

# Pump



# Pump

ABB's Baldor-Reliance pump motors are reliable, durable and efficient, ideal for various environments from clean indoor settings to demanding industrial operations. They deliver consistent performance in water, wastewater and industrial fluid systems, with variable speed capabilities for improved control and efficiency, reducing operational costs for commercial and industrial applications.



Fire pump, three phase



Jet Pump, single phase



Jet Pump, three phase



Square flange pump, single phase



Square flange pump, three phase



Close-coupled pump, single phase



Close-coupled pump, three phase



IEEE 841XL, Vertical P-Base, solid shaft pump



Vertical P-Base, solid shaft pump



SAE hydraulic pump



Submersible motors



Submersible motor lead cable assemblies

Product Line		Fire Pump	Jet Pump and Close-Coupled	Vertical P-Base	Submersible
NEMA frame	Frame size range for stock products	210 - 440T	56 - 320T	180 - 360T	180 - 360T
Hp	Horsepower NEMA	10 - 300	1/3 - 50	3 - 75	1 - 100
Volts 60 Hz	Single phase 115/208-230 or 115/230	-	S	-	S
	Three phase 200 volts	-	A	A	-
	Three phase 200/400 volts	S	A	A	-
	Three phase 230/460 volts	S	S	S	-
	Three phase 460 volts	S	A	S	S
	Three phase 575 volts	S	S	A	-
	Three phase 230 volts	-	A	A	S
Speed	Speed (60 Hz)	3600 or 1800 RPM	3600 or 1800 RPM	3600 or 1800 RPM	1800 or 1200 RPM
Electrical features					
Efficiency	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada & Mexico regulations	S	S	S	S
Torque	NEMA Design B torques	S	S	S	S
Service factor	1.15 service factor – continuous (most ratings)	S	S	S	S
temp. rise	Class F insulation with Class B rise @ 1.0 service factor	S	S	S	S
Inverter ready	Super E® – meets NEMA MG1 Part 31.4.4.2	-	S	S	S
	12 lead wye delta connection	-	-	S	S
Mechanical features					
IP code	IP23 ingress protection	S	S	-	-
	IP44 ingress protection	-	S	-	-
	IP54 ingress protection	-	A	-	-
	IP55 ingress protection	-	S	S	-
	IP56 ingress protection	-	S	S (841XL)	-
	IP68 ingress protection	-	-	-	S
	IP69 ingress protection	-	S	-	-
Enclosure	Enclosure type	ODP	ODP or TEFC	TEFC	TENV
Frame	Heavy gauge steel frame	S	S	-	-
	Cast iron frame	S	S	S	S
	Lifting provisions positioned for easy handling in the application (motors over 70 Lbs)	S	S	S	S
Explosion proof	UL Listed for use in hazardous locations	-	S	-	S
Bearings	High performance ball bearings designs	S	S	S	S
Lubrication	Super-premium Mobil Polyrex™ EM series grease	S	S	S	S
Conduit box	Color coded and numbered leads for ease of connectivity	S	S	S	-
	Epoxy encapsulated lead connections	-	-	-	S
	Gasketed cast aluminum	-	S	S	-
	Gasketed cast iron frame	-	S	S	-
	25 feet of cable	-	-	-	S
Nameplate	Laser etched nameplate with highly legible font	S	S	S	S
Other key features					
Warranty	Warranty # months (NEMA Premium® Super-E®)	-	36	36	60
	Warranty # months	12	18	(841XL) 60	-

S = Standard A = Available through Mod Express® or as custom

## Fire pump, three phase

### 10 thru 300 Hp

#### Features

- 1.15 SF, 40°C ambient continuous
- NEMA Design B, 60 Hz
- 230/460 and 460 Volt models rated for 50 Hz at next lower Hp
- Dual voltage motors 20 Hp and larger have 12 leads, are suitable for wye-delta or across the line start on either voltage or part winding start on low voltage
- 460V motors have 12 leads and are suitable for wye-delta, across the line or part winding start
- UL file E481231
- Exterior red paint RAL3002

#### Applications

- UL listed Fire Pump motors installed per NFPA-20

**IP23**

#### Fire Pump, three phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200/400 volt											
25	3600	256T	FPM2516T-2/4	3,515	PF3	21.69	206	91.0	200/400	34.0	1, 33
	1800	284TS	FPM2531TS-2/4	3,906	PF3	23.56	305	92.4	200/400	34.0	1, 33
30	3600	284TS	FPM2534T-2/4	4,058	PF3	22.06	224	91.0	200/400	40.0	1, 33
	1800	286TS	FPM2535TS-2/4	4,848	PF3	23.69	375	92.4	200/400	41.0	1, 33
40	3600	286TS	FPM2538T-2/4	5,156	PF3	23.56	254	91.7	200/400	52.0	1, 33
	1800	324TS	FPM2539TS-2/4	5,389	PF3	24.69	380	93.0	200/400	56.0	1, 33
50	3600	324TS	FPM2542T-2/4	5,880	PF3	24.69	340	92.4	200/400	67.0	1, 33
	1800	326TS	FPM2543TS-2/4	5,952	PF3	25.69	356	93.0	200/400	70.0	1, 33
60	3600	326TS	FPM2546T-2/4	7,170	PF3	25.69	390	93.0	200/400	78.0	1, 33
	1800	364TS	FPM2547TS-2/4	7,629	PF3	27.94	480	93.6	200/400	83.0	1, 33
75	3600	364TS	FPM2549T-2/4	9,778	PF3	27.94	485	93.0	200/400	96.0	1, 33
	1800	365TS	FPM2551TS-2/4	8,582	PF3	29.94	570	94.1	200/400	1.0	1, 33
100	3600	365TS	FPM2550T-2/4	10,612	PF3	28.94	571	93.0	200/400	130.0	1, 33
	1800	404TS	FPM2555TS-2/4	12,889	PF3	38.47	597	94.1	200/400	135.0	1, 33
230/460 volt											
10	3600	213T	FPM3312T	2,027	PF3	16.32	121	88.5	230/460	11.0	1
	1800	215T	FPM3313T	2,281	PF3	17.45	130	89.5	230/460	11.7	1
15	3600	215T	FPM3314T	2,637	PF3	16.32	131	89.5	230/460	14.5	1
	1800	254T	FPM2513T	3,016	PF3	21.69	205	91.0	230/460	14.6	1
20	3600	254T	FPM2514T	3,144	PF3	22.25	145	90.2	230/460	21.0	1

Cast iron frame

**Fire Pump, three phase, ODP, foot mounted**

Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
<b>230/460 volt</b>											
20	1800	256T	<b>FPM2515T</b>	3,239	PF3	21.69	210	91.0	230/460	22.0	1
25	3600	256T	<b>FPM2516T</b>	3,515	PF3	21.69	210	91.0	230/460	28.0	1
	1800	284TS	<b>FPM2531TS</b>	3,906	PF3	23.56	275	92.4	230/460	29.0	1
30	3600	284TS	<b>FPM2534T</b>	4,058	PF3	22.06	226	91.0	230/460	35.0	1
	1800	286TS	<b>FPM2535TS</b>	4,848	PF3	23.69	334	92.4	230/460	36.0	1
40	3600	286TS	<b>FPM2538T</b>	5,156	PF3	23.56	282	91.7	230/460	42.0	1
	1800	324TS	<b>FPM2539TS</b>	5,389	PF3	24.69	400	93.0	230/460	45.0	1
50	3600	324TS	<b>FPM2542T</b>	5,880	PF3	24.69	331	92.4	230/460	56.0	1
	1800	326TS	<b>FPM2543TS</b>	5,952	PF3	25.69	385	93.0	230/460	58.0	1
60	3600	326TS	<b>FPM2546T</b>	7,170	PF3	25.69	390	93.0	230/460	68.0	1
	1800	364TS	<b>FPM2547TS</b>	7,629	PF3	25.81	475	93.6	230/460	72.0	1
75	3600	364TS	<b>FPM2549T</b>	9,778	PF3	27.94	485	93.0	230/460	82.0	1
	1800	365TS	<b>FPM2551TS</b>	8,582	PF3	29.94	570	94.1	230/460	84.0	1
100	3600	365TS	<b>FPM2550T</b>	10,612	PF3	28.94	533	93.0	230/460	103.0	1
	1800	404TS	<b>FPM2555TS</b>	12,889	PF3	31.84	597	94.1	230/460	107.0	1
<b>460 volt</b>											
125	3600	404TS	<b>FPM2554T-4</b>	14,772	PF3	31.84	632	93.6	460	135.0	1
	1800	405TS	<b>FPM2559TS-4</b>	15,207	PF3	33.59	595	94.5	460	141.0	1
150	3600	405TS	<b>FPM2556T-4</b>	18,137	PF3	31.84	814	93.6	460	165.0	1
	1800	444TS	<b>FPM2558TS-4</b>	17,723	PF3	35.88	1579	95.0	460	167.0	1
200	3600	444TS	<b>FPM2562T-4</b>	23,264	PF3	35.88	1449	94.5	460	212.0	1
	1800	445TS	<b>FPM2563TS-4</b>	21,801	PF3	35.88	1718	95.0	460	205.0	1
250	3600	445TS	<b>FPM2565T-4</b>	24,492	PF3	35.88	1737	94.5	460	279.0	1
	1800	445TS	<b>FPM2566TS-4</b>	24,812	PF3	35.88	1844	95.4	460	265.0	1
300	3600	445TS	<b>FPM2568T-4</b>	36,334	PF3	35.88	1549	95.0	460	339.0	1
<b>575 volt</b>											
20	3600	254T	<b>FPM2514T-5</b>	3,144	PF3	22.25	145	90.2	575	18.5	
	1800	256T	<b>FPM2515T-5</b>	3,239	PF3	21.69	231	91.0	575	19.6	
25	3600	256T	<b>FPM2516T-5</b>	3,515	PF3	21.69	223	91.0	575	23.0	
	1800	284TS	<b>FPM2531TS-5</b>	3,906	PF3	23.56	320	92.4	575	23.0	
30	3600	284TS	<b>FPM2534T-5</b>	4,058	PF3	22.06	240	91.0	575	28.0	
	1800	286TS	<b>FPM2535TS-5</b>	4,848	PF3	23.69	420	92.4	575	29.0	
40	3600	286TS	<b>FPM2538T-5</b>	5,156	PF3	23.56	287	91.7	575	36.0	
	1800	324TS	<b>FPM2539TS-5</b>	5,389	PF3	24.69	3850	93.0	575	39.0	
50	3600	324TS	<b>FPM2542T-5</b>	5,880	PF3	24.69	449	92.4	575	46.0	
	1800	326TS	<b>FPM2543TS-5</b>	5,952	PF3	25.69	452	93.0	575	49.0	
60	3600	326TS	<b>FPM2546T-5</b>	7,170	PF3	25.69	449	93.0	575	54.0	
	1800	364TS	<b>FPM2547TS-5</b>	7,629	PF3	25.81	480	93.6	575	57.0	
75	3600	364TS	<b>FPM2549T-5</b>	9,778	PF3	25.81	486	93.0	575	67.0	
	1800	365TS	<b>FPM2551TS-5</b>	8,582	PF3	27.81	573	94.1	575	69.0	
100	3600	365TS	<b>FPM2550T-5</b>	10,612	PF3	26.81	525	93.0	575	90.0	
	1800	404TS	<b>FPM2555TS-5</b>	12,889	PF3	31.84	648	94.1	575	93.0	

