

Baldor•Reliance Explosion Proof motors are certified for use in Hazardous Locations or potentially Hazardous Environments where concentrations of combustible gasses, vapors and or dust may be present. These motors meet UL and CSA standards for use in Division based hazardous locations per NFPA70 National Electric Code and C22.1, the Canadian Electric Code.

**Key Features:**

- Uncompromised safety
- UL Certification markings
- Premium efficient electrical designs

1/4 - 250 Horsepower

Product Line	Explosion Proof	Severe Duty XP	Drill Rig Motors	XP Pump Motors	XP Brake Motors	XP Inverter Duty
Division 1 Certifications						
Class & Group	Class I, Group D	S	-	-	S	S
	Class I, Group C & D	-	-	S	S	-
	Class I, Group D & Class II, Group F & G	S	-	-	S	S
	Class I, Group D & Class II, Group E, F & G	-	S	-	-	-
	Class I, Group C & D & Class II, Group F & G	S	-	-	-	S
Electrical Features						
Efficiency	Baldor•Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S	S	S	S
Service Factor	1.0 Service Factor Continuous	S	-	-	S	S
	1.15 Service Factor Continuous	-	S	S	S	-
Ambient	40°C Ambient	S	-	-	S	S
	40°C Ambient, Suitable for 55°C Ambient at 1.0 Service Factor	-	S	S	-	-
Inverter	Motor nameplate includes Variable Torque and Constant Torque speed ranges	-	-	-	-	S
Mechanical Features						
Frame	Steel Band Frame – cast iron endplates	S	-	-	S	S
	Cast Iron Frame – cast iron endplates	S	-	-	S	S
Fan Cover	Steel Fan Cover	S	-	S	-	S
	Cast Iron Fan Cover	-	S	S	-	-
UL Drains	UL Listed Breather Drain - (Inverter Duty only included on Class I, Group C & D, Class II, Group F & G)	-	S	S	-	- / S

S = Standard

Explosion Proof, Single and Three Phase, Foot Mounted

1/4 thru 250 Hp



Features:

- Robust steel and cast iron frame designs
- Auto thermal overload (<1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet
- Low noise vibration dampening bases

Applications:

- Customer specified Division 1 Hazardous Areas
- Pumps, fans and conveyors
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
Single Phase														
1/4	1800	48	L4003A	②	T3C	553	K	12.85	26	55	115/208-230	2.5		
		56	L5000A	②	T3C	528	K	13.22	29	62	115/208-230	2.1		
		56	L5000A-C	⑤	T3C	657	K	13.22	35	62	115/208-230	2.1		
1/3	3600	48	L4005A	②	T3C	490	K	12.85	32	55	115/230	3		
	1800	48	L4006A	②	T3C	713	K	12.85	29	60	115/208-230	3		
		56	L5001A	②	T3C	679	K	13.22	29	60	115/208-230	3		
1/2	1200	56	L5002A	②	T4	961	K	14.30	41	54	115/230	3.4		
	3600	56	L5003A	②	T3C	644	K	13.22	29	57	115/230	3.7		
		1800	48	L4009A	②	T3C	784	K	13.85	35	64	115/208-230	3.7	
			56	L5004A	②	T3C	748	K	14.22	35	64	115/208-230	3.7	
	56	L5004A-C	⑤	T3C	877	K	14.22	40	64	115/208-230	3.7			
3/4	1200	56	L5005A	②	T4	1,107	K	15.17	50	59	115/230	4		
	3600	56	L5006A	②	T4	726	K	14.30	40	62	115/230	4.9		
		1800	56	L5007A	②	T4	879	K	15.17	47	66	115/230	5.3	
1	1800	56	L5007A-C	⑤	T4	1,008	K	15.17	53	66	115/230	5.3		
		56	L5022	①	T2C	1,280	K	17.42	57	68	115/208-230	5.4		
		143T	L5023A	①	T2C	1,001	K	15.17	48	67	115/230	6.5		
1 1/2	1800	184	L5023T	①	T2C	980	L1	15.23	46	72	115/208-230	5.9		
		1200	L5026	②	T3C	2,193	L1	16.92	83	67	115/208-230	7		
		3600	L5030T	②	T3C	1,136	L1	15.23	54	70	115/208-230	7.5		
2	1800	184	L5013	②	T3C	2,036	L1	16.92	77	70	115/230	9.5		
		145T	L5031T	②	T3C	1,404	L1	16.11	57	74	115/208-230	11.5		
3	1800	184T	L5027T	①	T2C	2,063	L1	17.42	84	75	115/230	11		
		3600	L5028T	①	T2C	2,144	L1	17.42	84	76	115/230	14.5		
5	1800	215	L5018	②	T3C	3,257	L1	19.49	152	79	115/230	15		
		215	L5020	①	T2C	4,143	L1	19.90	166	84	230	21		
Three Phase														
1/4	1800	48	M6002A	②	T3C	575	K	12.85	25	63	208-230/460	0.7		
1/3	1800	56	M7002A	②	T3C	691	K	13.22	27	67	208-230/460	0.8		
	1200	56	M7003A	②	T4	992	K	14.36	34	70	208-230/460	0.8		
1/2	3600	56	M7005A	②	T3C	792	K	13.22	27	68	208-230/460	1.1		
		48	M6007A	②	T3C	719	K	12.85	30	74	208-230/460	1		
	1800	56	M7006A	②	T3C	719	K	13.22	29	74	208-230/460	1		
3/4	1200	56	M7007A	②	T4	1,047	K	14.36	39	70	208-230/460	1.2		
		56	M7009A	②	T3C	825	K	13.22	29	75	208-230/460	1.3		
	3600	56	M7010A	②	T3C	828	K	14.22	33	73	208-230/460	1.5		
		1200	56	M7031A	②	T4	1,112	K	15.23	43	77	208-230/460	1.4	
		143T	M7031TA	②	T4	1,112	L1	15.23	47	77	208-230/460	1.4		

(a) See notes on inside back flap.

① = Class I, Group D

② = Class I, Group D, Class II, Group F & G

⑤ = Class I, Group C & D, Class II, Group F & G

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Single and Three Phase, Foot Mounted

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
1	3600	56	EM7013	②	T3C	999	K	14.22	32	77	230/460	1.4	30	
		56	M7013	②	T3C	869	K	13.22	29	75.5	208-230/460	1.8		
	1800	56	EM7014	②	T3C	1,266	K	14.30	51	85.5	230/460	1.5	30	
		56	M7014	②	T3C	907	K	14.30	39	75.5	208-230/460	1.8	19	
		143T	EM7014T	②	T3C	1,266	L1	14.36	44	85.5	230/460	1.5	19, 30	
		143T	EM7114T	②	T3C	1,439	L1	16.28	78	85.5	230/460	1.5	19, 30	
		143T	EM7114T-C	⑤	T4	1,444	L1	16.28	78	85.5	230/460	1.5	19, 30	
		182	EM7015	②	T3C	1,519	L1	15.23	51	85.5	230/460	1.5	30	
	1200	182	M7015	②	T3C	1,307	L1	15.23	48	82.5	230/460	1.6	19	
		56	EM7032	②	T3C	1,416	K	15.17	49	82.5	230/460	1.8	30	
		56	M7032	①	T2C	1,112	K	14.30	44	78.5	230/460	1.9		
	1 1/2	3600	145T	EM7032T	②	T3C	1,416	L1	15.23	52	82.5	230/460	1.8	19, 30
143T			EM7018T	②	T3C	1,158	L1	14.36	45	84	230/460	1.9	19	
1800		56	EM7034	②	T3C	1,311	K	15.17	50	86.5	230/460	2.2	30	
		56	M7034	②	T3C	987	K	14.30	44	81.5	208-230/460	2.3	19	
		145T	EM7034T	②	T3C	1,311	L1	15.23	50	86.5	230/460	2.2	19, 30	
		145T	EM7134T	②	T3C	1,461	L1	16.28	84	86.5	208-230/460	2.3		
		145T	EM7134T-C	⑤	T4	1,478	L1	16.28	62	86.5	208-230/460	2.3		
		184	EM7019	②	T3C	1,573	L1	15.23	50	86.5	230/460	2.2	30	
1200		184	M7019	②	T3C	1,656	L1	15.23	55	84	230/460	2.4	19	
		182T	EM7020T	②	T3C	1,949	L1	17.42	88	87.5	230/460	2.4	19	
2		3600	182T	EM7120T	②	T3C	2,167	L1	17.56	134	87.5	230/460	2.5	19
			145T	EM7071T	②	T3C	1,186	L1	15.23	52	85.5	230/460	2.5	19, 30
	1800	56	EM7037	②	T3C	1,431	K	15.17	59	86.5	230/460	2.9	30	
		56	M7037	②	T3C	1,104	K	15.17	47	82.5	208-230/460	3		
		145T	EM7037T	②	T3C	1,431	L1	15.23	58	86.5	230/460	2.9	19	
		145T	EM7137T	②	T3C	1,499	L1	16.28	81	86.5	230/460	2.9	19	
		145T	EM7137T-C	⑤	T3C	1,519	L1	16.28	60	86.5	208-230/460	2.9		
		184	EM7023	②	T3C	1,717	L1	15.23	59	86.5	230/460	2.9	30	
	1200	184	M7023	②	T3C	1,696	L1	15.23	55	84.1	230/460	3.1	19	
		184T	EM7041T	②	T3C	2,008	L1	18.92	97	88.5	230/460	3.5	19, 20, 30	
	3	3600	145T	EM7075T	①	T3C	1,404	L1	16.10	59	86.5	230/460	3.6	30
			182T	EM7026T	②	T3C	1,484	L1	16.05	69	86.5	230/460	3.7	19, 30
1800		182T	EM7126T	②	T3C	1,995	L1	17.56	126	86.5	230/460	3.8	19	
		184	EM7026	②	T3C	1,685	L1	15.55	80	86.5	230/460	3.7	30	
		184	M7026	②	T3C	1,450	L1	15.55	74	85.5	230/460	3.7	19, 30	
		182T	EM7042T	②	T3C	1,520	L1	17.42	108	89.5	230/460	4.2	19, 30	
		182T	EM7142T	②	T3C	1,597	L1	17.56	130	89.5	230/460	4.1	19, 30	
		182T	EM7142T-C	⑤	T4	1,643	L1	17.56	137	89.5	230/460	4.1	19, 30	
1200		213	EM7027	②	T3C	1,824	L1	18.94	170	89.5	230/460	4.2	30	
		213	M7027	②	T3C	1,937	L1	18.06	169	87.5	230/460	4.1	19, 30	
5		3600	213T	EM7036T	②	T3C	2,188	L1	20.32	170	89.5	230/460	4.6	19, 30
			184T	EM7072T	②	T3C	1,745	L1	18.12	93	88.5	230/460	5.9	19, 30
	1800	184T	EM7172T	②	T3C	2,339	L1	17.56	130	88.5	230/460	6.3	19, 30	
		184T	EM7044T	②	T3C	1,883	L1	18.12	101	89.5	230/460	6.7	19, 30	
		184T	EM7144T	②	T3C	1,896	L1	17.56	152	89.5	230/460	6.6	19, 30	
		184T	EM7144T-C	⑤	T4	1,981	L1	17.56	146	89.5	230/460	6.6	19, 30	
		215	EM7030	②	T3C	2,259	L1	18.94	193	89.5	230/460	6.7	30	
		215	M7030	②	T3C	2,508	L1	18.06	193	87.5	230/460	6.6	19, 30	
	1200	215T	EM7040T	②	T3C	2,868	L1	22.32	170	89.5	230/460	7.3	19, 30	
		184T	EM7073T	①	T2C	2,289	L1	18.92	105	89.5	230/460	8.4	30	
	7 1/2	3600	213T	EM7045T	②	T3C	2,407	L1	19.57	166	89.5	230/460	9	19, 30
			213T	EM7145T	②	T3C	2,698	L1	19.90	154	89.5	230/460	9	19
1800		213T	EM7047T	②	T3C	2,500	L1	20.32	161	91.7	230/460	9.4	19, 30	
		213T	EM7147T	②	T3C	2,404	L1	19.90	225	91.7	230/460	9.5	19	
1200		213T	EM7147T-C	⑤	T4	2,477	L1	19.91	225	91.7	230/460	9.5	19	
		254T	EM7048T	②	T3C	3,396	L1	25.50	393	91	230/460	10.7	19, 30	

