

Washdown Duty Motors

BALDOR • RELIANCE®

General Information

Brake Motor, Three Phase, Totally Enclosed, C-Face, Foot Mounted

1 thru 5 Hp

NEMA 56C thru 184TC

Applications: Food processing and other applications where motors receive washdown on a regular basis.

Features: Class F insulated motor with 1.15 service factor or higher that operates within class “B” temperature limits at rated horsepower. Standard NEMA BA dimension, 300 series stainless steel hardware, moisture sealant on bolt heads, between frame and end plates. Neoprene gaskets. Spring-set brake internally connected to the motor. Power off manual release. Resets automatically. Motors have NEMA Premium® Efficiency and inverter-ready. 230/460V brakes are connected in conduit box allowing for separate connection when used with an inverter.



Single Phase Motors

General Purpose Industrial Motors

Premium Efficient Super-E® Motors

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	56C	TENV	CEWDBM3538	1,517	WD	15.31	42	82.5	230/460	0.8	1
3/4	1800	56C	TENV	CEWDBM3542	1,639	WD	15.31	43	82.5	230/460	1.1	1
1	1800	56C	TENV	CEWDBM3546	1,683	WD	16.31	52	86.5	208-230/460	1.4	1
		143TC	TENV	CEWDBM3546T	1,700	WD	16.81	51	86.5	208-230/460	1.4	1
1 1/2	1800	145TC	TENV	CEWDBM3554T	1,832	WD	18.14	58	86.5	230/460	2	1,30
2	1800	145TC	TEFC	CEWDBM3558T	1,864	WD	19.44	57	86.5	208-230/460	2.7	1
3	1800	182TC	TEFC	CEWDBM3611T	2,255	WD	15.56	92	89.5	208-230/460	4.1	1
5	1800	184TC	TEFC	CEWDBM3615T	2,724	WD	17.06	111	90.2	230/460	6.5	1,30

(a) See notes on inside back flap and pages 5-6.

Efficiencies shown are nominal. Data subject to change without notice. Contact Baldor for certified data.

Severe Duty Motors

Washdown Duty Motors

Feather Picker Motor, Three Phase, TEFC

2 thru 3 Hp

NEMA 145T

Applications: Poultry processing plants. Designed for use on equipment used to remove feathers from poultry.

Features: Class F insulated motor with 1.15 service factor or higher that operates within class “B” temperature limits at rated horsepower. Moisture resistant ISR® (Inverter Spike Resistant®) 200°C magnet wire. Top mounted F3 conduit box. Sealed ball bearings with moisture-resistant grease. Tropicalized.



Explosion Proof Motors

Pump Motors

Commercial Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
2	1800	145T	WDM3558TP	738	WD	12.79	42	84	208-230/460	2.9	1
3	1800	145T	WDM3561TP	931	WD	15.04	63	87.5	208-230/460	4.1	1

(a) See notes on inside back flap and pages 5-6.

HVAC Motors