

PRODUCT NOTE

BALDOR-RELIANCE® FOOD SAFE FEATHER PICKER MOTORS

Compact and cleanest solution



High torque, compact footprint and washdown-ready—the ideal motor for feather picker applications in poultry processing.

Built for the demands of poultry processing, Baldor-Reliance® Feather Picker motors deliver powerful, slip-tolerant performance in a compact, hygienic design.



Baldor-Reliance® Food Safe Feather Picker motor: Industry-leading stainless-steel enclosure is the safest and cleanest washdown motor available in the market. Feather picker motor is specially designed for poultry processing in tight spaces.

Stainless steel motor standard features:

- 3 Hp, 4-pole
- NEMA 145 frame size
- NEMA Design D for high starting torque and slip-tolerant performance required to handle irregular and heavy loads during poultry processing
- Available in foot mount and C-face design
- Two variations:
 - Coded with water-tight strain relief
 - 360-rotatable conduit box options
- Zone 1 IP69 for high-pressure, high-temperature washdown for food safety
- Potted colored-coded leads
- O-ring sealed endplates and conduit box
- Totally encapsulated motor
- Laser marked nameplate
- Cleanability: Easy to sanitize and clean
- Sealed for life bearings – easy to maintain
- 300 series stainless steel
- No crevices for food to collect
- O-ring sealed endplates and conduit box
- Removable condensate drains in each endplate
- Smooth surfaces that won't trap contaminants
- Internal and external shaft sealing
- For inverter use per NEMA MG1 Part 31.4.4.2
- 2-year warranty



FOOD SAFE FEATHER PICKER MOTOR

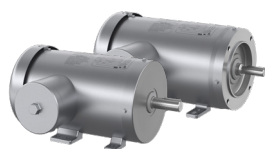
Up to 3 Hp, three phase motors - NEMA Design D



Cord with water-tight strain relief
The highest protection for longevity in feather picking applications

IP69

Hp	RPM	NEMA Frame	Catalog Number	List Price	"C" Dim.	Aprox. wt. (lb)	Full load efficiency	Voltage	Full load amps
Foot mounted									
3	1800	145T	FSWDM3551TP-E	4,899	16.28	59	81.0	460	4
C-face foot mounted									
3	1800	145TC	CFSWDM355TP-E	4,999	16.28	59	81.0	460	4



360 rotatable conduit box
The highest protection for longevity in feather picking applications

IP69

Hp	RPM	NEMA Frame	Catalog Number	List Price	"C" Dim.	Aprox. wt. (lb)	Full load efficiency	Voltage	Full load amps
Foot mounted									
3	1800	145T	FSWDM3551TP-E1	4,999	16.28	59	81.0	230/460	4
C-face foot mounted									
3	1800	145TC	CFSWDM3551TP-E1	5,099	16.28	59	81.0	230/460	4



Our recommended model is the Food Safe stainless steel motor for maximum durability in high washdown environments. For applications with less demanding washdown requirements, a White Washdown epoxy-coated version is also available.

- Labyrinth seal on DE and ODE
- Epoxy encapsulated windings
- Stainless steel hardware, shaft extension, nameplate
- Neoprene gaskets
- Double sealed ball bearing
- White epoxy, corrosion-resistant finish

IP56

Hp	RPM	NEMA Frame	Catalog Number	List Price	"C" Dim.	Aprox. wt. (lb)	Full load efficiency	Voltage	Full load amps
Foot mounted									
2	1800	145T	WDM3558TP	1,951	14.16	39	82.5	230/460	2.8
3	1800	143T	WDM3561TP	2,396	15.53	59	81.5	230/460	4.3
C-face foot mounted									
3	1800	143TC	CWDM3561TP	2,458	15.54	59	81.5	230/460	4.3
	1800	145TC	CWDM3561TP-5	2,458	15.54	59	81.5	575	3.4