(a) See notes on inside back flap. ■ Cast Iron Frame Red Catalog Number indicates **NEW** Product.

① = Class I, Group D; ② = Class I, Group D, Class II, Group F & G; ⑤ = Class I, Group C & D, Class II, Group F & G

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Single and Three Phase, Foot Mounted

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
10	3600	215T	EM7074T	①	T2C	2,713	L1	19.32	175	90.2	230/460	11.8	20
		215T	EM7174T	②	T3C	2,831	L1	19.90	235	90.2	230/460	11.8	
	1800	215T	EM7070T	②	T3C	2,793	L1	22.32	189	91.7	230/460	12	19, 30
		215T	EM7170T	②	T3C	3,308	L1	19.90	249	91.7	230/460	12.2	19
		215T	EM7170T-C	⑤	T3C	3,442	L1	19.91	249	91.7	230/460	12.2	19
1200	256T	EM7065T	②	T3C	4,083	L1	25.50	403	91	230/460	14.6	19, 30	
15	3600	254T	EM7053T	②	T3C	3,201	L1	25.50	341	91	230/460	17.5	19, 20, 30
	1800	254T	EM7054T	②	T3C	3,751	L1	25.50	370	92.4	230/460	18	19, 30
		254T	EM7054T-C	⑤	T4	3,843	L1	25.50	370	92.4	230/460	18	19, 30
	1200	284T	EM7057T	②	T3C	6,581	L1	28.61	430	91.7	230/460	20	19
20	3600	256T	EM7059T	②	T3C	4,105	L1	25.50	359	91	230/460	23	19, 20
	1800	256T	EM7056T	②	T3C	4,860	L1	25.50	393	93	230/460	24	19, 30
		256T	EM7056T-C	⑤	T4	4,962	L1	25.50	393	93	230/460	24	19, 30
	1200	286T	EM7079T	②	T3C	6,757	L1	28.61	494	91.7	230/460	27	19, 30
25	3600	284TS	EM7063T	②	T3C	5,463	L1	27.24	507	91.7	230/460	28.5	19, 20
	1800	284T	EM7058T	②	T3C	5,896	L1	28.61	537	93.6	230/460	30.5	19, 30
		284T	EM7058T-C	⑤	T4	6,011	L1	28.61	537	93.6	230/460	30.5	19, 30
	1200	324T	EM7082T	②	T3C	8,449	L1	32.00	741	93	230/460	32	19, 30
30	3600	286TS	EM7083T	②	T3C	6,421	L1	27.24	528	91.7	230/460	33	19, 20
	1800	286T	EM7060T	②	T3C	7,188	L1	28.61	554	93.6	230/460	36	19, 20, 30
		286T	EM7060T-C	⑤	T4	7,307	L1	28.61	563	93.6	230/460	37	19, 30
	1200	326T	EM7080T	②	T3C	9,321	L1	32.00	766	93	230/460	39	19, 30
40	3600	324TS	EM7067T	②	T3C	8,565	L1	30.50	630	92.4	230/460	46	19
	1800	324T	EM7062T	②	T3C	9,633	L1	32.00	713	94.1	230/460	48	19
		324T	EM7062T-C	⑤	T4	9,763	L1	32.00	700	94.1	230/460	48	19
	1200	364T	EM7084T	②	T3C	10,803	L1	33.44	915	94.1	230/460	47.2	19, 20, 30
50	3600	326TS	EM7081T	②	T3C	10,967	L1	30.50	745	93	230/460	56	19, 20, 30
	1800	326T	EM7064T	②	T3C	11,182	L1	32.00	764	94.5	230/460	58	19
		326T	EM7064T-C	⑤	T4	11,336	L1	32.12	764	94.5	230/460	58	19
	1200	365T	EM7085T	②	T4	12,193	L1	33.44	918	94.1	230/460	60.1	19, 20, 30
60	1800	364T	EM7066T	②	T4	12,508	L1	33.44	972	95	230/460	68	19, 20
		364T	EM7066T-C	⑤	T4	12,672	L1	33.44	910	95	230/460	68	19, 20
	1200	404T	EM7086T	②	T4	14,548	L1	38.31	1375	94.5	230/460	67.3	19, 20, 30
75	1800	365T	EM7068T	⑤	T4	15,134	L1	33.44	1156	95.4	230/460	84.1	19, 20, 30
	1200	405T	EM7087T	②	T4	16,276	L1	38.31	1428	94.5	230/460	84.2	19, 20, 30
100	1800	405T	EM7090T	⑤	T4	17,576	L1	38.31	1335	95.4	230/460	112	19, 20, 30
125	1800	444T	EM74124T-4	⑤	T4	20,539	L1	44.62	1900	95.4	460/380	139	19, 20
150	1800	447T	EM74154T-4	⑤	T4	22,954	L1	47.83	2455	95.8	460/380	164	19, 20
200	1800	449T	EM74204T-4	⑤	T4	32,808	L1	52.83	2993	96.2	460/380	216	19, 20
250	1800	449T	EM74254T-4	⑤	T4	39,370	L1	53.47	3027	96.2	460/380	270	19, 20
		447T	M74254T-4	⑤	T4	35,752	L1	47.83	2553	95	460/380	281	19, 20

(a) See notes on inside back flap.

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■ Cast Iron Frame

Red Catalog Number indicates **NEW** Product.

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Explosion Proof, 575 Volt, Three Phase**1/2 thru 40 Hp****Features:**

- Robust steel and cast iron frame designs
- Auto thermal overload (<1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet
- Low noise vibration dampening bases

Applications:

- Customer specified Division 1 Hazardous Areas
- Pumps, fans and conveyors
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single Phase													
1/2	1800	56	M7006-5	②	T3C	719	K	14.30	34	78.5	575	0.7	15
3/4	1800	56	M7010-5	②	T3C	828	K	14.30	37	76	575	1.2	15
1	3600	56	EM7013-5	②	T3C	999	K	14.22	33	77	575	1.2	
		56	M7013-5	②	T3C	869	K	13.22	30	75.5	575	1.2	16
	1800	56	M7014-5	②	T3C	1,266	K	14.30	42	85.5	575	1.2	
		56	EM7014-5	②	T3C	907	K	14.30	40	75.5	575	1.5	16
1 1/2	3600	143T	EM7014T-5	②	T3C	1,266	LS	14.36	42	85.5	575	1.2	
	1800	143T	EM7018T-5	②	T3C	1,158	L1	14.36	45	84	575	1.5	
	1800	145T	EM7034T-5	②	T3C	1,311	LS	15.23	51	86.5	575	1.8	
2	3600	145T	EM7071T-5	②	T3C	1,186	L1	15.23	52	85.5	575	2	
	1800	145T	EM7037T-5	②	T3C	1,431	LS	15.23	54	86.5	575	2.3	
3	1800	182T	EM7042T-5	②	T3C	1,520	L1	17.42	84	89.5	575	3.3	
5	3600	184T	EM7072T-5	②	T3C	1,745	L1	18.12	85	88.5	575	4.7	
	1800	184T	EM7044T-5	②	T3C	1,883	L1	18.12	99	89.5	575	5.3	
7 1/2	1800	213T	EM7047T-5	②	T3C	2,500	L1	20.32	161	91.7	575	7.6	
10	1800	215T	EM7170T-5	②	T3C	3,525	L1	19.90	249	91.7	575	9.8	
15	1800	254T	EM7054T-5	②	T3C	3,751	LS	25.50	364	92.4	575	14.5	
20	1800	256T	EM7056T-5	②	T3C	4,860	LS	25.50	396	93	575	19.2	
25	1800	284T	EM7058T-5	②	T3C	5,896	LS	28.61	534	93.6	575	24.5	
30	1800	286T	EM7060T-5	②	T3C	7,188	L1	28.61	553	93.6	575	29	
40	1800	324T	EM7062T-5	②	T3C	9,633	LS	32.00	729	94.1	575	39	
Three Phase													
1/2	1800	56C	VM7006-5	②	T3C	936	K	14.30	37	78.5	575	0.7	15
3/4	1800	56C	VM7010-5	②	T3C	953	K	14.30	38	76	575	1.2	15
1	1800	56C	VM7014-5	②	T3C	1,333	K	14.30	42	85.5	575	1.2	
		56C	VM7014-5	②	T3C	1,001	K	14.30	39	75.5	575	1.5	16
		143TC	VM7014T-5	②	T3C	1,324	L1	14.33	44	85.5	575	1.2	
		143TC	VM7014T-5	②	T3C	1,080	L1	14.36	41	82.5	575	1.3	16
1 1/2	1800	145TC	VM7034T-5	②	T3C	1,443	L1	15.21	50	86.5	575	1.8	
		145TC	VM7034T-5	②	T3C	1,164	L1	15.23	47	84	575	1.9	16
2	1800	145TC	VM7037T-5	②	T3C	1,529	L1	15.21	54	86.5	575	2.3	
		145TC	VM7037T-5	②	T3C	1,259	L1	15.23	49	84	575	2.5	16
3	1800	182TC	VM7042T-5	②	T3C	1,727	L1	18.86	95	89.5	575	3.3	
		182TC	VM7042T-5	②	T3C	1,614	L1	18.86	90	87.5	575	3.4	16
5	1800	184TC	VM7044T-5	②	T3C	2,040	L1	20.36	110	89.5	575	5.3	
		184TC	VM7044T-5	②	T3C	1,966	L1	18.80	113	87.5	575	5.2	16
7 1/2	1800	213TC	VM7047T-5	②	T3C	2,631	L1	20.32	161	91.7	575	7.6	
		213TC	VM7047T-5	②	T3C	2,275	L1	19.19	157	89.5	575	8.1	16

(a) See notes on inside back flap.