Cast iron frame

TOC INFO SP4 GP SD WD XP PUMP HVAC FARM DP UH BRM VSAC IMD DCPM DCSW GRDS BUFF LATH GBPA ACC DCPA ACPA MDEX INDX NOTE

**Fire Pump, three phase, ODP, footless, close-coupled pump**



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
<b>Packed pump, Type JP</b>											
<b>200/400 volt</b>											
10	3600	213JP	VJPFPM3312T-2/4	2,142	PF3	24.41	121	88.5	200/400	13.8	1, 33
15	3600	215JP	VJPFPM3314T-2/4	2,752	PF3	24.41	131	89.5	200/400	20.4	1, 33
20	3600	254JP	VJPFPM2514T-2/4	3,663	PF3	27.66	145	90.2	200/400	26.5	1, 33
25	3600	256JP	VJPFPM2516T-2/4	4,208	PF3	28.07	209	91.0	200/400	34.0	1, 33
30	3600	284JP	VJPFPM2534T-2/4	4,983	PF3	29.23	277	91.0	200/400	40.0	1, 33
40	3600	286JP	VJPFPM2538T-2/4	5,956	PF3	31.44	311	91.7	200/400	52.0	1, 33
50	3600	324JP	VJPFPM2542T-2/4	7,422	PF3	31.13	456	92.4	200/400	67.0	1, 33
60	3600	326JP	VJPFPM2546T-2/4	8,785	PF3	32.21	385	93.0	200/400	78.0	1, 33
75	3600	364JP	VJPFPM2549T-2/4	11,848	PF3	32.50	472	93.0	200/400	96.0	1, 33
100	3600	365JP	VJPFPM2550T-2/4	12,641	PF3	33.50	523	93.0	200/400	130.0	1, 33
<b>230/460 volt</b>											
10	3600	213JP	VJPFPM3312T	2,142	PF3	24.41	121	88.5	230/460	11.0	1
	1800	215JP	VJPFPM3313T	2,390	PF3	24.41	130	89.5	230/460	11.7	1
15	3600	215JP	VJPFPM3314T	2,752	PF3	24.41	131	89.5	230/460	14.5	1
	1800	254JP	VJPFPM2513T	3,419	PF3	28.07	231	91.0	230/460	14.6	1
20	3600	254JP	VJPFPM2514T	3,663	PF3	27.66	145	90.2	230/460	21.0	1
	1800	256JP	VJPFPM2515T	3,828	PF3	28.07	212	91.0	230/460	22.0	1
25	3600	256JP	VJPFPM2516T	4,208	PF3	28.07	221	91.0	230/460	28.0	1
	1800	284JP	VJPFPM2531T	4,694	PF3	31.44	300	92.4	230/460	29.0	1
30	3600	284JP	VJPFPM2534T	4,983	PF3	29.23	278	91.0	230/460	35.0	1
	1800	286JP	VJPFPM2535T	5,761	PF3	29.25	375	92.4	230/460	36.0	1
40	3600	286JP	VJPFPM2538T	5,956	PF3	31.44	332	91.7	230/460	42.0	1
	1800	324JP	VJPFPM2539T	6,928	PF3	31.13	375	93.0	230/460	49.0	1
50	3600	324JP	VJPFPM2542T	7,422	PF3	31.21	331	92.4	230/460	56.0	1
	1800	326JP	VJPFPM2543T	7,712	PF3	32.21	378	93.0	230/460	58.0	1
60	3600	326JP	VJPFPM2546T	8,785	PF3	32.21	425	93.0	230/460	68.0	1
	1800	364JP	VJPFPM2547T	9,554	PF3	32.50	486	93.6	230/460	72.0	1
75	3600	364JP	VJPFPM2549T	11,848	PF3	32.50	472	93.0	230/460	82.0	1
	1800	365JP	VJPFPM2551T	11,154	PF3	34.50	565	94.1	230/460	84.0	1
100	3600	365JP	VJPFPM2550T	12,641	PF3	33.50	553	93.0	230/460	103.0	1
<b>575 volt</b>											
20	3600	254JP	VJPFPM2514T-5	3,663	PF3	27.66	145	90.2	575	18.5	
	1800	256JP	VJPFPM2515T-5	3,828	PF3	28.07	208	91.0	575	19.6	
25	3600	256JP	VJPFPM2516T-5	4,208	PF3	28.07	219	91.0	575	23.0	
	1800	284JP	VJPFPM2531T-5	4,694	PF3	31.44	322	92.4	575	23.0	
30	3600	284JP	VJPFPM2534T-5	4,983	PF3	29.23	266	91.0	575	28.0	
	1800	286JP	VJPFPM2535T-5	5,761	PF3	29.25	396	92.4	575	29.0	
40	3600	286JP	VJPFPM2538T-5	5,956	PF3	31.44	303	91.7	575	36.0	
	1800	324JP	VJPFPM2539T-5	6,928	PF3	31.13	530	93.0	575	39.0	
50	3600	324JP	VJPFPM2542T-5	7,422	PF3	31.21	396	92.4	575	46.0	
	1800	326JP	VJPFPM2543T-5	7,712	PF3	32.21	396	93.0	575	49.0	

**Fire Pump, three phase, ODP, footless, close-coupled pump**

Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt											
60	3600	326JP	<b>VJPFPM2546T-5</b>	8,785	PF3	32.21	431	93.0	575	54.0	
	1800	364JP	<b>VJPFPM2547T-5</b>	9,554	PF3	32.50	475	93.6	575	57.0	
75	3600	364JP	<b>VJPFPM2549T-5</b>	11,848	PF3	32.50	648	93.0	575	67.0	
	1800	365JP	<b>VJPFPM2551T-5</b>	11,154	PF3	34.50	565	94.1	575	69.0	
100	3600	365JP	<b>VJPFPM2550T-5</b>	12,641	PF3	33.50	523	93.0	575	90.0	

**Jet Pump, single phase  
1/3 thru 2 Hp****Features**

- Automatic thermal overload protection
- Corrosion resistant stainless steel shaft extension
- Slotted opposite DE shaft for easy installation
- Superior switch design provides optimized torque profiles
- Dynamically balanced rotor to reduce noise and increase bearing life

**Applications**

- Agricultural
- General purpose pumps
- Industrial pumps
- Commercial machinery
- Food and beverage
- Swimming pool pumps
- Wastewater

**ODP  
IP23****TEFC  
IP44****Jet Pump, single phase, TEFC, foot mounted**

- All threaded shaft, single phase motors are connected single rotation - CCW when viewing drive end.



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	1800	56J	<b>CJL3501A</b>	749	PJ1	11.84	23	60.0	115/230	3.0	30
1/2	1800	56J	<b>CJL3504A</b>	883	PJ1	12.47	28	68.0	115/230	3.7	30
3/4	1800	56J	<b>CJL3507A</b>	1,075	PJ1	12.97	35	74.0	115/230	4.1	30
1	3600	56J	<b>CJL3509A</b>	1,088	PJ1	13.72	39	66.0	115/230	6.0	30
1 1/2	3600	56J	<b>CJL3513A</b>	1,195	PJ1	13.72	47	70.0	115/230	8.3	30
2	3600	56J	<b>CJL3515A</b>	1,405	PJ1	14.60	51	74.0	115/230	11.5	30



**Jet Pump, single phase, TEFC, footless**

- All threaded shaft, single phase motors are connected single rotation - CCW when viewing drive end.



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	3600	56J	<b>JL3405A</b>	555	PJ1	11.85	19	60.0	115/230	3.0	30
	1800	56J	<b>JL3501A</b>	693	PJ1	11.85	22	60.0	115/230	3.0	30
1/2	3600	56J	<b>JL3503A</b>	636	PJ1	12.85	26	62.0	115/208-230	3.7	30
	1800	56J	<b>JL3504A</b>	805	PJ1	12.85	27	68.0	115/230	3.7	30
3/4	3600	56J	<b>JL3506A</b>	757	PJ1	12.85	29	66.0	115/230	5.4	30
	1800	56J	<b>JL3507A</b>	955	PJ1	12.97	33	74.0	115/230	4.1	30
1	3600	56J	<b>JL3509A</b>	925	PJ1	13.74	42	66.0	115/230	6.0	30
	1800	56J	<b>JL3510A</b>	1,097	PJ1	13.72	40	67.0	115/230	6.2	30
1 1/2	3600	56J	<b>JL3513A</b>	1,097	PJ1	13.74	45	70.0	115/230	8.3	30
	1800	56J	<b>JL3514A</b>	1,202	PJ1	14.30	51	75.5	115/230	8.0	30
2	3600	56J	<b>JL3515A</b>	1,288	PJ1	14.62	54	74.0	115/230	11.5	30
	1800	56J	<b>JL3516A</b>	1,368	PJ1	14.60	52	78.0	115/230	8.6	20, 30

**Jet Pump, single phase, ODP, foot mounted**

- All threaded shaft, single phase motors are connected single rotation - CCW when viewing drive end.



