

BALDOR • RELIANCE®

General Information

**Washdown  
Close-Coupled Pump,  
Three Phase,  
Totally Enclosed**

**1 thru 15 Hp**

**NEMA 143JM thru 215JM**

**Applications:** Commercial and industrial water pumps, food processing and applications that expose the motor to high pressure washdown.

**Features:** Over-sized ball bearings with locked drive end construction for minimum shaft movement. Moisture sealant on bolt heads, between frame and endplates. Neoprene gaskets. Forsheda® running contact v-ring slinger. Stainless steel shaft extension. Electrostatic epoxy coating. Tropicalized.



Single Phase Motors

General Purpose Industrial 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	1800	143JM	TENV	JMWDM3546T	681	WD	14.25	42	81.5	208-230/460	1.6	1
1 1/2	3600	143JM	TEFC	JMWDM3550T	713	WD	15.43	37	75.5	230/460	2.3	1
	1800	145JM	TENV	JMWDM3554T	713	WD	15.13	49	82.5	208-230/460	2.1	2,20
2	3600	145JM	TEFC	JMWDM3555T	793	WD	15.43	41	78.5	208-230/460	2.7	1
	1800	145JM	TEFC	JMWDM3558T	745	WD	15.43	44	82.5	208-230/460	3.1	1
3	3600	145JM	TEFC	JMWDM3559T	892	WD	15.43	49	82.5	208-230/460	3.8	1
	1800	182JM	TEFC	JMWDM3611T	892	WD	16.67	56	82.5	208-230/460	4.3	1
5	3600	184JM	TEFC	JMWDM3613T	1,144	WD	18.05	77	85.5	208-230/460	6	1
	1800	184JM	TEFC	JMWDM3615T	998	WD	18.05	85	85.5	208-230/460	6.6	1
7 1/2	3600	184JM	TEFC	JMWDM3616T	1,296	WD	19.55	94	87.5	208-230/460	8.6	2,20
	1800	213JM	TEFC	JMWDM3710T	1,277	WD	19.78	123	87.5	208-230/460	10.9	1
10	3600	215JM	TEFC	JMWDM3711T	1,742	WD	19.78	132	87.5	208-230/460	11.9	1
	1800	215JM	TEFC	JMWDM3714T	1,613	WD	20.91	141	89.5	208-230/460	13.5	2,20
15	3600	215JM	TEFC	JMWDM3713T	2,076	WD	20.91	154	86.5	230/460	17	2,8

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

Washdown Duty Motors

**Close-Coupled Pump,  
Three Phase,  
Explosion Proof**

**3 thru 10 Hp**

**NEMA 145JM thru 215JM**

**Applications:** Applications for circulating and transferring fluids in hazardous locations.

**Features:** C-face with base. Corrosion resistant epoxy finish, rotors corrosion treated and precision balanced to insure smooth operation. 1.00 Service Factor. Class I, Group D only, T2C.



Explosion Proof Motors

Pump 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)
3	3600	145JM	JMM7075T	1,047	L1	17.80	63	82.5	208-230/460	3.8	
		182JM	JMM7026T	1,047	L1	19.00	84	81.5	208-230/460	3.9	
5	3600	184JM	JMM7072T	1,415	L1	20.38	101	85.5	208-230/460	6	
7 1/2	3600	184JM	JMM7073T	1,591	L1	21.88	118	87.5	208-230/460	8.6	
		213JM	JMM7045T	1,866	L1	20.05	146	84	230/460	9.3	
10	3600	215JM	JMM7074T	2,113	L1	21.19	171	86.5	230/460	12	

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

Commercial Motors

HVAC Motors

**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. Care should be used when selecting an explosion-proof motor, especially when installed outdoors and on intermittent duty. The Explosion-proof motors are not suitable for use with adjustable speed drives. Inverter Duty Explosion-proof motors must be used. See page 205.