② = Class I, Group D, Class II, Group F & G

■ Cast Iron Frame

Red Catalog Number indicates **NEW** Product.

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Single and Three Phase, C-Face

1/4 thru 50 Hp



Features:

- Robust steel and cast iron frame designs
- Auto thermal overload (<1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet
- Low noise vibration dampening bases

Applications:

- Customer specified Division 1 Hazardous Areas
- Pumps, blowers, valves, gearboxes
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single Phase, C-Face, Foot Mounted													
1/3	1800	56C	CL5001A	②	T3C	827	K	13.22	30	60	115/208-230	3	15
1/2	3600	56C	CL5003A	②	T3C	726	K	13.22	35	57	115/230	3.7	15
	1800	56C	CL5004A	②	T3C	828	K	14.22	36	64	115/208-230	3.7	15
3/4	1800	56C	CL5007A	②	T4	924	K	15.17	49	66	115/230	5.3	15
1	3600	56C	CL5009A	②	T4	824	K	15.17	50	66	115/230	6	
	1800	56C	CL5023A	①	T2C	1,049	K	15.17	49	67	115/230	6.5	
1 1/2	3600	143TC	CL5030T	②	T3C	1,291	L1	15.23	53	70	115/208-230	7.5	
	1800	184C	CL5013	②	T3C	2,095	L1	16.93	83	70	115/230	9.5	
2	3600	143TC	CL5031T	②	T3C	1,476	L1	16.10	60	74	115/208-230	11.5	
	1800	182TC	CL5027T	①	T2C	2,162	L1	18.86	99	75	115/230	11	
3	3600	184TC	CL5028T	①	T2C	2,187	L1	18.86	100	76	115/230	14.5	
	1800	215C	CL5018	①	T2C	3,355	L1	19.56	154	79	115/230	15	
5	1800	215C	CL5020	①	T2C	4,271	L1	20.69	170	84	230	21	
Single Phase, C-Face, Footless													
1/4	1800	56C	VL5000A	②	T3C	732	K	13.22	29	62	115/208-230	2.1	15
1/3	3600	56C	VL4005A	②	T3C	557	K	13.22	34	57	115/230	3.5	15
	1800	56C	VL5001A	②	T3C	748	K	13.22	34	60	115/208-230	3	15
	1200	56C	VL5002A	②	T4	1,002	K	14.30	42	54	115/230	3.4	15
1/2	3600	56C	VL5003A	②	T3C	721	K	13.22	28	57	115/230	3.7	15
	1800	56C	VL5004A	②	T3C	826	K	14.22	37	64	115/208-230	3.7	15
	1200	56C	VL5005A	②	T4	1,149	K	15.17	51	59	115/230	4	15
3/4	3600	56C	VL5006A	②	T4	771	K	14.30	40	62	115/230	4.9	15
	1800	56C	VL5007A	②	T4	920	K	15.17	48	66	115/230	5.3	15
1	3600	56C	VL5009A	②	T4	826	K	15.17	48	66	115/230	6	
	1800	56C	VL5023A	①	T2C	1,045	K	15.17	52	67	115/230	6.5	
1 1/2	3600	56C	VL5030	②	T3C	1,189	K	15.17	51	70	115/208-230	7.5	
	1800	56C	VL5024A	①	T2C	1,379	K	17.42	76	75	115/230	8	
2	1800	184C	VL5027	①	T2C	2,194	L1	18.43	90	75	115/208-230	11	
Three Phase, C-Face, Foot Mounted													
1/2	3600	56C	CM7005A	②	T3C	867	K	13.22	27	68	208-230/460	1.1	15
	1800	56C	CM7006A	②	T3C	938	K	13.22	30	74	208-230/460	1	15
3/4	3600	56C	CM7009A	②	T3C	895	K	13.22	29	75	208-230/460	1.3	15
	1800	56C	CM7010A	②	T3C	956	K	14.22	34	73	208-230/460	1.5	15
1	3600	56C	CEM7013	②	T3C	1097	K	14.22	32	77	230/460	1.4	19, 30
		56C	CM7013	②	T3C	936	K	13.22	31	75.5	208-230/460	1.8	16
	1800	56C	CEM7014	②	T3C	1342	K	14.30	42	85.5	230/460	1.5	19, 30
		56C	CM7014	②	T3C	1,020	K	14.30	40	75.5	208-230/460	1.8	16, 19
		143TC	CEM7014T	②	T3C	1,342	L1	14.36	45	85.5	230/460	1.5	19, 30
1 1/2	3600	143TC	CEM7018T	②	T3C	1,328	L1	14.36	45	84	230/460	1.9	19
		56C	CEM7034	②	T3C	1,453	K	15.17	50	86.5	230/460	2.2	19, 30
	1800	56C	CM7034	②	T3C	1,087	K	14.30	45	81.5	208-230/460	2.3	16, 19
		145TC	CEM7034T	②	T3C	1,453	L1	15.23	52	86.5	230/460	2.2	19, 30

(a) See notes on inside back flap. ■ Cast Iron Frame Red Catalog Number indicates **NEW** Product.

① = Class I, Group D ② = Class I, Group D, Class II, Group F & G

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

HVAC Motors

Farm Duty Motors

Explosion Proof, Single and Three Phase, C-Face

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
2	3600	145TC	CEM7071T	②	T3C	1,325	L1	15.23	53	85.5	230/460	2.4	19, 30	
	1800	56C	CEM7037	②	T3C	1,539	K	15.17	55	86.5	230/460	2.9	19, 30	
		56C	CEM7037	②	T3C	1,177	K	15.17	49	82.5	230/460	3	16, 19, 30	
		145TC	CEM7037T	②	T3C	1,539	L1	16.10	56	86.5	230/460	2.9	19, 30	
3	3600	145TC	CEM7075T	①	T3C	1,643	L1	16.10	61	86.5	230/460	3.6	30	
	1800	182TC	CEM7042T	②	T3C	1,866	L1	18.86	97	89.5	230/460	4.2	19, 30	
5	3600	184TC	CEM7072T	②	T3C	2,167	L1	18.86	101	88.5	230/460	5.9	19, 30	
	1800	184TC	CEM7044T	②	T3C	2,256	L1	19.55	119	89.5	230/460	6.7	19, 30	
7 1/2	3600	184TC	CEM7073T	①	T2C	2,544	L1	20.36	124	89.5	230/460	8.4	30	
		213TC	CEM7045T	②	T3C	2,887	L1	20.33	166	89.5	230/460	9	19, 30	
		1800	213TC	CEM7047T	②	T3C	2,646	L1	21.08	161	91.7	230/460	9.4	19, 30
10	3600	215TC	CEM7174T	②	T3C	3,151	L1	20.65	235	90.2	230/460	11.8	19	
	1800	215TC	CEM7170T	②	T3C	3,219	L1	20.65	249	91.7	230/460	12.2	19	
15	3600	254TC	CEM7053T	②	T3C	3,419	L1	26.00	357	91	230/460	17.5	19, 20, 30	
	1800	254TC	CEM7054T	②	T3C	5,324	L1	26.00	376	92.4	230/460	18	19, 30	
20	3600	256TC	CEM7059T	②	T3C	5,458	L1	26.00	369	91	230/460	23	19, 20	
	1800	256TC	CEM7056T	②	T3C	6,310	L1	26.00	376	93	230/460	24	19, 30	
25	3600	284TSC	CEM7063T	②	T3C	7,197	L1	27.24	512	91.7	230/460	28.5	19, 20	
	1800	284TC	CEM7058T	②	T3C	7,727	L1	28.61	647	93.6	230/460	30.5	19, 30	
30	1800	286TC	CEM7060T	②	T3C	8,967	L1	28.61	552	93.6	230/460	36	19, 20, 30	
40	1800	324TC	CEM7062T	②	T3C	11,961	L1	32.00	699	94.1	230/460	48	19	
50	1800	326TC	CEM7064T	②	T3C	13,601	L1	32.00	746	94.5	230/460	58	19	
Three Phase, C-Face, Footless														
1/4	1800	56C	VM7001A	②	T3C	871	K	13.22	25	63	208-230/460	0.7		
1/3	1800	56C	VM7002A	②	T3C	890	K	13.22	27	67	208-230/460	0.8		
1/2	3600	56C	VM7005A	②	T3C	861	K	13.22	26	68	208-230/460	1.1		
	1800	56C	VM7006A	②	T3C	936	K	13.22	29	74	208-230/460	1		
	1200	56C	VM7007A	②	T4	1,089	K	14.30	39	70	208-230/460	1.2		
3/4	3600	56C	VM7009A	②	T3C	890	K	13.22	28	75	208-230/460	1.3		
	1800	56C	VM7010A	②	T3C	953	K	14.22	33	73	208-230/460	1.5		
	1200	56C	VM7031A	②	T4	1,144	K	15.17	47	77	208-230/460	1.4		
1	3600	56C	CEM7013	②	T3C	1,140	K	14.22	32	77	230/460	1.4	19, 30	
		56C	VM7013	②	T3C	927	K	13.22	30	75.5	208-230/460	1.8	16	
	1800	56C	VM7014	②	T3C	1,333	K	14.30	51	85.5	230/460	1.5	19, 30	
		56C	VM7014	②	T3C	1,001	K	15.22	40	75.5	208-230/460	1.8	16	
		143TC	CEM7014T	②	T3C	1,333	L1	14.33	51	85.5	230/460	1.5	19, 30	
		143TC	VM7014T	②	T3C	1,080	L1	14.33	39	82.5	230/460	1.6	16, 19	
1200	56C	CEM7032	②	T3C	1,541	K	15.17	49	82.5	230/460	1.8	19, 30		
	56C	VM7032	①	T2C	1,205	K	14.30	44	78.5	230/460	1.9	16		
1 1/2	3600	143TC	CEM7018T	②	T3C	1,319	L1	14.33	47	84	230/460	1.9	19, 30	
		143TC	VM7018T	②	T3C	1,138	L1	14.33	45	82.5	230/460	2.1	16, 19, 30	
	1800	56C	CEM7034	②	T3C	1,444	K	15.17	50	86.5	230/460	2.2	19, 30	
		56C	VM7034	②	T3C	1,078	K	14.30	44	81.5	208-230/460	2.3	16, 19	
		145TC	CEM7034T	②	T3C	1,444	L1	15.21	50	86.5	230/460	2.2	19, 30	
		145TC	VM7034T	②	T3C	1,164	L1	15.21	46	84	230/460	2.4	16, 19	
		1200	145TC	CEM7035T	①	T2C	1,649	L1	18.42	102	87.5	230/460	2.4	19, 30
			145TC	VM7035T	①	T2C	1,331	L1	17.48	72	85.5	208-230/460	2.7	16
2	3600	145TC	CEM7071T	②	T3C	1,451	L1	15.21	55	85.5	230/460	2.5	19, 30	
		145TC	VM7071T	②	T3C	1,273	L1	15.21	52	84	230/460	2.6	16, 19, 30	
	1800	56C	CEM7037	②	T3C	1,530	K	15.17	59	86.5	230/460	2.9	19, 30	
		56C	VM7037	②	T3C	1,165	K	15.17	49	82.5	230/460	3	16, 19, 30	
		145TC	CEM7037T	②	T3C	1,530	L1	15.21	59	86.5	230/460	2.9	19, 30	
		145TC	VM7037T	②	T3C	1,259	L1	15.21	50	84	230/460	3.1	16, 19	

