

# Special Application Close Coupled Pump Three Phase Open Dripproof (ODP) Energy Efficient



FD4

## APPLICATIONS:

Designed for the specific requirements of centrifugal pumps where the pump impeller is mounted directly on the motor shaft.  
Used where dirt and moisture are minimal.

## FEATURES:

- Class F Insulation, Class B Rise At Service Factor
- Rolled Steel Frame
- Aluminum End Shields 140-250, Cast Iron End Shields 280-320
- Oversized Ball Bearings w/Locked Shaft End Construction
- Premasked Mylar Nameplate (with CE Mark)
- F1 Assembly Position
- Regreaseable Bearings 180 Frame & Up, Lifting Provisions 210 Frame & Up
- Double Shielded Bearings
- 40C Ambient, NEMA<sup>®</sup> Design B Performance (4)
- "JP" Shaft For Packing Seal, "JM" Shaft For Mechanical Seal
- Full 50 & 60 Hertz Operating Data On Nameplate (3)
- Conversion Kits: Canopy Kits

## JM Shaft — Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	208-230/460	143JM	DJ1E2DM	\$390	DS-3FPO	1.15	15.4	30	82.5	3.1-3.0/1.5	16
1-1/2	3600	208-230/460	143JM	DJ32E1DM	\$421	DS-3FPO	1.15	15.4	30	82.5	4.3-4/2	16
	1800	208-230/460	145JM	DJ32E2DM	\$401	DS-3FPO	1.15	15.4	35	84.0	4.5-4.4/2.2	16
	1800	575	145JM	DJ32E2GM	\$401	DS-3FPO	1.15	15.4	35	85.5	1.7	
2	3600	208-230/460	145JM	DJ2E1DM	\$449	DS-3FPO	1.15	15.4	35	84.0	5.6-5.1/2.5	16
	1800	208-230/460	145JM	DJ2E2DM	\$413	DS-3FPO	1.15	15.4	35	84.0	6.0/5.9/3	16
	1800	575	145JM	DJ2E2GM	\$413	DS-3FPO	1.15	15.4	35	84.0	2.4	
3	3600	208-230/460	145JM	DJ3E1DM	\$471	DS-3FPO	1.15	15.4	40	84.0	8.3-7.5/3.7	16
	1800	208-230/460	182JM	DJ3E2DM	\$486	DS-3FPO	1.15	17.4	50	86.5	8.6-8.4/4.2	16
	1800	575	182JM	DJ3E2GM	\$486	DS-3FPO	1.15	17.4	50	86.5	3.4	
5	3600	208-230/460	182JM	DJ5E1DM	\$615	DS-3FPO	1.15	17.4	64	85.5	14.0-12.7/6.4	16
	3600	575	182JM	DJ5E1GM	\$615	DS-3FPO	1.15	17.4	70	85.5	5.1	
	1800	208-230/460	184JM	DJ5E2DM	\$570	DS-3FPO	1.15	17.4	75	87.5	14.0-12.7/6.4	16
	1800	575	184JM	DJ5E2GM	\$570	DS-3FPO	1.15	17.4	75	87.5	5.1	
7-1/2	3600	208-230/460	184JM	DJ7E1DM	\$662	DS-3FPO	1.15	17.4	85	87.5	20.4-18.1/9.1	16
	3600	575	184JM	DJ7E1GM	\$662	DS-3FPO	1.15	17.4	85	88.5	7.2	
	1800	208-230/460	213JM	DJ7E2DM	\$756	DS-3FPO	1.15	17.8	113	88.5	21-19.2/9.6	16
	1800	575	213JM	DJ7E2GM	\$756	DS-3FPO	1.15	17.8	100	88.5	7.6	
10	3600	208-230/460	213JM	DJ10E1DM	\$922	DS-3FPO	1.15	17.8	110	88.5	27.5-25.3/12.6	16
	3600	575	213JM	DJ10E1GM	\$922	DS-3FPO	1.15	17.8	110	88.5	10.2	
	1800	208-230/460	215JM	DJ10E2DM	\$888	DS-3FPO	1.15	19.3	100	89.5	27.2-24.6/12.3	16
15	3600	208-230/460	215JM	DJ15E1DM	\$1,083	DS-3FPO	1.15	19.3	140	89.5	41-36/18.1	16
	1800	208-230/460	254JM	DJ15E2DM	\$1,176	DS-3FPO	1.15	24.6	160	91.0	41-38/19.0	16
	1800	575	254JM	DJ15E2GM	\$1,176	DS-3FPO	1.15	24.6	160	91.0	15.1	
20	3600	208-230/460	254JM	DJ20E1DM	\$1,381	DS-3FPO	1.15	24.6	170	90.2	54-47/23.6	16
	3600	575	254JM	DJ20E1GM	\$1,381	DS-3FPO	1.15	24.6	170	90.2	18.9	
	1800	208-230/460	256JM	DJ20E2DM	\$1,353	DS-3FPO	1.15	25.2	195	91.0	55-50/24.8	16
25	3600	208-230/460	256JM	DJ25E1DM	\$1,795	DS-3FPO	1.15	25.2	200	91.0	66-58/29	16
	1800	208-230/460	284JM	DJ25E2DM	\$2,062	DS-3FPO	1.15	25.8	210	92.4	66-60/30	16
	1800	575	284JM	DJ25E2GM	\$2,062	DS-3FPO	1.15	25.8	210	91.7	24.4	

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz;  
Full 60 & 50 Hz data on Nameplate

Note 04 On 60 Hertz Sine Wave power

Note 16 Motors marked 208-230/460 volts may not meet all NEMA (MG-1) performance standards when operated at 208 volts

Note 17 Twelve leads for across-the-line or wye-delta start on either voltage, part winding start on lower voltage

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30	3600	208-230/460	284JM	DJ30E1DM	\$2,737	DS-3FPO	1.15	25.8	230	91.0	80-70/35	16
	3600	575	284JM	DJ30E1GM	\$2,737	DS-3FPO	1.15	25.8	230	91.0	27.9	
	1800	208-230/460	286JM	DJ30E2DM	\$2,372	DS-3FPO	1.15	25.8	280	92.4	78-71/35	16
	1800	575	286JM	DJ30E2GM	\$2,372	DS-3FPO	1.15	25.8	280	92.4	28.4	
40	3600	208-230/460	286JM	DJ40E1DM	\$3,010	DS-3FPO	1.15	25.8	320	91.7	103-90/45	16
	3600	575	286JM	DJ40E1GM	\$3,010	DS-3FPO	1.15	25.8	320	91.7	36.0	
	1800	230/460	324JM	DJ40E2EM	\$3,083	DS-3FPO	1.15	27.5	395	93.0	92/46	
50	3600	230/460	324JM	DJ50E1EM	\$4,139	DS-3FPO	1.15	27.5	400	92.4	58	
	1800	230/460	326JM	DJ50E2EM	\$3,546	DS-3FPO	1.15	27.5	450	93.0	114/57	17
	1800	575	326JM	DJ50E2GM	\$3,546	DS-3FPO	1.15	27.5	450	93.6	46	
60	3600	230/460	326JM	DJ60E1EM	\$4,760	DS-3FPO	1.15	27.5	460	93.0	136/68	17

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