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	3600	56J	<b>CJL1205A</b>	547	PJ1	11.91	23	58.0	115/230	3.1	
	1800	56J	<b>CJL1301A</b>	818	PJ1	11.89	23	60.0	115/208-230	3.0	30
1/2	3600	56J	<b>CJL1303A</b>	566	PJ1	12.51	30	66.0	115/230	3.7	
	1800	56J	<b>CJL1304A</b>	925	PJ1	12.14	25	62.0	115/230	4.2	30
3/4	3600	56J	<b>CJL1306A</b>	723	PJ1	13.39	30	69.0	115/230	5.5	
	1800	56J	<b>CJL1307A</b>	1,060	PJ1	12.23	35	63.0	115/230	5.4	
1	3600	56J	<b>CJL1309A</b>	741	PJ1	13.89	32	65.0	115/208-230	7.0	30
1 1/2	3600	56J	<b>CJL1313A</b>	1,028	PJ1	13.89	37	78.5	115/230	6.5	
2	3600	56J	<b>CJL1317A</b>	1,375	PJ1	13.25	45	70.0	115/230	13.0	30



**Jet Pump, single phase, ODP, footless**

- All threaded shaft, single phase motors are connected single rotation - CCW when viewing drive end.



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	3600	56J	JL1205A	479	PJ1	11.89	25	58.0	115/230	3.1	
	1800	56J	JL1301A	552	PJ1	11.89	23	60.0	115/230	3.0	30
1/2	3600	56J	JL1303A	538	PJ1	12.51	26	66.0	115/230	3.7	
	1800	56J	JL1304A	649	PJ1	12.14	25	62.0	115/230	4.2	30
3/4	3600	56J	JL1306A	708	PJ1	13.39	33	69.0	115/230	5.5	
	1800	56J	JL1307A	818	PJ1	13.89	33	68.0	115/230	5.1	30
1	3600	56J	JL1309A	734	PJ1	13.89	32	65.0	115/230	7.0	30
1 1/2	3600	56J	JL1313A	1,024	PJ1	13.89	36	78.5	115/230	6.5	
2	3600	56J	JL1317A	1,263	PJ1	13.23	45	70.0	115/230	13.0	30
230 volt											
3	3600	56J	JL1323A	1,296	PJ1	14.11	52	82.5	230	13.0	30

**Explosion Proof, General Purpose, Jet pump, single phase**

Motors not suitable for inverter use.  
NEMA 56J jet pump mounting, auto-thermal overload thru 1Hp



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt													
1/2	3600	56J	JXL050522A	Ⓢ	T3C	1,405	XPP	14.78	37	55.0	115/230	3.9	2, 38
3/4	3600	56J	JXL050722A	Ⓢ	T4	1,523	XPP	15.66	40	66.0	115/230	4.6	19
1	3600	56J	JXL05122A	Ⓢ	T4	1,619	XPP	15.66	50	66.0	115/230	6.0	19
1 1/2	3600	56J	JXL051522	Ⓢ	T3C	2,198	XPP	16.56	54	70.0	115/208-230	8.0	2, 38
2	3600	56J	JXL05222	Ⓢ	T3C	2,640	XPP	17.94	67	75.5	115/208-230	10.5	19

Ⓢ = Class I, Group D, Class II, Group F & G

## Jet Pump, three phase

### 1/3 thru 3 Hp

#### Features

- Corrosion resistant stainless steel shaft extension
- Slotted opposite DE shaft for easy installation
- Dynamically balanced rotor to reduce noise and increase bearing life
- Optimized airflow design providing higher horsepower in a smaller package (ODP)

#### Applications

- Agricultural
- General purpose pumps
- Industrial pumps
- Commercial machinery
- Food and beverage
- Swimming pool pumps
- Wastewater

**ODP**  
**IP23**

**TEFC**  
**IP44**

### Jet Pump, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	1800	56J	<b>CJM3538</b>	782	PJ3	11.84	23	75.5	230/460	0.8	30
3/4	1800	56J	<b>CJM3542</b>	828	PJ3	11.84	25	75.5	208-230/460	1.5	

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**Jet Pump, three phase, TEFC, footless**


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Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
<b>230/460 volt</b>											
1/3	3600	56J	<b>JM3457</b>	578	PJ3	11.84	19	62.0	230/460	0.8	30
	1800	56J	<b>JM3458</b>	626	PJ3	11.84	21	68.0	230/460	0.7	30
1/2	3600	56J	<b>JM3460</b>	626	PJ3	11.84	21	70.0	230/460	1.2	30
	1800	56J	<b>JM3461</b>	738	PJ3	11.84	23	75.5	230/460	0.8	30
3/4	3600	56J	<b>JM3463</b>	685	PJ3	11.84	23	74.0	230/460	1.5	
	1800	56J	<b>JM3542</b>	797	PJ3	11.84	26	75.5	230/460	1.5	
1	3600	56J	<b>EJM3545</b>	1,072	PJ3	12.47	27	77.0	208-230/460	1.6	30
	1800	56J	<b>EJM3546</b>	1,232	PJ3	13.74	37	85.5	230/460	1.7	30
1 1/2	3600	56J	<b>EJM3550</b>	1,212	PJ3	12.72	38	84.0	208-230/460	1.9	30
	1800	56J	<b>EJM3554</b>	1,367	PJ3	13.74	41	86.5	230/460	2.3	1, 30
2	3600	56J	<b>EJM3555</b>	1,326	PJ3	13.74	41	85.5	208-230/460	2.5	30
	1800	56J	<b>EJM3558</b>	1,444	PJ3	13.72	48	86.5	230/460	2.8	1, 30
3	3600	56J	<b>EJM3559</b>	1,451	PJ3	14.62	50	86.5	230/460	3.6	1, 30
<b>575 volt</b>											
1/2	3600	56J	<b>JM3460-5</b>	626	PJ3	11.84	21	68.0	575	1.0	
3/4	3600	56J	<b>JM3463-5</b>	685	PJ3	11.84	23	74.0	575	1.2	
1	3600	56J	<b>EJM3545-5</b>	1,072	PJ3	12.47	27	77.0	575	1.2	
2	3600	56J	<b>EJM3555-5</b>	1,326	PJ3	13.74	41	85.5	575	2.0	
3	3600	56J	<b>EJM3559-5</b>	1,451	PJ3	14.62	50	86.5	575	2.9	

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**Jet Pump, three phase, ODP, foot mounted**


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Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	1800	56J	<b>CJM3104</b>	631	PJ3	11.85	22	68.0	230/460	0.7	30
1/2	3600	56J	<b>CJM3107</b>	578	PJ3	11.72	22	70.0	230/460	1.2	30
	1800	56J	<b>CJM3108</b>	705	PJ3	11.72	24	75.5	230/460	0.8	30
3/4	3600	56J	<b>CJM3111</b>	660	PJ3	11.72	28	74.0	208-230/460	1.5	
	1800	56J	<b>CJM3112</b>	756	PJ3	12.34	27	75.5	208-230/460	1.5	
1	3600	56J	<b>CJM3115</b>	738	PJ3	12.34	29	77.0	230/460	1.6	30
1 1/2	3600	56J	<b>CJM3120</b>	899	PJ3	13.22	31	81.5	230/460	2.0	30
2	3600	56J	<b>CJM3155</b>	1,069	PJ3	13.72	34	82.5	230/460	2.7	30
3	3600	56J	<b>CJM3158</b>	1,265	PJ3	13.72	41	80.0	208-230/460	4.0	

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**Jet Pump, three phase, ODP, footless**


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Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	3600	56J	<b>JM3006</b>	527	PJ3	11.72	19	62.0	230/460	0.8	30
1/2	3600	56J	<b>JM3107</b>	557	PJ3	11.72	21	70.0	230/460	1.2	30
	1800	56J	<b>JM3108</b>	665	PJ3	11.85	23	75.5	230/460	0.8	30
3/4	3600	56J	<b>JM3111</b>	660	PJ3	11.72	23	74.0	208-230/460	1.5	
	1800	56J	<b>JM3112</b>	734	PJ3	12.34	27	75.5	208-230/460	1.5	
1	3600	56J	<b>JM3115</b>	734	PJ3	12.34	32	77.0	230/460	1.6	30
	1800	56J	<b>JM3116</b>	805	PJ3	13.22	30	78.5	208-230/460	1.7	1
1 1/2	3600	56J	<b>JM3120</b>	876	PJ3	13.22	30	74.0	230/460	2.2	30
	1800	56J	<b>JM3154</b>	958	PJ3	13.72	34	77.0	208-230/460	2.8	
2	3600	56J	<b>JM3155</b>	1,041	PJ3	13.72	35	82.5	230/460	2.7	30
3	3600	56J	<b>JM3158</b>	1,235	PJ3	13.72	42	80.0	208-230/460	4.0	

### White Washdown Jet Pump, three phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3/4	3600	56J	TEFC	<b>CJWDM3463</b>	1,105	WDW	12.72	33	68.0	208-230/460	1.4	1, 30
1	3600	56J	TEFC	<b>CJEWDM3545</b>	1,741	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	TEFC	<b>CJEWDM3550</b>	1,839	WDW	13.72	41	84.0	208-230/460	2.0	1, 30
2	3600	56J	TEFC	<b>CJEWDM3555</b>	2,040	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	TEFC	<b>CJEWDM3559</b>	2,417	WDW	15.97	64	87.5	208-230/460	3.5	1, 30

### White Washdown Jet Pump, three phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3/4	3600	56J	TEFC	<b>JWDM3463</b>	1,097	WDW	12.72	33	68.0	208-230/460	1.4	1, 30
1	3600	56J	TEFC	<b>JEWDM3545</b>	1,732	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	TEFC	<b>JEWDM3550</b>	1,829	WDW	13.72	41	84.0	208-230/460	2.0	1, 30
2	3600	56J	TEFC	<b>JEWDM3555</b>	2,032	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	TEFC	<b>JEWDM3559</b>	2,409	WDW	15.97	64	87.5	208-230/460	3.5	1, 30