(a) See notes on inside back flap.

① = Class I, Group D

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■ Cast Iron Frame

Red Catalog Number indicates NEW Product.

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Single and Three Phase, C-Face

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3	3600	143TC	VEM7075T	①	T2C	1,634	L1	16.10	59	86.5	230/460	3.6	30
		143TC	VM7075T	①	T2C	1,412	L1	16.10	58	85.5	208-230/460	3.7	16
		182TC	VEM7026T	②	T3C	1,723	L1	17.49	80	86.5	230/460	3.7	19, 30
		182TC	VM7026T	②	T3C	1,489	L1	17.49	80	85.5	208-230/460	3.7	16, 19
	1800	182TC	VEM7042T	②	T3C	1,851	L1	18.86	108	89.5	230/460	4.2	19, 30
		182TC	VM7042T	②	T3C	1,614	L1	18.86	91	87.5	230/460	4.2	16, 19, 20
5	3600	184TC	VEM7072T	②	T3C	2,152	L1	18.06	93	88.5	230/460	5.9	19, 30
		184TC	VM7072T	②	T3C	1,883	L1	18.06	108	87.5	230/460	5.6	16, 19, 30
	1800	184TC	VEM7044T	②	T3C	2,241	L1	19.56	118	89.5	230/460	6.7	19, 30
		184TC	VM7044T	②	T3C	1,966	L1	18.06	103	87.5	230/460	6.8	16, 19, 30
7 1/2	3600	184TC	VEM7073T	①	T2C	2,529	L1	20.36	115	89.5	230/460	8.4	19, 30
		184TC	VM7073T	①	T2C	2,126	L1	20.36	110	88.5	230/460	8.7	16, 30
		213TC	VEM7045T	②	T3C	2,867	L1	19.19	149	89.5	230/460	9	19, 30
		213TC	VM7045T	②	T3C	2,475	L1	19.19	165	88.5	230/460	9.5	16, 19, 30
	1800	213TC	VEM7047T	②	T3C	2,631	L1	20.32	161	91.7	230/460	9.5	19, 30
		213TC	VM7047T	②	T3C	2,275	L1	19.19	157	89.5	230/460	10.1	16, 19
10	1800	215TC	VEM7170T	②	T3C	3,204	L1	20.65	249	91.7	230/460	12.2	19, 30
		215TC	VM7170T	②	T3C	2,760	L1	20.65	173	89.5	230/460	13	16, 19

(a) See notes on inside back flap. Cast Iron Frame
 Red Catalog Number indicates **NEW** Product.
 ② = Class I, Group D, Class II, Group F & G

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Single and Three Phase, NEMA Frame, C-Face, Foot Mounted

1/3 thru 2 Hp



Features:

- 110/220V, 50 Hz power
- Steel band frame, cast iron endplates
- Auto thermal overload (<1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet

Applications:

- Customer specified Division 1 Hazardous Areas
- Pumps, blowers, valves, gearboxes
- Fixed speed operation

Hp	RPM 50 Hz	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single Phase - 50 Hz													
1/3	1500	56C	CL5001A-50	②	T3C	911	K	14.22	35	59.5	110/220	2.6	2, 15
1/2	1500	56C	CL5004A-50	②	T3C	912	K	15.22	45	62	110/220	3.6	2, 15
3/4	1500	56C	CL5007A-50	②	T4	1,061	K	15.17	52	70	110/220	4.8	2, 15
1	1500	56C	CL5023-50	①	T3C	1,122	K	16.05	56	68	110/220	6.2	2, 15
2	1500	182TC	CL5027T-50	①	T2C	2,485	L1	20.36	121	77	110/220	11.5	2, 15
Three Phase - 50 Hz													
1/2	1500	56C	CM7006-57	②	T3C	994	K	14.22	36	73	230/400	1	
3/4	1500	56C	CM7010-57	②	T3C	1,017	K	15.22	42	75.5	230/400	1.7	2
1	3000	56C	CM7013-57	②	T3C	1,028	K	14.22	34	78.5	230/400	1.7	
	1500	56C	CM7014-57	②	T3C	1,087	K	15.22	45	74	230/400	2	2
1 1/2	3000	143TC	CM7018T-57	②	T3C	1,169	L1	14.36	47	80	230/400	2.4	
	1500	143TC	CM7034T-57	②	T3C	1,198	L1	15.23	49	81.5	230/400	2.5	2
2	3000	145TC	CM7071T-57	②	T3C	1,209	L1	15.23	50	78.5	230/400	3.2	2
	1500	145TC	CM7037T-57	②	T3C	1,293	L1	16.10	59	84	230/400	3.4	2

(a) See notes on inside back flap.
 ① = Class I, Group D
 ② = Class I, Group D, Class II, Group F & G

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Severe Duty, Three Phase, 1.15 Service Factor**3 thru 150 Hp****Features:**

- Cast iron frame, endplates, conduit box and fan cover
- 1.15 SF, Class F insulation, 40°C ambient
- Suitable for 55°C ambient at 1.0 SF
- Group E, brass labyrinth shaft slingers
- Normally closed thermostats
- Threaded lead inlet
- UL breather drains

Applications:

- Customer specified Division 1 Hazardous Areas
- Chemical, Oil & Gas
- Pulp & Paper
- Wastewater
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes ^(a)
3	1800	182T	EM7542T-I	③	T3C	1,576	SD	17.59	143	89.5	230/460	4.1	
	1200	213T	EM7536T-I	③	T3C	2,264	SD	20.02	225	89.5	230/460	4.5	
5	3600	L184T	EM7572T-I	③	T3C	2,072	SD	17.59	156	89.5	230/460	5.5	
	1800	L184T	EM7544T-I	③	T3C	1,952	SD	17.59	160	89.5	230/460	6.6	
	1200	L215T	EM7540T-I	③	T3C	2,969	SD	20.02	217	89.5	230/460	7.1	
7 1/2	1800	213T	EM7547T-I	③	T3C	2,407	SD	20.02	225	91.7	230/460	9.5	35
	1200	254T	EM7548T-I	③	T3C	3,515	SD	25.81	321	91	230/460	10.7	30
	3600	215T	EM7574T-I	③	T3C	2,930	SD	20.02	212	90.2	230/460	11.8	
10	1800	L215T	EM7670T-I	③	T3C	3,250	SD	20.02	249	92.4	230/460	12.5	
	1200	256T	EM7565T-I	③	T3C	4,226	SD	24.57	395	91	230/460	12.5	
	3600	254T	EM7554T-I	③	T3C	3,897	SD	25.81	375	92.4	230/460	18.1	30
20	1800	256T	EM7559T-I	③	T3C	4,249	SD	24.57	394	91.7	230/460	22.3	
	1800	256T	EM7556T-I	③	T3C	4,879	SD	24.56	403	93	230/460	24	
25	1800	284T	EM7558T-I	③	T3C	6,124	SD	28.61	526	93.6	230/460	30	30
30	1800	286T	EM7560T-I	③	T3C	7,480	SD	27.44	499	93.6	230/460	36.1	
40	1800	324T	EM7562T-I	③	T3C	10,008	SD	32.00	737	94.1	230/460	47	
50	1800	326T	EM7564T-I	③	T3C	11,644	SD	30.45	818	94.5	230/460	58.8	
	1200	365T	EM7585T-I	③	T3C	12,619	SD	33.44	1038	94.1	230/460	60.1	
60	1800	364T	EM7566T-I	③	T3C	13,164	SD	33.44	1023	95	230/460	67.8	
75	1800	365T	EM7568T-I	③	T3C	13,703	SD	33.44	1072	95.4	230/460	84.1	
	1200	405T	EM7587T-I	③	T3C	16,847	SD	38.32	1368	95	230/460	86.9	
100	1800	405T	EM7590T-I	③	T3C	17,575	SD	38.32	1448	95.4	460	112	
	1200	444T	EM7599T-I	③	T3C	20,869	SD	44.62	1854	95	460	115	
125	1800	444T	EM7600T-I	③	T3C	21,217	SD	44.62	1881	95.8	460	139	
150	1800	445T	EM7596T-I	③	T3C	23,711	SD	44.62	2038	96.2	460	165	

(a) See notes on inside back flap.

