65	13.03	---	---	---	---	---	---
	Output Torque, In-Lb	118603	118603	112464	118603	118603	118603	118603	118603	118603	---	---	---	---	---	---
	OHL Input Shaft (A)	952	991	(A)	1480	1596	(A)	2029	2386	---	---	---	---	---	---	---
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	20233	20233	20233	20233	---	---	---	---	---	---
186.69	Output RPM	18	9	6	18	9	6	18	9	6	---	---	---	---	---	---
	Input HP (Max) (C)	34.78	17.64	11.69	34.78	17.64	11.69	34.78	17.64	11.69	---	---	---	---	---	---
	Output Torque, In-Lb	118603	118603	118576	118603	118603	118603	118603	118603	118603	---	---	---	---	---	---
	OHL Input Shaft (A)	950	990	(A)	1487	1596	(A)	2036	2393	---	---	---	---	---	---	---
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	20233	20233	20233	20233	---	---	---	---	---	---
197.75	Output RPM	17	9	6	17	9	6	17	9	6	---	---	---	---	---	---
	Input HP (Max) (C)	32.83	16.65	11.04	32.83	16.65	11.04	32.83	16.65	11.04	---	---	---	---	---	---
	Output Torque, In-Lb	118603	118603	118603	118603	118603	118603	118603	118603	118603	---	---	---	---	---	---
	OHL Input Shaft (A)	951	991	(A)	1491	1596	(A)	2040	2396	---	---	---	---	---	---	---
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	20233	20233	20233	20233	---	---	---	---	---	---
222.39	Output RPM	16	8	5	16	8	5	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	29.19	14.81	9.82	29.19	14.81	9.82	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	118603	118603	118603	118603	118603	118603	---	---	---	---	---	---	---	---	---
	OHL Input Shaft (A)	953	993	(A)	1497	1597	---	---	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	---	---	---	---	---	---	---	---	---	---
237.76	Output RPM	15	7	5	15	7	5	---	---	---	---	---	---	---	---	---
	Input HP (Max) (C)	27.31	13.85	9.18	27.31	13.85	9.18	---	---	---	---	---	---	---	---	---
	Output Torque, In-Lb	118603	118603	118603	118603	118603	118603	---	---	---	---	---	---	---	---	---
	OHL Input Shaft (A)	954	994	(A)	1500	1597	---	---	---	---	---	---	---	---	---	---
	OHL Output Shaft (B)	20233	20233	20233	20233	20233	---	---	---	---	---	---	---	---	---	---

(A) (B) (C) - See Footnote page on inside back cover
NOTE: Blank area (-) indicate configuration not available

NOMENCLATURE PAGE MSM-4	STOCK/NON-STOCK PART NUMBERS PAGE MSM-57	DIMENSIONS PAGE MSM-210	THERMAL RATINGS PAGE MSM-242
----------------------------	---	----------------------------	---------------------------------