**Explosion Proof, General Purpose, Jet pump, three phase**

NEMA 56J jet pump mounting  
Steel band frame, cast iron endplates



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1	3600	56J	<b>JXM05122</b>	Ⓢ	T3C	2,529	XPP	14.79	41	82.5	230/460	1.3	19
1 1/2	3600	56J	<b>JXM051522</b>	Ⓢ	T3C	2,656	XPP	14.79	47	84.0	230/460	1.7	19
2	3600	56J	<b>JXM05222</b>	Ⓢ	T3C	3,048	XPP	15.67	55	85.5	230/460	2.3	19

Ⓢ = Class I, Group D, Class II, Group F & G

## Square flange pump, single phase

### 1/2 thru 2 Hp

**Features**

- Corrosion resistant stainless steel shaft extension
- Dynamically balanced rotor to reduce noise and increase bearing life
- Heavy gauge steel design
- Safeguard drip cover

**Applications**

- Square flange pumps
- Swimming pool pumps
- General purpose pumps
- Commercial machinery
- Food and beverage
- Wastewater
- Agricultural

**IP23****Square flange pump, single phase, ODP**

Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/2	3600	56Y	<b>JSL325A</b>	619	PJ1	11.35	24	70.0	115/230	3.3	30
3/4	3600	56Y	<b>JSL425A</b>	657	PJ1	11.97	26	62.0	115/230	5.2	30
1	3600	56Y	<b>JSL525A</b>	701	PJ1	12.72	30	70.0	115/230	6.3	30
1 1/2	3600	56YZ	<b>JSL625A</b>	955	PJ1	13.43	42	72.0	115/230	9.0	30
2	3600	56YZ	<b>JSL725A</b>	958	PJ1	14.81	47	74.0	115/230	11.0	30

## Square flange pump, three phase 1/2 thru 2 Hp

### Features

- Corrosion resistant stainless steel shaft extension
- Dynamically balanced rotor to reduce noise and increase bearing life
- Heavy gauge steel design
- Safeguard drip cover

### Applications

- Square flange pumps
- Swimming pool pumps
- General purpose pumps
- Commercial machinery
- Food and beverage
- Wastewater
- Agricultural

IP23

### Square flange pump, three phase, ODP



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	3600	56YZ	JSM3107	557	PJ3	11.40	21	70.0	230/460	1.2	30
3/4	3600	56YZ	JSM3111	659	PJ3	11.40	24	74.0	208-230/460	1.5	
1	3600	56YZ	JSM3115	729	PJ3	12.02	27	77.0	230/460	1.6	30
1 1/2	3600	56YZ	JSM3120	869	PJ3	12.77	31	81.5	230/460	2.0	30
2	3600	56YZ	JSM3155	1,029	PJ3	13.40	35	82.5	230/460	2.7	30



## Close-coupled pump, single phase

### 3 thru 10 Hp

#### Features

- Oversize ball bearings for the pump industry
- Locked DE bearing to allow mounting in any configuration
- Dynamically balanced rotor to reduce noise and increase bearing life
- Superior switch design provides optimized torque profiles

#### Applications

- Cement
- Food and beverage
- Industrial pumps
- Wastewater
- Agricultural
- General purpose pumps
- Aggregate

ODP  
IP23

TEFC  
IP44

### Close-coupled pump, single phase, TEFC



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
115/230 volt and 230 volt											
3	3600	182JM	<b>JML3606T</b>	1,833	PC1	18.06	79	76.0	115/230	14.5	1, 30
5	3600	184JM	<b>JML3608T</b>	2,442	PC1	19.55	93	83.0	230	19.5	2, 20

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**Close-coupled pump, single phase, ODP**


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Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
<b>Mechanical seal, Type JM</b>											
<b>115/230 volt and 230 volt</b>											
3	3600	182JM	<b>JML1406T</b>	1,749	PC1	16.50	69	78.0	115/208-230	14.0	
	1800	184JM	<b>JML1408T</b>	2,004	PC1	16.50	80	78.0	115/230	16.0	30
5	3600	184JM	<b>JML1409T</b>	2,468	PC1	16.50	81	80.0	230	21.0	1, 30
	1800	213JM	<b>JML1508T</b>	2,844	PC1	18.19	115	77.0	230	27.0	
7 1/2	3600	213JM	<b>JML1509T</b>	3,540	PC1	18.19	116	81.0	230	37.0	30
	1800	215JM	<b>JML1510T</b>	3,745	PC1	19.31	142	85.5	230	33.0	30
10	3600	215JM	<b>JML1511T</b>	4,354	PC1	19.31	141	83.0	230	46.0	20, 30
	1800	215JM	<b>JML1512T</b>	4,635	PC1	20.95	150	84.0	230	41.0	20, 30
<b>Packed pump, Type JP</b>											
<b>115/230 volt and 230 volt</b>											
3	3600	182JP	<b>JPL1406T</b>	1,749	PC1	19.56	76	78.0	115/230	14.0	30
	1800	184JP	<b>JPL1408T</b>	2,004	PC1	19.56	87	78.0	115/230	16.0	30
5	3600	184JP	<b>JPL1409T</b>	2,468	PC1	19.56	88	80.0	230	21.5	1, 30
	1800	213JP	<b>JPL1508T</b>	2,844	PC1	22.07	117	77.0	230	27.0	
7 1/2	3600	213JP	<b>JPL1509T</b>	3,540	PC1	22.07	121	81.0	230	37.0	30
	1800	215JP	<b>JPL1510T</b>	3,745	PC1	23.19	143	85.5	230	33.0	30
10	3600	215JP	<b>JPL1511T</b>	4,354	PC1	23.19	148	83.0	230	46.0	20, 30
	1800	215JP	<b>JPL1512T</b>	4,635	PC1	20.95	142	84.0	230	41.0	20, 30
<b>West coast fit, Type TCZ</b>											
<b>115/230 volt and 230 volt</b>											
3	3600	182TCZ	<b>WCL1406T</b>	1,760	PC1	19.69	81	78.0	115/230	14.0	30
	1800	184TCZ	<b>WCL1408T</b>	2,019	PC1	19.69	91	78.0	115/230	16.0	30
5	3600	184TCZ	<b>WCL1409T</b>	2,491	PC1	19.69	91	75.0	230	23.0	1, 30
	1800	213TCZ	<b>WCL1508T</b>	2,868	PC1	21.25	116	77.0	230	27.0	
7 1/2	3600	213TCZ	<b>WCL1509T</b>	3,563	PC1	21.25	117	81.0	230	37.0	30
10	3600	215TCZ	<b>WCL1511T</b>	4,395	PC1	22.38	143	83.0	230	46.0	20, 30

## Close-coupled pump, three phase 1 thru 50 Hp

### Features

- Oversize ball bearings for the pump industry
- Locked DE bearing to allow mounting in any configuration
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

### Applications

- Cement
- Food and beverage
- Industrial pumps
- Wastewater
- Agricultural
- General purpose pumps
- Aggregate

**ODP**  
**IP23**

**TEFC**  
**IP44**

### Close-coupled pump, three phase, TEFC, foot mounted, Aegis

- Internal shaft grounding brush for bearing current mitigation on DE retainer ring
- Class H insulation for increased protection on Inverter use



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	EJMM3546T-G	1,518	PC3	15.43	37	85.5	230/460	1.6	30
1 1/2	3600	143JM	EJMM3550T-G	1,510	PC3	15.41	38	84.0	230/460	1.9	30
	1800	145JM	EJMM3554T-G	1,755	PC3	15.43	41	86.5	230/460	2.3	30
2	3600	145JM	EJMM3555T-G	1,714	PC3	15.41	41	85.5	230/460	2.5	30
	1800	145JM	EJMM3558T-G	1,833	PC3	15.43	45	86.5	230/460	2.8	30
3	3600	182JM	EJMM3610T-G	1,905	PC3	16.91	60	86.5	230/460	3.6	30
	1800	182JM	EJMM3611T-G	2,062	PC3	18.06	76	89.5	230/460	4.2	30
5	3600	184JM	EJMM3613T-G	2,195	PC3	18.06	81	88.5	230/460	5.9	30
	1800	184JM	EJMM3615T-G	2,067	PC3	19.56	93	89.5	230/460	6.7	30
7 1/2	3600	213JM	EJMM3709T-G	2,857	PC3	19.76	124	89.5	230/460	9.0	30
	1800	213JM	EJMM3710T-G	3,053	PC3	20.89	134	91.7	230/460	9.5	30
10	3600	215JM	EJMM3711T-G	3,216	PC3	19.76	124	90.2	230/460	11.6	30
	1800	215JM	EJMM3714T-G	3,512	PC3	22.38	165	91.7	230/460	12.5	30
15	3600	254JM	EJMM2394T-G	5,572	PC3	25.36	260	91.0	230/460	17.5	30
	1800	254JM	EJMM2333T-G	5,528	PC3	25.36	265	92.4	230/460	18.1	30
20	3600	256JM	EJMM4106T-G	6,088	PC3	25.36	274	91.0	230/460	23.0	30
	1800	256JM	EJMM2334T-G	6,175	PC3	25.36	303	93.0	230/460	24.0	30
25	3600	284JM	EJMM4107T-G	7,161	PC3	26.96	265	91.7	230/460	29.0	30, 20
	1800	284JM	EJMM4103T-G	6,928	PC3	28.64	437	93.6	230/460	31.0	30, 20
30	3600	286JM	EJMM4108T-G	9,956	PC3	26.96	300	91.7	230/460	34.0	30, 20
	1800	286JM	EJMM4104T-G	9,371	PC3	28.64	437	93.6	230/460	38.0	30, 20

Cast iron frame

**Close-coupled pump, three phase, TEFC, foot mounted, Aegis**

- Internal shaft grounding brush for bearing current mitigation on DE retainer ring
- Class H insulation for increased protection on Inverter use

Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Full Load Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
40	3600	324JM	EJMM4109T-G	10,557	PC3	30.69	470	92.4	230/460	45.0	30, 20
	1800	324JM	EJMM4110T-G	11,489	PC3	30.65	578	94.1	230/460	48.0	30, 20
50	3600	326JM	EJMM4114T-G	12,734	PC3	30.65	575	93.0	230/460	56.0	30, 20
	1800	326JM	EJMM4115T-G	12,905	PC3	30.65	700	94.5	230/460	58.0	30, 20

Cast iron frame

**Close-coupled pump, three phase, ODP, foot mounted, Aegis**

- Internal shaft grounding brush for bearing current mitigation on DE retainer ring
- Class H insulation for increased protection on Inverter use



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Full Load Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	EJMM3116T-G	1,438	PC3	13.75	37	85.5	230/460	1.6	30
1 1/2	1800	145JM	EJMM3154T-G	1,533	PC3	13.75	41	86.5	230/460	2.3	30
2	1800	145JM	EJMM3157T-G	1,652	PC3	14.25	44	86.5	230/460	2.8	30
3	3600	145JM	EJMM3158T-G	1,838	PC3	15.13	51	85.5	230/460	3.8	30
	1800	182JM	EJMM3211T-G	1,867	PC3	16.50	74	89.5	230/460	4.2	30
5	3600	182JM	EJMM3212T-G	2,207	PC3	15.12	64	86.5	230/460	6.0	30
	1800	184JM	EJMM3218T-G	2,067	PC3	18.00	88	89.5	230/460	6.6	30
7 1/2	3600	184JM	EJMM3219T-G	2,546	PC3	16.50	78	88.5	230/460	8.6	30
	1800	213JM	EJMM3311T-G	3,015	PC3	18.19	120	91.0	230/460	9.8	30
10	3600	213JM	EJMM3312T-G	3,267	PC3	18.19	121	90.2	230/460	12.0	30
	1800	215JM	EJMM3313T-G	3,226	PC3	19.31	132	91.7	230/460	12.5	30
15	3600	215JM	EJMM3314T-G	4,082	PC3	18.19	134	90.2	230/460	17.5	30
	1800	254JM	EJMM2513T-G	4,617	PC3	24.69	213	93.0	230/460	18.2	30
20	3600	254JM	EJMM2514T-G	5,014	PC3	23.19	185	91.0	230/460	23.5	30, 20
	1800	256JM	EJMM2515T-G	5,368	PC3	24.69	257	93.0	230/460	24.0	30, 20
25	3600	256JM	EJMM2516T-G	6,340	PC3	23.19	233	91.7	230/460	28.0	30, 20
	1800	284JM	EJMM2531T-G	6,518	PC3	25.94	377	93.6	230/460	30.0	30, 20
30	3600	284JM	EJMM2534T-G	7,430	PC3	24.69	320	91.7	230/460	35.0	30, 20
	1800	286JM	EJMM2535T-G	7,525	PC3	26.94	398	94.1	230/460	36.0	30, 20
40	3600	286JM	EJMM2538T-G	9,045	PC3	24.69	355	92.4	230/460	46.0	30, 20
	1800	324JM	EJMM2539T-G	9,584	PC3	27.44	378	94.1	230/460	49.0	30, 20
50	3600	324JM	EJMM2542T-G	10,012	PC3	27.44	412	93.0	230/460	56.0	30, 20
	1800	326JM	EJMM2543T-G	10,353	PC3	27.94	497	94.5	230/460	57.0	30, 20

TOC INFO SP4 GP SD WD XP PUMP HVAC FARM DP UH BRM VSAC DCPM DCSW GRDS BUFF LATH GBPA ACPA DCPA ACC MDEX INDX NOTE

Close-coupled pump, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	EJMM3546T	1,362	PC3	15.41	40	85.5	230/460	1.6	1, 30
1 1/2	3600	143JM	EJMM3550T	1,354	PC3	15.41	41	84.0	230/460	1.9	1, 30
	1800	145JM	EJMM3554T	1,451	PC3	15.43	44	86.5	230/460	2.3	1, 30
2	3600	143JM	EJMM3555T	1,558	PC3	15.41	47	85.5	230/460	2.5	1, 30
	1800	145JM	EJMM3558T	1,755	PC3	15.41	50	86.5	230/460	2.8	1, 30
3	3600	143JM	EJMM3559T	1,683	PC3	16.29	54	86.5	230/460	3.6	1, 30
		182JM	EJMM3610T	1,992	PC3	16.80	56	86.5	230/460	3.6	1, 30
5	1800	182JM	EJMM3611T	1,887	PC3	18.06	76	89.5	230/460	4.2	1, 30
		3600	184JM	EJMM3613T	2,032	PC3	18.06	79	88.5	230/460	5.8
7 1/2	3600	184JM	EJMM3616T	2,292	PC3	19.56	101	89.5	230/460	8.4	1, 30
		213JM	EJMM3709T	2,427	PC3	19.76	125	89.5	208-230/460	9.0	1, 30
		1800	213JM	EJMM3710T	2,733	PC3	20.88	134	91.7	230/460	9.5
10	3600	215JM	EJMM3711T	2,995	PC3	19.76	130	90.2	230/460	11.6	1, 30
		1800	215JM	EJMM3714T	3,083	PC3	22.39	165	91.7	230/460	12.5
15	3600	215JM	EJMM3713T	4,197	PC3	22.39	169	91.0	208-230/460	17.0	1, 30
		254JM	EJMM2394T	5,325	PC3	25.36	245	91.0	230/460	17.5	1, 30
		1800	254JM	EJMM2333T	5,045	PC3	25.36	268	92.4	230/460	18.1
20	3600	256JM	EJMM4106T	5,730	PC3	25.36	281	91.0	230/460	23.0	1, 30
		1800	256JM	EJMM2334T	5,780	PC3	25.36	304	93.0	230/460	24.0
25	3600	284JM	EJMM4107T	6,513	PC3	27.14	351	91.7	230/460	29.0	20, 30
		1800	284JM	EJMM4103T	6,746	PC3	28.69	387	93.6	230/460	31.0
30	3600	286JM	EJMM4108T	8,956	PC3	28.69	406	91.7	230/460	34.0	1, 30
		1800	286JM	EJMM4104T	9,541	PC3	28.69	422	93.6	230/460	36.0
40	3600	324JM	EJMM4109T	10,142	PC3	30.69	487	92.4	230/460	45.0	1, 30
		1800	324JM	EJMM4110T	11,074	PC3	30.65	586	94.1	230/460	48.0
50	3600	326JM	EJMM4114T	12,319	PC3	30.65	590	93.0	230/460	56.0	1, 30
		1800	326JM	EJMM4115T	12,490	PC3	30.65	624	94.5	230/460	58.0
575 volt											
1	1800	143JM	EJMM3546T-5	1,464	PC3	15.41	38	85.5	575	1.3	1
1 1/2	3600	143JM	EJMM3550T-5	1,444	PC3	15.41	38	84.0	575	1.5	
	1800	145JM	EJMM3554T-5	1,599	PC3	15.41	41	86.5	575	1.8	1
2	3600	145JM	EJMM3555T-5	1,558	PC3	15.41	41	85.5	575	2.0	
		1800	145JM	EJMM3558T-5	1,676	PC3	15.41	45	86.5	575	2.2
3	3600	145JM	EJMM3559T-5	1,683	PC3	16.29	50	86.5	575	2.9	1
		182JM	EJMM3610T-5	1,874	PC3	16.69	63	86.5	575	2.9	
		1800	182JM	EJMM3611T-5	1,887	PC3	18.06	70	89.5	575	3.3
5	3600	184JM	EJMM3613T-5	2,032	PC3	18.06	74	88.5	575	4.7	1
		1800	184JM	EJMM3615T-5	1,935	PC3	19.56	93	89.5	575	5.3
7 1/2	3600	184JM	EJMM3616T-5	2,546	PC3	19.56	96	89.5	575	6.8	1

Cast iron frame



**Close-coupled pump, three phase, TEFC, footless**



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	<b>VEJMM3546T</b>	1,138	PC3	14.41	38	85.5	230/460	1.6	1, 30
1 1/2	1800	145JM	<b>VEJMM3554T</b>	1,200	PC3	15.43	45	86.5	230/460	2.3	1, 30
2	1800	145JM	<b>VEJMM3558T</b>	1,438	PC3	15.41	44	86.5	230/460	2.8	1, 30
3	1800	182JM	<b>VEJMM3611T</b>	1,640	PC3	18.05	74	89.5	230/460	4.2	1, 30
5	1800	184JM	<b>VEJMM3615T</b>	1,935	PC3	19.55	90	89.5	230/460	6.7	1, 30
7 1/2	3600	213JM	<b>VEJMM3709T</b>	2,962	PC3	19.76	121	89.5	208-230/460	9.0	1, 30
	1800	213JM	<b>VEJMM3710T</b>	2,770	PC3	20.88	136	91.7	230/460	9.5	1, 30
10	1800	215JM	<b>VEJMM3714T</b>	3,208	PC3	22.40	165	91.7	230/460	12.5	1, 30
15	1800	254JM	<b>VEJMM2333T</b>	5,429	PC3	25.36	278	92.4	230/460	18.1	1, 30
20	1800	256JM	<b>VEJMM2334T</b>	5,780	PC3	25.36	303	93.0	230/460	24.0	1, 30
575 volt											
1	1800	143JM	<b>VEJMM3546T-5</b>	1,464	PC3	14.43	38	85.5	575	1.2	1
1 1/2	1800	145JM	<b>VEJMM3554T-5</b>	1,599	PC3	15.41	41	86.5	575	1.8	1
2	1800	145JM	<b>VEJMM3558T-5</b>	1,676	PC3	15.41	45	86.5	575	2.2	1
3	1800	182JM	<b>VEJMM3611T-5</b>	1,887	PC3	18.04	70	89.5	575	3.3	1
5	1800	184JM	<b>VEJMM3615T-5</b>	1,935	PC3	19.55	94	89.5	575	5.3	1
7 1/2	1800	213JM	<b>VEJMM3710T-5</b>	2,733	PC3	20.89	127	91.7	575	7.6	1, 35
10	1800	215JM	<b>VEJMM3714T-5</b>	3,015	PC3	22.39	165	91.7	575	9.6	1, 35
15	1800	254JM	<b>VEJMM2333T-5</b>	4,973	PC3	25.36	255	92.4	575	14.6	1, 35
20	1800	256JM	<b>VEJMM2334T-5</b>	5,780	PC3	25.30	303	93.0	575	19.2	1, 35

Cast iron frame





**Close-coupled pump, three phase, ODP, foot mounted**

Rodent screens to protect against trash debris  
 Locked DE bearing to allow for mounting in any configuration - ODP motors retain IP rating when mounted in horizontal position only.

Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
<b>Packed pump, Type JP</b>											
<b>230/460 volt</b>											
1	1800	143JP	EJPM3116T	1,419	PC3	16.82	38	85.5	230/460	1.6	1, 30
1 1/2	1800	145JP	EJPM3154T	1,472	PC3	16.81	37	86.5	230/460	2.3	1, 30
2	1800	145JP	EJPM3157T	1,559	PC3	17.32	43	86.5	230/460	2.8	1, 30
3	3600	143JP	EJPM3158T	1,446	PC3	17.32	48	85.5	230/460	3.8	1, 30
	1800	182JP	EJPM3211T	1,834	PC3	19.56	74	89.5	230/460	4.2	1, 30
5	3600	182JP	EJPM3212T	1,729	PC3	18.18	63	86.5	230/460	6.0	1, 30
	1800	184JP	EJPM3218T	1,969	PC3	21.06	92	89.5	230/460	6.6	1, 30
7 1/2	3600	184JP	EJPM3219T	2,495	PC3	19.56	77	88.5	230/460	8.6	1, 30
	1800	213JP	EJPM3311T	2,824	PC3	22.07	130	91.0	230/460	9.3	1, 30
10	3600	213JP	EJPM3312T	2,921	PC3	22.07	122	90.2	230/460	12.0	1, 30
	1800	215JP	EJPM3313T	2,796	PC3	23.20	138	91.7	230/460	12.5	1, 30
15	3600	215JP	EJPM3314T	3,917	PC3	22.07	134	90.2	230/460	17.5	1, 30
	1800	254JP	EJPM2513T	4,135	PC3	27.56	250	93.0	230/460	18.2	1, 30
20	3600	254JP	EJPM2514T	4,599	PC3	26.06	185	91.0	230/460	23.5	1, 30
	1800	256JP	EJPM2515T	4,953	PC3	27.56	236	93.0	230/460	24.0	1, 30
25	3600	256JP	EJPM2516T	5,925	PC3	26.06	230	91.7	230/460	28.0	1, 30
	1800	284JP	EJPM2531T	5,892	PC3	28.81	335	93.6	230/460	30.0	1, 30
30	3600	284JP	EJPM2534T	7,015	PC3	29.44	310	91.7	230/460	33.0	1, 30
	1800	286JP	EJPM2535T	7,110	PC3	29.81	370	94.1	230/460	36.0	1, 30
40	3600	286JP	EJPM2538T	8,630	PC3	29.44	329	92.4	230/460	45.0	1, 30
	1800	324JP	EJPM2539T	9,169	PC3	30.32	378	94.1	230/460	49.0	1, 30
50	3600	324JP	EJPM2542T	9,597	PC3	29.81	424	93.0	230/460	58.0	1, 30
	1800	326JP	EJPM2543T	9,938	PC3	30.81	500	94.5	230/460	57.0	1, 30
60	1800	364JP	EJPM2547T	12,269	PC3	33.19	565	95.0	230/460	68.0	1, 30
75	1800	365JP	EJPM2551T	14,619	PC3	36.22	760	95.0	230/460	85.0	1, 30

**West coast fit, Type TCZ**

<b>230/460 volt</b>											
5	3600	182TCZ	EWCM3212T	1,691	PC3	18.32	63	86.5	230/460	6.0	1, 30
7 1/2	3600	184TCZ	EWCM3219T	2,457	PC3	19.69	77	88.5	230/460	8.6	1, 30
10	3600	213TCZ	EWCM3312T	2,864	PC3	21.25	121	90.2	230/460	12.0	1, 30
15	3600	215TCZ	EWCM3314T	3,860	PC3	21.25	131	90.2	230/460	17.5	1, 30

**Close-coupled pump, three phase, ODP, footless**

Rodent screens to protect against trash debris  
 Locked DE bearing to allow for mounting in any configuration - ODP motors retain IP rating when mounted in horizontal position only.



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	<b>VEJMM3116T</b>	1,164	PC3	15.41	37	85.5	230/460	1.6	1, 30
1 1/2	1800	145JM	<b>VEJMM3154T</b>	1,248	PC3	15.41	43	86.5	230/460	2.2	1, 30
2	1800	145JM	<b>VEJMM3157T</b>	1,365	PC3	15.41	46	86.5	230/460	2.8	1, 30
3	3600	145JM	<b>VEJMM3158T</b>	1,446	PC3	15.41	48	85.5	230/460	3.8	1, 30
	1800	182JM	<b>VEJMM3211T</b>	1,498	PC3	18.04	74	89.5	230/460	4.2	1, 30
5	3600	182JM	<b>VEJMM3212T</b>	1,729	PC3	16.66	63	86.5	230/460	6.0	1, 30
	1800	184JM	<b>VEJMM3218T</b>	1,696	PC3	19.54	94	89.5	230/460	6.6	1, 30
7 1/2	3600	184JM	<b>VEJMM3219T</b>	2,495	PC3	18.04	100	88.5	230/460	8.6	1, 30
	1800	213JM	<b>VEJMM3311T</b>	2,559	PC3	19.72	125	91.7	230/460	9.6	1, 30
10	3600	213JM	<b>VEJMM3312T</b>	2,921	PC3	19.72	121	90.2	230/460	12.0	1, 30
	1800	215JM	<b>VEJMM3313T</b>	2,770	PC3	20.84	165	91.7	230/460	12.5	1, 30
15	3600	215JM	<b>VEJMM3314T</b>	3,917	PC3	19.72	131	90.2	230/460	17.5	1, 30
575 volt											
1	1800	143JM	<b>VEJMM3116T-5</b>	1,164	PC3	15.41	44	85.5	575	1.3	
1 1/2	1800	145JM	<b>VEJMM3154T-5</b>	1,248	PC3	15.41	51	86.5	575	1.7	
2	1800	145JM	<b>VEJMM3157T-5</b>	1,365	PC3	16.29	52	86.5	575	2.3	
3	1800	182JM	<b>VEJMM3211T-5</b>	1,498	PC3	18.06	74	89.5	575	3.1	
5	1800	184JM	<b>VEJMM3218T-5</b>	1,696	PC3	18.06	77	89.5	575	5.2	

**White Washdown close-coupled pump, foot mounted**

Oversized, double sealed ball bearings  
 Locked DE bearing, JM type mechanical seal for pumping



Hp	RPM	Frame	Encl.	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM												
230/460 volt												
1	3600	143JM	TEFC	<b>JMEWDM3545T</b>	1,800	WDW	15.41	35	84.0	230/460	1.4	1
	1800	143JM	TENV	<b>JMEWDM3546T</b>	1,879	WDW	14.25	39	85.5	230/460	1.7	1, 30
1 1/2	3600	143JM	TENV	<b>JMEWDM3550T</b>	1,889	WDW	14.25	48	85.5	208-230/460	2.0	1, 30
	1800	145JM	TENV	<b>JMEWDM3554T</b>	1,963	WDW	16.50	50	86.5	230/460	2.3	30
2	3600	143JM	TEFC	<b>JMEWDM3555T</b>	2,062	WDW	13.29	47	85.5	208-230/460	2.5	1, 30
	1800	145JM	TEFC	<b>JMEWDM3558T</b>	2,149	WDW	15.41	48	86.5	230/460	2.8	1, 30
3	3600	143JM	TEFC	<b>JMEWDM3559T</b>	2,518	WDW	14.17	50	86.5	230/460	3.6	1, 30
	1800	182JM	TEFC	<b>JMEWDM3611T</b>	2,819	WDW	18.05	70	89.5	230/460	4.2	1, 30
5	3600	184JM	TEFC	<b>JMEWDM3613T</b>	3,323	WDW	18.05	81	88.5	230/460	5.6	1, 30
	1800	184JM	TEFC	<b>JMEWDM3615T</b>	3,175	WDW	19.55	93	89.5	230/460	6.7	1, 30
7 1/2	3600	184JM	TEFC	<b>JMEWDM3616T</b>	3,937	WDW	19.55	96	89.5	230/460	8.4	1, 30
	1800	213JM	TEFC	<b>JMEWDM3710T</b>	3,990	WDW	20.91	151	91.7	230/460	9.5	1, 30
10	3600	215JM	TEFC	<b>JMEWDM3711T</b>	5,083	WDW	20.91	130	90.2	230/460	10.8	1, 30
	1800	215JM	TEFC	<b>JMEWDM3714T</b>	4,242	WDW	22.41	165	91.7	230/460	12.5	1, 30
15	3600	215JM	TEFC	<b>JMEWDM3713T</b>	6,341	WDW	21.64	169	91.0	230/460	17.0	1, 30
	1800	254JM	TEFC	<b>JMEWDM23933T</b>	8,765	WDW	25.06	252	92.4	230/460	18.0	1, 30
20	3600	256JM	TEFC	<b>JMEWDM41906T</b>	10,176	WDW	25.06	255	91.0	230/460	21.5	2
	1800	256JM	TEFC	<b>JMEWDM23934T</b>	10,129	WDW	25.06	275	93.0	230/460	24.0	1, 30
575 volt												
5	3600	184JM	TEFC	<b>JMEWDM3613T-5</b>	3,323	WDW	18.05	74	88.5	575	4.7	10

**White Washdown Features, close-coupled pump, foot mounted**

Oversized, double sealed ball bearings  
 Locked DE bearing, lip and v-ring seal on DE