■ Cast Iron Frame

③ = Class I, Group D, Class II, Group E, F & G

These motor include a UL Listed breather drain and expel internal condensation better than standard XP designs. Internal condensation is more frequently an issue in outdoor and exposed the environment installations that are not operated for extended periods. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Drill Rig Duty, Three Phase, 1.15 Service Factor

1/2 thru 200 Hp



Features:

- Robust steel and cast iron frame designs
- 1.15 SF, Class F insulation, 40°C ambient
- Suitable for 55°C ambient at 1.0 SF
- DE shaft slinger, UL breather drains
- Normally closed thermostats
- Threaded lead inlet
- IP55 enclosure, marked on nameplate

Applications:

- Customer specified Division 1 Hazardous Areas
- On and off shore drill rig service
- Bulk fuel terminals
- Transfer stations
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot Mounted													
1	3600	143T	EM7013T-I	④	T3C	1,298	SD	14.12	51	77	230/460	1.4	19
		143T	EM7013T-I-5	④	T3C	1,298	SD	14.22	51	84	575	1.1	
	1800	143T	EM7014T-I	④	T3C	1,277	SD	14.22	55	85.5	230/460	1.5	19, 30
		143T	EM7014T-I-5	④	T3C	1,277	SD	14.22	55	85.5	575	1.2	
1 1/2	1200	145T	EM7032T-I	④	T3C	1,416	SD	15.09	62	82.5	230/460	1.8	19, 30
	3600	143T	EM7018T-I	④	T3C	1,288	SD	14.12	54	84	230/460	1.9	19
		1800	145T	EM7034T-I	④	T3C	1,323	SD	15.09	61	86.5	230/460	2.2
2	3600	182T	EM7020T-I	④	T3C	1,949	SD	18.27	108	87.5	230/460	2.4	19, 30
		145T	EM7071T-I	④	T3C	1,408	SD	15.09	62	85.5	230/460	2.5	19, 30
	145T	EM7071T-I-5	④	T3C	1,408	SD	15.09	62	85.5	575	2		
3	1800	145T	EM7037T-I	④	T3C	1,442	SD	15.97	65	86.5	230/460	2.9	19, 30
		145T	EM7037T-I-5	④	T3C	1,442	SD	15.09	65	86.5	575	2.3	
	1200	184T	EM7041T-I	④	T3C	2,008	SD	19.52	119	88.5	230/460	3.5	19
5	3600	182T	EM7026T-I	④	T3C	1,613	SD	16.77	91	86.5	230/460	3.7	19, 30
		182T	EM7026T-I-5	④	T3C	1,613	SD	18.27	91	87.5	575	2.7	
	1800	182T	EM7042T-I	④	T3C	1,521	SD	18.27	107	89.5	230/460	4.2	19, 30
		182T	EM7042T-I-5	④	T3C	1,521	SD	18.27	106	89.5	575	3.3	
7 1/2	1200	213T	EM7036T-I	④	T3C	2,188	SD	20.32	185	89.5	230/460	4.6	19, 30
		184T	EM7072T-I	④	T3C	2,003	SD	18.27	110	90.2	230/460	5.6	19
	3600	184T	EM7072T-I-5	④	T3C	2,003	SD	18.27	109	89.5	575	4.5	
		184T	EM7044T-I	④	T3C	1,886	SD	19.52	122	89.5	230/460	6.5	19, 30
10	1800	184T	EM7044T-I-5	④	T3C	1,886	SD	19.52	126	89.5	575	5.2	
		215T	EM7040T-I	④	T3C	2,868	SD	22.32	170	89.5	230/460	7.3	19, 30
	3600	213T	EM7045T-I	④	T3C	2,407	SD	19.57	166	89.5	230/460	9	19
		213T	EM7045T-I-5	④	T3C	2,407	SD	19.57	166	89.5	575	7	
15	1800	213T	EM7047T-I	④	T3C	2,325	SD	20.32	161	91.7	230/460	9.5	19, 30
		213T	EM7047T-I-5	④	T3C	2,325	SD	20.32	161	91.7	575	7.6	
	3600	254T	EM7048T-I	④	T3C	3,396	SD	25.50	389	91	230/460	11	19, 30
		215T	EM7174T-I	④	T3C	2,831	SD	20.03	235	90.2	230/460	11.8	19
20	1800	215T	EM7174T-I-5	④	T3C	2,831	SD	20.03	235	90.2	575	9.3	
		215T	EM7170T-I	④	T3C	3,138	SD	20.03	252	92.4	230/460	12.3	19
	3600	215T	EM7170T-I-5	④	T3C	3,138	SD	20.03	252	92.4	575	10.1	
		256T	EM7065T-I	④	T3C	4,083	SD	25.50	400	91	230/460	15	19, 30
25	1800	254T	EM7053T-I	④	T3C	3,201	SD	25.50	352	91	230/460	17.2	19
		254T	EM7053T-I-5	④	T3C	3,201	SD	25.50	352	91	575	13.7	
	3600	254T	EM7054T-I	④	T3C	3,766	SD	25.50	373	92.4	230/460	18.1	19, 30
		254T	EM7054T-I-5	④	T3C	3,766	SD	25.50	374	92.4	575	14.5	
30	1200	284T	EM7057T-I	④	T3C	6,581	SD	28.61	529	91.7	230/460	20	19

(a) See notes on inside back flap.

④ = Class I, Group C & D

■ Cast Iron Frame

These motor include a UL Listed breather drain and expel internal condensation better than standard XP designs. Internal condensation is more frequently an issue in outdoor and exposed the environment installations that are not operated for extended periods. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

HVAC Motors

Farm Duty Motors

Drill Rig Duty, Three Phase, 1.15 Service Factor

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
20	3600	256T	EM7059T-I	④	T3C	4,105	SD	25.50	409	91	230/460	22	19, 30
		256T	EM7059T-I-5	④	T3C	4,105	SD	25.50	409	91	575	17.5	
	1800	256T	EM7056T-I	④	T3C	4,714	SD	25.50	399	93	230/460	24	19, 30
		256T	EM7056T-I-5	④	T3C	4,714	SD	25.50	397	93	575	19.2	
	1200	286T	EM7079T-I	④	T3C	6,757	SD	28.61	558	91.7	230/460	25	19, 30
25	3600	284TS	EM7063T-I	④	T3C	5,463	SD	27.23	552	91.7	230/460	28.5	19
		284TS	EM7063T-I-5	④	T3C	5,463	SD	27.23	552	91.7	575	23	
	1800	284T	EM7058T-I	④	T3C	5,918	SD	28.61	538	93.6	230/460	30.5	19, 30
		284T	EM7058T-I-5	④	T3C	5,918	SD	28.61	559	93.6	575	24.5	
	1200	324T	EM7082T-I	④	T3C	8,449	SD	32.00	762	93	230/460	32	19, 30
30	3600	286TS	EM7083T-I	④	T3C	6,421	SD	27.23	565	91.7	230/460	33	19
		286TS	EM7083T-I-5	④	T3C	6,421	SD	27.23	565	91.7	575	26	
	1800	286T	EM7060T-I	④	T3C	7,216	SD	28.61	579	93.6	230/460	36	19, 30
		286T	EM7060T-I-5	④	T3C	7,216	SD	28.61	573	93.6	575	29	
	1200	326T	EM7080T-I	④	T3C	9,321	SD	32.00	782	93	230/460	39	19, 30
40	3600	324TS	EM7067T-I	④	T3C	8,565	SD	30.50	684	92.4	230/460	45	19
		324TS	EM7067T-I-5	④	T3C	8,565	SD	30.50	684	92.4	575	36	
	1800	324T	EM7062T-I	④	T3C	9,670	SD	32.00	750	94.1	230/460	48	19
		324T	EM7062T-I-5	④	T3C	9,670	SD	32.00	745	94.1	575	39	
	1200	364T	EM7084T-I	④	T3C	10,803	SD	33.44	1026	94.1	230/460	47.2	19, 30
50	3600	326TS	EM7081T-I	④	T3C	10,967	SD	30.50	740	93	230/460	56	19, 30
		326TS	EM7081T-I-5	④	T3C	10,967	SD	30.50	740	93	575	45	
	1800	326T	EM7064T-I	④	T3C	11,249	SD	32.00	850	94.5	230/460	59	19, 30
		326T	EM7064T-I-5	④	T3C	11,249	SD	32.00	841	94.5	575	47	
	1200	365T	EM7085T-I	④	T3C	12,193	SD	33.44	1003	94.1	230/460	60.1	19, 30
60	3600	364TS	EM7310T-I	④	T3C	11,779	SD	31.31	984	93.6	230/460	67.3	19, 30
		364T	EM7066T-I	④	T3C	12,719	SD	33.44	1030	95	230/460	67.8	19, 30
	1800	364T	EM7066T-I-5	④	T3C	12,719	SD	33.44	1015	95	575	54.2	
		404T	EM7086T-I	④	T3C	14,246	SD	38.32	1418	94.5	230/460	67.3	19, 30
75	3600	365TS	EM7313T-I	④	T3C	13,254	SD	31.31	993	93.6	230/460	83.4	19, 30
		365T	EM7068T-I	④	T3C	13,240	SD	33.44	1055	95.4	230/460	84.1	19, 30
	1800	365T	EM7068T-I-5	④	T3C	13,240	SD	33.44	1064	95.4	575	67.2	
		405T	EM7087T-I	④	T3C	16,276	SD	38.32	1411	94.5	230/460	84.2	19, 30
100	1800	405T	EM7090T-I	④	T3C	16,981	SD	38.32	1437	95.4	230/460	112	19, 30
		405T	EM7090T-I-5	④	T3C	16,981	SD	38.32	1446	95.4	575	89.6	
	1200	444T	EM7088T-I	④	T3C	19,008	SD	44.62	1866	95	230/460	115	19
		444T	EM74124T-I-4	④	T3C	19,841	SD	44.62	1900	95.4	460	144	19
125	1200	447T	EM7089T-I-4	④	T3C	21,243	SD	47.83	2411	95	460	146	19
	1800	447T	EM74154T-I-4	④	T3C	22,174	SD	47.83	2455	95.8	460	169	19
200	1800	449T	EM74204T-I-4	④	T3C	31,693	SD	52.83	2993	96.2	460	223	19
C-Face, Foot Mounted													
1/2	1800	56C	CM7006-I	④	T3C	938	SD	13.14	52	80	230/460	0.8	15, 19, 30, 60
3/4	1800	56C	CM7010-I	④	T3C	956	SD	14.28	50	78.5	230/460	1.4	15, 19
1	3600	143TC	CEM7013T-I	④	T3C	1,376	SD	14.36	41	77	230/460	1.4	19
		143TC	CEM7013T-I-5	④	T3C	1,376	SD	14.36	41	84	575	1.1	
	1800	56C	CM7014-I	④	T3C	1,020	SD	14.28	52	82.5	230/460	1.6	19
		143TC	CEM7014T-I	④	T3C	1,375	SD	14.36	51	85.5	230/460	1.5	19
		143TC	CEM7014T-I-5	④	T3C	1,375	SD	14.36	51	85.5	575	1.2	
1 1/2	1200	145TC	CEM7032T-I	④	T3C	1,514	SD	15.23	49	82.5	230/460	1.8	19, 30
		3600	143TC	CEM7018T-I	④	T3C	1,386	SD	14.36	47	84	230/460	1.9
	1800	145TC	CEM7034T-I	④	T3C	1,563	SD	15.23	61	86.5	230/460	2.2	19, 30
		1200	182TC	CEM7020T-I	④	T3C	2,264	SD	19.59	102	87.5	230/460	2.4
2	3600	145TC	CEM7071T-I	④	T3C	1,506	SD	15.23	55	85.5	230/460	2.5	19, 30
		145TC	CEM7071T-I-5	④	T3C	1,506	SD	15.23	55	85.5	575	2	
	1800	145TC	CEM7037T-I	④	T3C	1,657	SD	16.10	66	86.5	230/460	2.9	19, 30
		145TC	CEM7037T-I-5	④	T3C	1,657	SD	16.10	76	88.5	575	2.2	
	1200	184TC	CEM7041T-I	④	T3C	2,323	SD	20.84	105	88.5	230/460	3.5	19

