

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



FD1

## 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 140-320
- 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
- Full 50 & 60 Hertz Operating Data On Nameplate (3)
- Conversion Kits: Canopy Kits

## JP 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	143JP	DJ1E2DP	\$390	DS-3FPO	1.15	18.5	30	82.5	3.1-3.0/1.5	16
1-1/2	3600	208-230/460	143JP	DJ32E1DP	\$421	DS-3FPO	1.15	18.5	30	82.5	4.3-4/2	16
	1800	208-230/460	145JP	DJ32E2DP	\$401	DS-3FPO	1.15	18.5	35	84.0	4.5-4.4/2.2	16
2	3600	208-230/460	145JP	DJ2E1DP	\$449	DS-3FPO	1.15	18.5	35	84.0	5.6-5.1/2.5	16
	1800	208-230/460	145JP	DJ2E2DP	\$413	DS-3FPO	1.15	18.5	35	84.0	6.0/5.9/3	16
3	3600	208-230/460	145JP	DJ3E1DP	\$471	DS-3FPO	1.15	18.5	40	84.0	8.3-7.5/3.7	16
	1800	208-230/460	182JP	DJ3E2DP	\$486	DS-3FPO	1.15	20.5	50	86.5	8.6-8.4/4.2	16
5	3600	208-230/460	182JP	DJ5E1DP	\$615	DS-3FPO	1.15	20.5	70	85.5	14.0-12.7/6.4	16
	1800	208-230/460	184JP	DJ5E2DP	\$570	DS-3FPO	1.15	20.5	75	87.5	14.0-12.7/6.4	16
7-1/2	3600	208-230/460	184JP	DJ7E1DP	\$662	DS-3FPO	1.15	20.5	75	87.5	20.4-18.1/9.1	16
	1800	208-230/460	213JP	DJ7E2DP	\$756	DS-3FPO	1.15	21.6	106	88.5	21-19.2/9.6	16
	1800	575	213JP	DJ7E2GP	\$756	DS-3FPO	1.15	21.6	100	88.5	7.6	
10	3600	208-230/460	213JP	DJ10E1DP	\$922	DS-3FPO	1.00	21.6	110	88.5	27.5-25.3/12.6	16
	1800	208-230/460	215JP	DJ10E2DP	\$888	DS-3FPO	1.15	23.1	100	89.5	27.2-24.6/12.3	16
15	3600	208-230/460	215JP	DJ15E1DP	\$1,083	DS-3FPO	1.15	23.1	140	89.5	41-36/18.1	16
	1800	208-230/460	254JP	<b>DJ15E2DP</b>	\$1,176	DS-3FPO	1.15	27.4	140	91.0	40-38/19	16
20	3600	208-230/460	254JP	DJ20E1DP	\$1,381	DS-3FPO	1.15	27.4	195	90.2	54-47/23.6	16
	3600	575	254JP	DJ20E1GP	\$1,381	DS-3FPO	1.15	27.4	195	90.2	18.9	
	1800	208-230/460	256JP	DJ20E2DP	\$1,353	DS-3FPO	1.15	28.1	195	91.0	55-50/24.8	16
	1800	208-230/460	256JP	DJ20E2GP	\$1,353	DS-3FPO	1.15	28.1	195	91.0	55-50/24.8	16
25	3600	208-230/460	256JP	DJ25E1DP	\$1,795	DS-3FPO	1.15	28.1	210	91.0	66-58/29	16
	1800	208-230/460	284JP	DJ25E2DP	\$2,062	DS-3FPO	1.15	28.6	210	92.4	66-60/30	16
	1800	575	284JP	DJ25E2GP	\$2,062	DS-3FPO	1.15	28.6	210	91.7	24.4	
30	3600	208-230/460	284JP	DJ30E1DP	\$2,737	DS-3FPO	1.15	28.6	230	91.0	80-70/35	16
	3600	575	284JP	DJ30E1GP	\$2,737	DS-3FPO	1.15	28.6	230	91.0	27.9	
	1800	208-230/460	286JP	DJ30E2DP	\$2,372	DS-3FPO	1.15	28.6	230	92.4	78-71/35	16
	1800	575	286JP	DJ30E2GP	\$2,372	DS-3FPO	1.15	28.6	230	92.4	28.4	
40	3600	208-230/460	286JP	<b>DJ40E1DP</b>	\$3,010	DS-3FPO	1.15	28.6	300	91.7	103-90/45	16
	3600	575	286JP	DJ40E1GP	\$3,010	DS-3FPO	1.15	28.6	320	91.7	36.0	
	1800	208-230/460	324JP	DJ40E2DP	\$3,083	DS-3FPO	1.15	30.4	412	93.6	102-91/46	17
50	3600	230/460	324JP	<b>DJ50E1EP</b>	\$4,139	DS-3FPO	1.15	30.4	420	92.4	58	17
	1800	230/460	326JP	DJ50E2EP	\$3,546	DS-3FPO	1.15	30.4	427	93.6	114/57	17
60	3600	230/460	326JP	DJ60E1EP	\$4,760	DS-3FPO	1.15	30.4	460	93.0	136/68	17

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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