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
25	3600	284JM	<b>JMEWDM4107T</b>	8,492	WDW	28.44	446	91.7	230/460	30.0	1
	1800	284JM	<b>JMEWDM4103T</b>	8,197	WDW	28.44	471	93.6	230/460	30.0	1
30	3600	286JM	<b>JMEWDM4108T</b>	10,043	WDW	28.44	459	91.7	230/460	34.0	1, 30
	1800	286JM	<b>JMEWDM4104T</b>	9,318	WDW	28.44	460	93.6	230/460	36.0	1
40	3600	324JM	<b>JMEWDM4109T</b>	13,592	WDW	30.53	618	92.4	230/460	47.0	1
	1800	324JM	<b>JMEWDM4110T</b>	12,078	WDW	30.53	600	94.1	230/460	46.0	1, 30
50	3600	326JM	<b>JMEWDM4114T</b>	14,160	WDW	30.53	635	93.0	230/460	55.0	1
	1800	326JM	<b>JMEWDM4115T</b>	13,876	WDW	30.53	658	94.5	230/460	57.0	1
West coast fit, Type TCZ											
230/460 volt											
60	3600	364TCZ	<b>JMEWDM4310T</b>	21,161	WDW	33.11	900	93.6	230/460	66.1	
	1800	364TCZ	<b>JMEWDM4314T</b>	20,094	WDW	33.11	961	95.0	230/460	70.0	
75	3600	365TCZ	<b>JMEWDM4313T</b>	22,622	WDW	33.11	1005	94.5	230/460	80.7	
	1800	365TCZ	<b>JMEWDM4316T</b>	21,649	WDW	33.11	965	95.4	230/460	86.0	

Cast iron frame

TOC  
 INFO  
 SP4  
 GP  
 SD  
 WD  
 XP  
 PUMP  
 HVAC  
 FARM  
 DP  
 UH  
 BRM  
 VSAC  
 IMD  
 DCPM  
 DCSW  
 GRDS  
 BUFF  
 LATH  
 GBPA  
 ACPA  
 DCPA  
 ACC  
 MDEX  
 INDX  
 NOTE

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**Food Safe stainless steel, three phase, close-coupled pump foot mounted, encapsulated**


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Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	JMFSWDM3546T-E	3,440	WDF	14.97	37	85.5	230/460	1.7	30
1 1/2	3600	143JM	JMFSWDM3550T-E	3,578	WDF	15.85	50	85.5	230/460	1.8	30
	1800	145JM	JMFSWDM3554T-E	3,598	WDF	16.15	45	86.5	230/460	2.2	30
2	3600	145JM	JMFSWDM3555T-E	4,075	WDF	17.03	50	86.5	230/460	2.5	30
	1800	145JM	JMFSWDM3558T-E	4,133	WDF	16.15	56	86.5	230/460	2.7	30
3	3600	145JM	JMFSWDM3559T-E	4,895	WDF	18.40	85	86.5	230/460	3.7	30
	1800	182JM	JMFSWDM3611T-E	5,139	WDF	19.72	83	89.5	230/460	4.2	30
5	3600	184JM	JMFSWDM3613T-E	5,535	WDF	18.22	81	89.5	230/460	5.6	30
	1800	184JM	JMFSWDM3615T-E	5,573	WDF	19.72	101	89.5	230/460	6.5	30
7 1/2	3600	213JM	JMFSWDM3709T-E	6,524	WDF	20.62	131	91.0	230/460	8.3	30
	1800	213JM	JMFSWDM3710T-E	6,647	WDF	21.81	139	91.7	230/460	9.5	
10	3600	215JM	JMFSWDM3711T-E	7,315	WDF	21.81	189	91.7	230/460	10.6	30
	1800	215JM	JMFSWDM3714T-E	7,717	WDF	23.56	187	92.4	230/460	12.5	30
15	3600	213JM	JMFSWDM3713T-E	10,588	WDF	23.56	187	91.7	230/460	17.0	30
		254JM	JMFSWDM23994T-E	12,328	WDF	25.68	265	91.0	230/460	17.0	
	1800	254JM	JMFSWDM23933T-E	12,162	WDF	25.68	281	92.4	230/460	17.5	30
20	3600	256JM	JMFSWDM41906T-E	13,882	WDF	26.68	295	91.0	230/460	23.0	
	1800	256JM	JMFSWDM23934T-E	13,814	WDF	26.68	331	93.0	230/460	24.0	

**Explosion Proof, General Purpose, close-coupled pump, three phase**

NEMA JM pump mounting  
Steel band frame, cast iron endplates



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
3	3600	145JM	JMXM14321T	①	T3C	3,420	XPP	18.67	59	86.5	230/460	3.6	2, 38
		182JM	JMXM18322T	②	T3C	4,023	XPP	18.98	80	86.5	230/460	3.0	19
5	3600	184JM	JMXM18522T	②	T3C	4,589	XPP	20.36	91	89.5	230/460	4.2	19
7 1/2	3600	184JM	JMXM18721T	①	T2C	4,757	XPP	21.86	115	89.5	230/460	8.4	2, 38
		213JM	JMXM21722T	②	T3C	5,406	XPP	21.45	149	89.5	230/460	7.8	19
10	3600	213JM	JMXM21122T	②	T2D	5,625	XPP	24.20	205	90.2	230/460	11.4	19

① = Class I, Group D

② = Class I, Group D, Class II, Group F & G

**Explosion Proof, Drill Rig Duty, three phase, close-coupled pump**

NEMA JP pump mount



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
3	1800	182JP	JPDRX18344T	④	T3C	3,473	XDP	22.09	127	89.5	230/460	3.5	19
5	1800	184JP	JPDRX18544T	④	T3C	3,985	XDP	22.09	152	89.5	230/460	5.1	19
7 1/2	1800	213TCZ	JPDRX21744TY	④	T3C	5,082	XDP	25.65	228	91.7	230/460	8.7	19, 35, 39
10	1800	215TCZ	JPDRX21144TY	④	T3C	6,629	XDP	25.65	252	91.7	230/460	11.6	19, 35, 39
575 volt													
3	1800	182JP	JPDRX18344T-5	④	T3C	3,473	XDP	22.09	127	89.5	575	3.3	
5	1800	184JP	JPDRX18544T-5	④	T3C	3,985	XDP	22.09	152	89.5	575	5.3	10
7 1/2	1800	213TCZ	JPDRX21744TY-5	④	T3C	5,082	XDP	25.65	228	91.7	575	7.5	10, 35, 39
10	1800	215JP	JPDRX21144TY-5	④	T3C	6,629	XDP	25.65	252	92.4	575	10.1	10, 35, 39

④ = Class I, Group C & D

Cast iron frame



# IEEE 841XL, Vertical P-Base, solid shaft pump 3 thru 75 Hp

**IP56**

**Features**

- Meets and exceeds the requirements of IEEE Std. 841-2021
- Vertical lifting provisions for ease of installations
- Division 2, Class I, Groups A, B, C, D markings on the nameplate
- Severe Duty construction for harsh environments
- Inpro/seals at drive end and opposite drive end
- Inverter Duty nameplate
- Meets IEEE 45 on nameplate
- IEEE 841 test report ships with the motor
- 5 year warranty

**Applications**

- Aggregate
- Harsh environments
- Normal, medium, and high thrust applications
- Petrochemical
- Pulp and paper
- Severe duty applications
- Wastewater

**IEEE 841XL, vertical p-base, solid shaft pump, three phase, TEFC**



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
<b>High thrust</b>											
<b>460 volt</b>											
50	3600	326VP	<b>VPECP84114T-4</b>	19,977	PV3	38.56	784	93.0	460	55.0	1
	1800	326VP	<b>VPECP84115T-4</b>	19,655	PV3	38.56	700	94.5	460	57.0	1
60	3600	364VP	<b>VPECP84310T-4</b>	30,888	PV3	37.27	999	93.6	460	66.0	1
	1800	364VP	<b>VPECP84314T-4</b>	30,071	PV3	37.27	910	95.0	460	68.0	1
75	3600	365VP	<b>VPECP84313T-4</b>	32,051	PV3	37.27	1005	93.6	460	81.5	1
	1800	365VP	<b>VPECP84316T-4</b>	30,519	PV3	37.27	1066	95.4	460	86.0	1
<b>Medium thrust</b>											
<b>460 volt</b>											
3	3600	182LP	<b>VLECP83660T-4</b>	5,147	PV3	22.68	95	86.5	460	3.6	1
	1800	182LP	<b>VLECP83661T-4</b>	5,273	PV3	22.68	108	90.2	460	4.1	1
5	3600	184LP	<b>VLECP83663T-4</b>	5,888	PV3	22.68	123	88.5	460	5.7	1
	1800	184LP	<b>VLECP83665T-4</b>	5,502	PV3	22.68	115	89.5	460	6.5	1
7 1/2	3600	213LP	<b>VLECP83769T-4</b>	7,163	PV3	24.71	171	89.5	460	8.9	1
	1800	213LP	<b>VLECP83770T-4</b>	6,541	PV3	24.71	178	91.7	460	9.5	1
10	3600	215LP	<b>VLECP83771T-4</b>	7,140	PV3	24.71	189	91.0	460	11.3	1
	1800	215LP	<b>VLECP83774T-4</b>	7,413	PV3	24.71	231	91.7	460	12.2	1
15	3600	254LP	<b>VLECP82394T-4</b>	9,834	PV3	29.53	240	91.0	460	17.0	1
	1800	254LP	<b>VLECP82333T-4</b>	9,424	PV3	29.53	361	92.4	460	17.6	1

Cast iron frame

**IEEE 841XL, vertical p-base, solid shaft pump, three phase, TEFC**

Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
20	3600	256LP	<b>VLECP84106T-4</b>	10,621	PV3	29.53	315	91.0	460	22.0	1
	1800	256LP	<b>VLECP82334T-4</b>	9,827	PV3	34.56	420	93.0	460	23.0	1
25	3600	284LP	<b>VLECP84107T-4</b>	14,670	PV3	36.31	396	91.7	460	28.0	1
	1800	284LP	<b>VLECP84103T-4</b>	14,099	PV3	36.31	437	93.6	460	30.0	1
30	3600	286LP	<b>VLECP84108T-4</b>	16,160	PV3	36.31	591	91.7	460	34.0	1
	1800	286LP	<b>VLECP84104T-4</b>	15,335	PV3	36.31	618	93.6	460	36.0	1
40	3600	324LP	<b>VLECP84109T-4</b>	22,991	PV3	38.56	607	92.4	460	44.0	1
	1800	324LP	<b>VLECP84110T-4</b>	21,560	PV3	38.56	741	94.1	460	46.0	1