(a) See notes on inside back flap. Cast Iron Frame

④ = Class I, Group C & D

These motor include a UL Listed breather drain and expel internal condensation better than standard XP designs. Internal condensation is more frequently an issue in outdoor and exposed the environment installations that are not operated for extended periods. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

For more information visit baldor.com

Drill Rig Duty, Three Phase, 1.15 Service Factor

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3	3600	182TC	CEM7026T-I	④	T3C	1,928	SD	18.09	80	86.5	230/460	3.7	19, 30
		182TC	CEM7026T-I-5	④	T3C	1,928	SD	18.09	80	86.5	575	2.9	
	1800	182TC	CEM7042T-I	④	T3C	1,866	SD	19.59	117	89.5	230/460	4.2	19, 30
		182TC	CEM7042T-I-5	④	T3C	1,866	SD	19.59	108	89.5	575	3.3	
	1200	213TC	CEM7036T-I	④	T3C	2,529	SD	21.07	175	89.5	230/460	4.6	19, 30
5	3600	184TC	CEM7072T-I	④	T3C	2,318	SD	19.59	91	90.2	230/460	5.6	19
		184TC	CEM7072T-I-5	④	T3C	2,318	SD	19.59	91	88.5	575	4.8	
	1800	184TC	CEM7044T-I	④	T3C	2,256	SD	20.84	136	89.5	230/460	6.5	19, 30
		184TC	CEM7044T-I-5	④	T3C	2,256	SD	20.84	136	89.5	575	5.2	
	1200	215TC	CEM7040T-I	④	T3C	3,209	SD	23.07	180	89.5	230/460	7.3	19, 30
7 1/2	3600	213TC	CEM7045T-I	④	T3C	2,748	SD	20.32	149	89.5	230/460	9	19
		213TC	CEM7045T-I-5	④	T3C	2,748	SD	20.32	149	89.5	575	7	
	1800	213TC	CEM7047T-I	④	T3C	2,646	SD	21.07	161	91.7	230/460	9.5	19, 30
		213TC	CEM7047T-I-5	④	T3C	2,646	SD	21.07	161	91.7	575	7.6	
	1200	254TC	CEM7048T-I	④	T3C	4,749	SD	26.00	393	91	230/460	11	19, 30
10	3600	215TC	CEM7174T-I	④	T3C	3,172	SD	20.78	212	90.2	230/460	11.8	19
		215TC	CEM7174T-I-5	④	T3C	3,172	SD	20.78	212	90.2	575	9.3	
	1800	215TC	CEM7170T-I	④	T3C	3,219	SD	20.78	252	92.4	230/460	12.3	19
		215TC	CEM7170T-I-5	④	T3C	3,219	SD	20.78	252	92.4	575	10.1	
	1200	256TC	CEM7065T-I	④	T3C	5,436	SD	26.00	412	91	230/460	15	19, 30
15	3600	254TC	CEM7053T-I	④	T3C	4,554	SD	26.00	349	91	230/460	17.2	19
		254TC	CEM7053T-I-5	④	T3C	4,554	SD	26.00	359	91	575	13.7	
	1800	254TC	CEM7054T-I	④	T3C	5,324	SD	26.00	383	92.4	230/460	18.1	19, 30
		254TC	CEM7054T-I-5	④	T3C	5,324	SD	26.00	374	92.4	575	14.5	
	1200	284TC	CEM7057T-I	④	T3C	8,317	SD	28.61	552	91.7	230/460	20	19
20	3600	256TC	CEM7059T-I	④	T3C	5,458	SD	26.00	413	91	230/460	22	19, 30
		256TC	CEM7059T-I-5	④	T3C	5,458	SD	26.00	409	91	575	17.5	
	1800	256TC	CEM7056T-I	④	T3C	6,310	SD	26.00	409	93	230/460	24	19, 30
		256TC	CEM7056T-I-5	④	T3C	6,310	SD	26.00	393	93	575	19.2	
	1200	286TC	CEM7079T-I	④	T3C	8,493	SD	28.61	566	91.7	230/460	25	19, 30
25	3600	284TSC	CEM7063T-I	④	T3C	7,199	SD	27.23	560	91.7	230/460	28.5	19
		284TSC	CEM7063T-I-5	④	T3C	7,199	SD	27.23	560	91.7	575	23	
	1800	284TC	CEM7058T-I	④	T3C	7,727	SD	28.61	563	93.6	230/460	30.5	19, 30
		284TC	CEM7058T-I-5	④	T3C	7,727	SD	28.61	559	93.6	575	24.5	
	1200	324TC	CEM7082T-I	④	T3C	10,850	SD	32.00	741	93	230/460	32	19, 30
30	3600	286TSC	CEM7083T-I	④	T3C	8,157	SD	27.23	495	91.7	230/460	33	19
		286TSC	CEM7083T-I-5	④	T3C	8,157	SD	27.23	495	91.7	575	26	
	1800	286TC	CEM7060T-I	④	T3C	8,967	SD	28.61	572	93.6	230/460	36	19, 30
		286TC	CEM7060T-I-5	④	T3C	8,967	SD	28.61	573	93.6	575	29	
	1200	326TC	CEM7080T-I	④	T3C	11,722	SD	32.00	766	93	230/460	39	19, 30
40	3600	324TSC	CEM7067T-I	④	T3C	10,966	SD	30.50	750	92.4	230/460	45	19
		324TSC	CEM7067T-I-5	④	T3C	10,966	SD	30.50	751	92.4	575	36	
	1800	324TC	CEM7062T-I	④	T3C	11,961	SD	32.00	721	94.1	230/460	48	19
		324TC	CEM7062T-I-5	④	T3C	11,961	SD	32.00	720	94.1	575	39	
	1200	364TC	CEM7084T-I	④	T3C	13,472	SD	33.44	886	94.1	230/460	47.2	19, 30
50	3600	326TSC	CEM7081T-I	④	T3C	13,368	SD	30.50	766	93	230/460	56	19, 30
		326TSC	CEM7081T-I-5	④	T3C	13,368	SD	30.50	766	93	575	45	
	1800	326TC	CEM7064T-I	④	T3C	13,601	SD	32.00	771	94.5	230/460	59	19, 30
		326TC	CEM7064T-I-5	④	T3C	13,601	SD	32.00	800	94.5	575	47	
60	1800	364TC	CEM7066T-I	④	T3C	15,388	SD	33.44	910	95	230/460	67.8	19, 30
75	1800	365TC	CEM7068T-I	④	T3C	15,909	SD	33.44	977	95.4	230/460	84.1	19, 30
100	1800	405TC	CEM7090T-I	④	T3C	19,650	SD	38.31	1375	95.4	230/460	112	19, 30

(a) See notes on inside back flap.

④ = Class I, Group C & D

■ Cast Iron Frame

These motor include a UL Listed breather drain and expel internal condensation better than standard XP designs. Internal condensation is more frequently an issue in outdoor and exposed the environment installations that are not operated for extended periods. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Drill Rig Duty, Three Phase, 1.15 Service Factor

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, Footless													
1/2	1800	56C	VM7006-I	④	T3C	858	SD	13.14	51	80	230/460	0.8	19, 30, 60
3/4	1800	56C	VM7010-I	④	T3C	953	SD	14.31	48	78.5	230/460	1.4	19
1	1800	56C	VM7014-I	④	T3C	1,366	SD	14.31	52	85.5	230/460	1.5	19, 30
		56C	VM7014-I	④	T3C	1,001	SD	14.31	51	82.5	230/460	1.6	19
		143TC	VM7014T-I	④	T3C	1,366	SD	14.36	52	85.5	230/460	1.5	19, 30
		143TC	VM7014T-I	④	T3C	1,080	SD	14.36	51	82.5	230/460	1.6	19
1 1/2	1800	56C	VM7034-I	④	T3C	1,554	SD	15.17	56	86.5	230/460	2.2	19, 30
		56C	VM7034-I	④	T3C	1,078	SD	15.17	55	84	230/460	2.4	19
		145TC	VM7034T-I	④	T3C	1,554	SD	15.23	59	86.5	230/460	2.2	19, 30
		145TC	VM7034T-I	④	T3C	1,164	SD	15.23	58	84	230/460	2.4	19
2	1800	145TC	VM7037T-I	④	T3C	1,648	SD	16.10	62	86.5	230/460	2.9	19, 30
		145TC	VM7037T-I	④	T3C	1,259	SD	15.23	60	84	230/460	3.1	19
3	1800	182TC	VM7042T-I	④	T3C	1,851	SD	19.59	108	89.5	230/460	4.2	19, 30
		182TC	VM7042T-I	④	T3C	1,614	SD	19.59	106	87.5	230/460	4.1	19
5	1800	184TC	VM7044T-I	④	T3C	2,241	SD	20.84	122	89.5	230/460	6.5	19, 30
		184TC	VM7044T-I	④	T3C	1,966	SD	19.59	120	87.5	230/460	6.7	19
7 1/2	1800	213TC	VM7047T-I	④	T3C	2,626	SD	21.06	170	91.7	230/460	9.5	19, 30
		213TC	VM7047T-I	④	T3C	2,275	SD	21.07	165	89.5	230/460	10.2	19, 30
10	1800	215TC	VM7170T-I	④	T3C	3,199	SD	20.77	252	92.4	230/460	12.3	19, 30
		215TC	VM7170T-I	④	T3C	2,760	SD	20.77	230	89.5	230/460	12.7	19, 30
15	1800	254TC	VM7054T-I	④	T3C	4,609	SD	26.00	374	92.4	230/460	18	19, 30
20	1800	256TC	VM7056T-I	④	T3C	5,467	SD	26.00	393	93	230/460	24	19, 30
25	1800	284TC	VM7058T-I	④	T3C	6,688	SD	28.67	560	93.6	230/460	30.5	19, 30
30	1800	286TC	VM7060T-I	④	T3C	7,767	SD	28.67	572	93.6	230/460	36	19, 30
40	1800	324TC	VM7062T-I	④	T3C	10,349	SD	32.00	721	94.1	230/460	48	19
50	1800	326TC	VM7064T-I	④	T3C	11,776	SD	32.00	771	94.5	230/460	59	19, 30

(a) See notes on inside back flap.

④ = Class I, Group C & D

Cast Iron Frame Red Catalog Number indicates NEW Product.

These motor include a UL Listed breather drain and expel internal condensation better than standard XP designs. Internal condensation is more frequently an issue in outdoor and exposed the environment installations that are not operated for extended periods. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Drill Rig Duty, Single Phase, C-Face, 1.15 Service Factor, Foot Mounted

1/3 thru 1 Hp



Features:

- Steel band frame, cast iron endplates and conduit box
- 1.15 SF, Class F insulation, 40°C ambient
- Suitable for 55°C ambient at 1.0 SF
- DE shaft slinger, UL breather drains
- Normally closed thermostats
- Threaded lead inlet
- IP55 enclosure, marked on nameplate

Applications:

- Customer specified Division 1 Hazardous Areas
- Chemical, Oil & Gas
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	56C	CL5001-I	④	T3C	911	K	14.31	47	55	115/208-230	3.3	
1/2	1800	56C	CL5004-I	④	T3C	912	K	14.31	53	68	115/208-230	3.7	
3/4	1800	56C	CL5007-I	④	T3C	974	K	15.17	60	68	115/208-230	5.3	
1	1800	56C	CL5023-I	④	T3C	1,049	K	16.05	66	68	115/230	6	30

(a) See notes on inside back flap. ④ = Class I, Group C & D

These motor include a UL Listed breather drain and expel internal condensation better than standard XP designs. Internal condensation is more frequently an issue in outdoor and exposed the environment installations that are not operated for extended periods. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Drill Rig Duty, Close Coupled Pump, 230/460 & 575 Volts

3 thru 10 Hp



Features:

- Cast iron frame, endplates, conduit box and fan cover
- 1.15 SF, Class F insulation, 40°C ambient
- Suitable for 55°C ambient at 1.0 SF
- DE shaft slinger, UL breather drains
- Normally closed thermostats
- Threaded lead inlet
- IP55 enclosure, marked on nameplate

Applications:

- Customer specified Division 1 Hazardous Areas
- Chemical, Oil & Gas industrial pumps
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 Volts													
3	1800	182JP	EJPM7142T-I	④	T3C	2,112	L1	22.09	127	89.5	230/460	4.1	1, 19, 30
5	1800	184JP	EJPM7144T-I	④	T3C	2,472	L1	22.09	152	89.5	230/460	6.6	1, 19, 30
7 1/2	1800	213TCZ	EJPM71147T-I	④	T3C	2,804	L1	25.65	225	91.7	230/460	9.5	1, 19, 97
10	1800	215TCZ	EJPM71170T-I	④	T3C	3,473	L1	25.65	252	92.4	230/460	12.3	19, 97
575 Volts													
3	1800	182JP	EJPM7142T-I-5	④	T3C	2,112	L1	22.09	127	89.5	575	3.3	1, 30
5	1800	184JP	EJPM7144T-I-5	④	T3C	2,472	L1	22.09	152	89.5	575	5.3	1, 30
7 1/2	1800	213TCZ	EJPM71147T-I-5	④	T3C	2,804	L1	25.65	228	91.7	575	7.5	1, 97
10	1800	215TCZ	EJPM71170T-I-5	④	T3C	3,473	L1	25.65	252	92.4	575	10.1	97

(a) See notes on inside back flap. ④ = Class I, Group C & D █ Cast Iron Frame Red Catalog Number indicates NEW Product.

These motor include a UL Listed breather drain and expel internal condensation better than standard XP designs. Internal condensation is more frequently an issue in outdoor and exposed the environment installations that are not operated for extended periods. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Jet Pump, Footless

1/2 thru 2 Hp



Features:

- NEMA 56J jet pump mounting
- Steel band frame, cast iron endplates
- Oversized ball bearings, locked DE
- Auto thermal overload (< 1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet

Applications:

- Customer specified Division 1 Hazardous Areas
- Wastewater
- Industrial pumps
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single Phase													
1/2	3600	56J	JL5003A	②	T4	691	K	14.79	37	55	115/230	3.9	15
3/4	3600	56J	JL5006A	②	T4	773	K	15.68	37	62	115/230	4.9	15
1	3600	56J	JL5009A	②	T4	828	K	15.68	49	66	115/230	6	15
1 1/2	3600	56J	JL5030	②	T3C	1,065	K	15.68	52	70	115/208-230	7.5	15
2	3600	56J	JL5031	②	T3C	1,157	K	16.56	60	74	115/208-230	11.5	15
Three Phase													
1	3600	56J	EJM7013	②	T3C	1,056	K	32	77	77	230/460	1.4	30
		56J	JM7013	②	T3C	918	K	13.72	30	75.5	230/460	1.8	16, 30
1 1/2	3600	56J	EJM7018	②	T3C	1,076	K	14.79	47	84	230/460	1.9	30
		56J	JM7018	②	T3C	936	K	14.79	41	75.5	208-230/460	2.3	16
2	3600	56J	EJM7071	②	T3C	1,127	K	15.67	55	85.5	230/460	2.5	30
		56J	JM7071	②	T3C	980	K	15.67	48	78.5	208-230/460	2.7	16

(a) See notes on inside back flap. ② = Class I, Group D, Class II, Group F & G Red Catalog Number indicates NEW Product.

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Close-Coupled Pump, Three Phase

3 thru 10 Hp



Features:

- NEMA JM pump mounting
- Steel band frame, cast iron endplates
- Oversized ball bearings, locked DE
- Normally closed thermostats
- Threaded lead inlet

Applications:

- Customer specified Division 1 Hazardous Areas
- Wastewater
- Industrial pumps
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3	3600	145JM	EJMM7075T	①	T3C	1,686	L1	18.67	72	86.5	230/460	3.6	30
		145JM	JMM7075T	①	T3C	1,466	L1	17.80	69	85.5	208-230/460	3.7	16
		182JM	EJMM7026T	①	T2C	1,895	L1	18.98	90	86.5	230/460	3.7	30
		182JM	JMM7026T	①	T2C	1,466	L1	18.98	88.5	85.5	208-230/460	3.7	16
5	3600	184JM	EJMM7072T	①	T2C	2,278	L1	20.36	112	88.5	230/460	5.9	30
		184JM	JMM7072T	①	T2C	1,981	L1	20.36	110	87.5	230/460	5.6	16
7 1/2	3600	184JM	EJMM7073T	①	T2C	2,561	L1	21.86	120	89.5	230/460	8.4	30
		184JM	JMM7073T	①	T2C	2,227	L1	21.86	118	88.5	230/460	8.7	16
		213JM	EJMM7045T	①	T2C	3,002	L1	20.05	170	89.5	230/460	9	30
		213JM	JMM7045T	①	T2C	2,610	L1	20.05	165	88.5	230/460	9.5	16
10	3600	215JM	EJMM7074T	①	T2C	3,399	L1	20.05	175	90.2	230/460	11.8	30
		215JM	JMM7074T	①	T2C	2,956	L1	20.05	165	90.2	230/460	12	16

(a) See notes on inside back flap. Red Catalog Number indicates NEW Product.

① = Class I, Group D

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Brake Motor, Three Phase, C-Face

1/2 thru 5 Hp



Features:

- Spring set brake, power off operation manual brake release
- Brake resets automatically
- External, separately wired brake
- Normally closed thermostats
- Threaded lead inlet

Applications:

- Customer specified Division 1 Hazardous Areas
- Stopping and holding brake motor
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
1/2	1800	56C	CBM7006	②	T3C	3,306	K	19.44	95	80	230/460	0.8	3	30, 41, 60
3/4	1800	56C	CBM7010	①	T2C	3,682	K	19.13	93	78.5	230/460	1.4	6	2, 30, 41, 60
1	1800	143TC	CEBM7014T	②	T3C	4,881	L1	20.37	99	87.5	230/460	1.5	6	2, 30, 41, 60
		143TC	CBM7014T	②	T3C	4,244	L1	19.50	95	82.5	230/460	1.4	6	2, 16, 30, 41, 60
2	1800	182TC	CEBM7023T	②	T3C	5,908	L1	23.24	145	86.5	230/460	3	10	2, 41, 60
		182TC	CBM7023T	①	T2C	5,137	L1	23.24	137	84	230/460	2.9	10	2, 41, 60
3	1800	L182TC	CEBM7142T	②	T3C	6,217	L1	26.63	240	91.7	230/460	12	15	41
		215TC	CBM7027T	①	T2C	7,122	L1	27.29	215	84	230/460	4.3	15	2, 40, 60
5	1800	L184TC	CEBM7144T	②	T3C	7,489	L1	29.72	289	91.7	230/460	12	25	40

(a) See notes on inside back flap.

(b) Brake torque rating in lb.-ft.

■ Cast Iron Frame

① = Class I, Group D ② = Class I, Group D, Class II, Group F & G

Red Catalog Number indicates NEW Product.

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter duty explosion-proof motors must be used.

Explosion Proof, Inverter Duty, Class I, Group D, Foot Mounted

20 thru 75 Hp



Features:

- Cast iron frame, endplates and conduit box
- Inverter Duty nameplate
- Normally closed thermostats
- Threaded lead inlet
- Low noise vibration dampening bases

Applications:

- Customer specified Division 1 Hazardous Areas
- Fixed speed and Inverter operation

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
2:1 Constant Torque, 10:1 Variable Torque Ratings														
25	1800	2700	284T	IDXM7058T	Ⓛ	T2B	6,190	L1	28.61	536	93.6	230/460	30.5	
30	1800	2700	286T	IDXM7060T	Ⓛ	T2B	7,550	L1	28.61	561	93.6	230/460	38	
40	1800	2700	324T	IDXM7062T	Ⓛ	T2B	10,113	L1	32.00	748	94.1	230/460	48	
50	1800	2700	326T	IDXM7064T	Ⓛ	T2B	11,765	L1	32.00	764	94.5	230/460	58	
60	1800	2700	364T	IDXM7066T	Ⓛ	T2B	13,433	L1	33.44	1024	95	230/460	68	
75	1800	2700	405T	IDXM7068T	Ⓛ	T2B	14,892	L1	38.22	1391	95	230/460	82	
10:1 Constant Torque and Variable Torque Ratings														
20	1800	2700	284T	IDXM7556T	Ⓛ	T2B	6,485	L1	28.61	526	93	230/460	23	
25	1800	2700	324T	IDXM7558T	Ⓛ	T2B	7,808	L1	32.00	708	93.6	230/460	30	
30	1800	2700	326T	IDXM7560T	Ⓛ	T2B	9,088	L1	32.00	738	93.6	230/460	37	
40	1800	2700	364T	IDXM7562T	Ⓛ	T2B	10,165	L1	33.44	1013	95	230/460	48.2	
50	1800	2700	365T	IDXM7564T	Ⓛ	T2B	12,680	L1	33.44	1034	93.6	230/460	61.6	
60	1800	2700	405T	IDXM7566T	Ⓛ	T2B	15,021	L1	38.22	1262	93.6	230/460	67.6	

(a) See notes on inside back flap.

Ⓛ = Class I, Group D

■ Cast Iron Frame

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General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

HVAC Motors

Farm Duty Motors

BALDOR • RELIANCE®**Explosion Proof Motors****Explosion Proof, Inverter Duty, Class I, Group D, C-Face, Foot Mounted****3 thru 20 Hp****Features:**

- Cast Iron Frame, endplates and conduit box
- Inverter Duty nameplate
- Normally closed thermostats
- Threaded lead inlet
- Low noise vibration dampening bases

Applications:

- Customer specified Division 1 Hazardous Areas
- Fixed speed and Inverter operation

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face Foot Mounted, 2:1 Constant Torque, 10:1 Variable Torque Ratings														
3	1800	2700	182TC	IDXM7142T	①	T2B	1,715	L1	18.24	145	89.5	230/460	4.1	
5	1800	2700	184TC	IDXM7144T	①	T2B	2,040	L1	18.24	161	89.5	230/460	6.5	
7 1/2	1800	2700	213TC	IDXM7147T	①	T2B	2,565	L1	20.69	227	91.7	230/460	9.5	
10	1800	2700	215TC	IDXM7170T	①	T2B	3,516	L1	20.69	231	92.4	230/460	12.5	30
15	1800	2700	254TC	IDXM7054T	①	T2B	4,026	L1	26.00	373	92.4	230/460	18.1	
20	1800	2700	256TC	IDXM7056T	①	T2B	5,224	L1	26.00	408	93	230/460	24	
C-Face Foot Mounted, 10:1 Constant Torque and Variable Torque Ratings														
3	1800	2700	182TC	IDXM7542T	①	T2B	1,799	L1	18.24	146	89.5	230/460	4.1	
5	1800	2700	213TC	IDXM7544T	①	T2B	2,621	L1	20.65	212	90.2	230/460	6.7	
7 1/2	1800	2700	215TC	IDXM7547T	①	T2B	3,685	L1	20.65	226	91.7	230/460	9.5	
10	1800	2700	254TC	IDXM7570T	①	T2B	4,124	L1	26.00	392	91.7	230/460	12.4	
15	1800	2700	256TC	IDXM7554T	①	T2B	5,348	L1	26.00	392	92.4	230/460	17	

(a) See notes on inside back flap. ① = Class I, Group D ■ Cast Iron Frame

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

Explosion Proof, Inverter Duty, Class I, Group D, Class II, Group F&G, C-Face, Foot Mounted, 10:1 CT, 10:1 VT**1/3 thru 2 Hp****Features:**

- Steel band frame, cast iron endplates
- Inverter Duty nameplate
- Threaded lead inlet
- Normally closed thermostats

Applications:

- Customer specified Division 1 Hazardous Areas
- Fixed speed and Inverter operation

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	2700	56C	IDXM7002	②	T3C	1,190	L1	14.30	43	80	230/460	0.55	
1/2	1800	2700	56C	IDXM7006	②	T3C	1,223	L1	14.30	39	82.5	230/460	0.8	
3/4	1800	2700	56C	IDXM7010	②	T3C	1,250	L1	14.30	43	84	230/460	1.1	
1	1800	2700	143TC	IDXM7014T	②	T3C	1,392	L1	14.30	52	85.5	230/460	1.5	
1 1/2	1800	2700	145TC	IDXM7034T	②	T3C	1,442	L1	15.20	60	86.5	230/460	2.2	
2	1800	2700	145TC	IDXM7037T	②	T3C	1,577	L1	16.10	63	88.5	230/460	2.8	

(a) See notes on inside back flap.

② = Class I, Group D, Class II, Group F & G

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

For more information visit baldor.com

**Explosion Proof, Inverter Duty, Class I, Group C&D;
Class II, Group F&G, T3C (160°C) Temperature Code,
4:1 CT, 10:1 VT**

3 thru 75 Hp



Features:

- Cast iron frame, endplates and conduit box
- 1.15 SF on sine wave, 1.0 SF on Inverter, 40°C ambient
- Inverter Duty nameplate
- Normally closed thermostats
- Threaded lead inlet
- UL breather drains

Applications:

- Customer specified Division 1 Hazardous Areas
- Fixed speed and Inverter operation

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot Mounted														
3	1800	2700	L182T	IDXM7542T-C	Ⓢ	T3C	1,577	L1	17.12	175	89.5	230/460	4.3	20
5	1800	2700	L184T	IDXM7544T-C	Ⓢ	T3C	1,902	L1	17.12	225	89.5	230/460	7.1	20
7.5	1800	2700	L213T	IDXM7547T-C	Ⓢ	T3C	2,468	L1	20.12	250	91.7	230/460	9.5	20
10	1800	2700	L215T	IDXM7570T-C	Ⓢ	T3C	3,419	L1	20.12	300	91.7	230/460	12.7	20
15	1800	2700	254T	IDXM7554T-C	Ⓢ	T3C	3,846	L1	24.56	350	92.4	230/460	17.8	20
20	1800	2700	256T	IDXM7556T-C	Ⓢ	T3C	5,044	L1	24.56	400	93	230/460	24.3	20
25	1800	2700	284T	IDXM7558T-C	Ⓢ	T3C	6,700	L1	27.44	450	93.6	230/460	30.6	20
30	1800	2700	286T	IDXM7560T-C	Ⓢ	T3C	8,060	L1	27.44	500	93.6	230/460	37.4	20
40	1800	2700	324T	IDXM7562T-C	Ⓢ	T3C	10,723	L1	30.44	825	94.1	230/460	47.8	20
50	1800	2700	326T	IDXM7564T-C	Ⓢ	T3C	12,375	L1	30.44	900	94.5	230/460	59.4	20
60	1800	2700	364T	IDXM7566T-C	Ⓢ	T3C	14,266	L1	33.44	965	95	230/460	68	20
75	1800	2700	365T	IDXM7568T-C	Ⓢ	T3C	14,725	L1	33.44	1326	95.4	230/460	85.9	20
C-Face Foot Mounted														
3	1800	2700	L182TC	IDXCM7542T-C	Ⓢ	T3C	1,892	L1	17.88	175	89.5	230/460	4.3	20
5	1800	2700	L184TC	IDXCM7544T-C	Ⓢ	T3C	2,217	L1	17.88	225	89.5	230/460	7.1	20
7.5	1800	2700	L213TC	IDXCM7547T-C	Ⓢ	T3C	2,809	L1	20.88	250	91.7	230/460	9.5	20
10	1800	2700	L215TC	IDXCM7570T-C	Ⓢ	T3C	3,760	L1	20.88	300	91.7	230/460	12.7	20
15	1800	2700	254TC	IDXCM7554T-C	Ⓢ	T3C	4,359	L1	25.06	350	92.4	230/460	17.8	20
20	1800	2700	256TC	IDXCM7556T-C	Ⓢ	T3C	5,557	L1	25.06	400	93	230/460	24.3	20
25	1800	2700	284TC	IDXCM7558T-C	Ⓢ	T3C	7,558	L1	27.44	450	93.6	230/460	30.6	20
30	1800	2700	286TC	IDXCM7560T-C	Ⓢ	T3C	8,918	L1	27.44	500	93.6	230/460	37.4	20
40	1800	2700	324TC	IDXCM7562T-C	Ⓢ	T3C	11,963	L1	30.44	825	94.1	230/460	47.8	20
50	1800	2700	326TC	IDXCM7564T-C	Ⓢ	T3C	13,615	L1	30.44	900	94.5	230/460	59.4	20
60	1800	2700	364TC	IDXCM7566T-C	Ⓢ	T3C	15,841	L1	33.44	910	95	230/460	68	20
75	1800	2700	365TC	IDXCM7568T-C	Ⓢ	T3C	16,300	L1	33.44	965	95.4	230/460	85.9	20

(a) See notes on inside back flap.

Ⓢ = Class I, Group C & D, Class II, Group F & G

■ Cast Iron Frame

These motor include a UL Listed breather drain and expel internal condensation better than standard XP designs. Internal condensation is more frequently an issue in outdoor and exposed environment installations that are not operated for extended periods.