Cast iron frame

TOC  
INFO  
SP4  
GP  
SD  
WD  
XP  
PUMP  
HVAC  
FARM  
DP  
UH  
BRM  
VSAC  
IMD  
DCPM  
DCSW  
GRDS  
BUFF  
LATH  
GBPA  
ACPA  
DCPA  
ACC  
MDEX  
INDX  
NOTE

## Vertical P-Base, solid shaft pump 3 thru 75 Hp

### Features

- Vertical lifting provisions for ease of installation
- Severe Duty construction for harsh environments
- Corrosion resistant epoxy finish
- Stainless steel nameplates and seals

### Applications

- Normal, medium, and high thrust applications
- Severe duty applications
- Harsh environments
- Petrochemical
- Pulp and paper
- Wastewater
- Aggregate

**IP55**

### P-Base Solid Shaft Pump, three phase, TEFC



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
High thrust											
230/460 volt											
50	3600	326VP	VPECP4114T	18,851	PV3	34.71	587	93.0	230/460	56.0	1
	1800	326VP	VPECP4115T	18,581	PV3	34.71	714	94.5	230/460	58.0	1
60	3600	364VP	VPECP4310T	25,548	PV3	37.25	999	95.0	230/460	65.1	1
	1800	364VP	VPECP4314T	23,873	PV3	37.25	910	95.0	230/460	70.0	1
75	3600	365VP	VPECP4313T	27,573	PV3	37.25	1005	94.5	230/460	80.7	1
	1800	365VP	VPECP4316T	26,485	PV3	37.25	965	95.4	230/460	86.0	1
Medium thrust											
230/460 volt											
3	3600	182LP	VLECP3660T	5,027	PV3	22.18	99	88.5	230/460	3.4	1
	1800	182LP	VLECP3661T	5,139	PV3	22.18	105	89.5	230/460	4.1	1
5	3600	184LP	VLECP3663T	5,534	PV3	22.18	105	90.2	230/460	5.7	1
	1800	184LP	VLECP3665T	5,180	PV3	22.18	119	89.5	230/460	6.6	1
7 1/2	3600	213LP	VLECP3769T	6,575	PV3	22.51	169	91.0	230/460	8.6	1
	1800	213LP	VLECP3770T	6,005	PV3	22.51	170	91.7	230/460	9.5	1
10	3600	215LP	VLECP3771T	6,804	PV3	22.51	182	92.4	230/460	11.0	1
	1800	215LP	VLECP3774T	6,590	PV3	22.51	231	92.4	230/460	12.5	1
15	3600	254LP	VLECP2394T	9,295	PV3	26.08	298	91.0	230/460	17.0	1
	1800	254LP	VLECP2333T	9,004	PV3	26.08	319	92.4	230/460	18.1	1
20	3600	256LP	VLECP4106T	10,096	PV3	26.08	335	91.7	230/460	22.0	1
	1800	256LP	VLECP2334T	9,332	PV3	26.08	303	93.0	230/460	24.0	1
25	3600	284LP	VLECP4107T	12,266	PV3	32.44	400	91.7	230/460	28.0	1
	1800	286LP	VLECP4103T	11,864	PV3	32.44	532	93.6	230/460	31.0	1
30	3600	286LP	VLECP4108T	13,743	PV3	32.44	400	91.7	230/460	34.0	1
	1800	286LP	VLECP4104T	13,053	PV3	32.44	549	93.6	230/460	38.0	1
40	3600	324LP	VLECP4109T	18,199	PV3	34.72	600	93.0	230/460	45.0	1

Cast iron frame

**P-Base Solid Shaft Pump, three phase, TEFC**

Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
40	1800	324LP	<b>VLECP4110T</b>	16,758	PV3	34.72	600	94.1	230/460	48.0	1
Normal thrust											
230/460 volt											
3	3600	182HP	<b>VHECP3660T</b>	3,942	PV3	22.18	120	89.5	230/460	3.5	1, 30
	1800	182HP	<b>VHECP3661T</b>	3,530	PV3	22.18	129	89.5	230/460	4.1	1, 30
5	3600	184HP	<b>VHECP3663T</b>	4,787	PV3	22.18	99	90.2	230/460	5.7	1, 30
	1800	184HP	<b>VHECP3665T</b>	4,433	PV3	22.18	141	89.5	230/460	6.6	1, 30
7 1/2	3600	213HP	<b>VHECP3769T</b>	5,745	PV3	22.51	173	89.5	230/460	9.0	1, 30
	1800	213HP	<b>VHECP3770T</b>	5,340	PV3	22.51	170	91.7	230/460	9.5	1, 30
10	3600	215HP	<b>VHECP3771T</b>	5,974	PV3	22.51	203	92.4	230/460	11.0	1, 30
	1800	215HP	<b>VHECP3774T</b>	5,760	PV3	22.51	231	92.4	230/460	12.5	1, 30
15	3600	254HP	<b>VHECP2394T</b>	7,644	PV3	26.11	284	91.0	230/460	17.5	1, 30
	1800	254HP	<b>VHECP2333T</b>	7,352	PV3	26.11	316	92.4	230/460	18.1	1, 30
20	3600	256HP	<b>VHECP4106T</b>	8,444	PV3	26.11	325	92.4	230/460	23.0	1, 30
	1800	256HP	<b>VHECP2334T</b>	7,680	PV3	26.11	337	93.0	230/460	24.0	1, 30
25	3600	284HP	<b>VHECP4107T</b>	9,827	PV3	26.11	337	92.4	230/460	28.0	1, 30
	1800	284HP	<b>VHECP4103T</b>	9,426	PV3	30.69	539	93.6	230/460	31.0	1, 30
30	3600	286HP	<b>VHECP4108T</b>	11,304	PV3	26.11	361	91.7	230/460	34.0	1, 30
	1800	286HP	<b>VHECP4104T</b>	10,614	PV3	30.69	563	93.6	230/460	38.0	1, 30
40	3600	324HP	<b>VHECP4109T</b>	15,006	PV3	34.72	581	93.0	230/460	45.0	1, 30
	1800	324HP	<b>VHECP4110T</b>	13,565	PV3	34.72	620	94.1	230/460	48.0	1, 30
50	3600	326HP	<b>VHECP4114T</b>	15,548	PV3	34.72	668	93.0	230/460	56.0	1, 30
	1800	326HP	<b>VHECP4115T</b>	15,278	PV3	34.72	764	94.5	230/460	58.0	1, 30
60	3600	364HP	<b>VHECP4310T</b>	21,123	PV3	35.36	959	95.0	230/460	65.1	1, 30
	1800	364HP	<b>VHECP4314T</b>	19,449	PV3	35.36	969	95.0	230/460	68.0	1, 30
75	3600	365HP	<b>VHECP4313T</b>	23,149	PV3	35.36	1042	94.5	230/460	80.7	1, 30
	1800	365HP	<b>VHECP4316T</b>	22,060	PV3	35.36	1002	95.4	230/460	85.9	1, 30

Cast iron frame

TOC INFO SP4 GP SD WD XP PUMP HVAC FARM DP UH BRM VSAC IMD DCPM DCSW DCPM DCSW GRDS DCSW BUFF LATH GBPA ACPA ACC MDEX INDX NOTE

## SAE hydraulic pump

### 5 thru 10 Hp

IP44

**Features**

- Rated for continuous duty
- F-3 mounted conduit box
- SAE A or B-B pump configuration
- Designed for longevity with a 3 year warranty on premium efficient Super-E® Motors

**Applications**

- Agricultural
- General purpose pumps
- Industrial pumps
- Commercial machinery
- Food and beverage
- SAE pump applications
- Wastewater

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#### SAE hydraulic pump motor, three phase, TEFC

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Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
5	1800	184TYZ	<b>EHPM3615T</b>	1,713	PM3	14.98	93	89.5	230/460	6.7	
7 1/2	1800	213TYZ	<b>EHPM3710T</b>	2,383	PM3	15.79	127	91.7	230/460	9.5	
10	1800	215TYZ	<b>EHPM3714T</b>	2,664	PM3	17.29	165	91.7	230/460	12.0	

# Submersible motors

## 1 thru 100 Hp

IP68

### Features

- Continuous duty in water/sewage
- 15 minute in air
- 416 stainless steel shaft
- Dual carbon ceramic mechanical seals
- Two NC thermostats
- 25-foot cable (standard, 210TY Frame 15 HP and up)
- Dual moisture sensing probes
- 1.15 Service Factor
- Inverter Duty for 10:1 variable torque
- 5 year pro-rated warranty

### Applications

- Wet pit applications
- Slurry pumps
- Aerators
- Mixers

### Submersible motors, three phase, TENV, UL



UL listed, Division 1, Class I, Group C & D, T3C (T2A on Inverter)  
 All 180TY and 210TY catalog numbers through 10 HP are furnished without lead cable assemblies

Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes	
200 volt														
2	1800	180TY	SUM70204SM-8	④	T3C	7,274	SU3	25.94	287	73.5	200/400	6.7	81, 39	
5	1800	180TY	SUM70504-8	④	T3C	7,735	SU3	26.66	235	80.2	200/400	16.1	81	
230 volt														
1	1200	180TY	SUM70106SM	④	T3C	7,415	S1	25.94	169	63.1	230	4.0	10, 81, 39	
1 1/2	1200	180TY	SUM70156SM	④	T3C	7,573	S1	25.94	175	70.5	230	5.2	10, 81, 39	
230/460 volt														
1	1800	180TY	SUM70104SM	④	T3C	6,917	SU3	25.94	247	63.5	230/460	3.4	81, 39	
1 1/2	1800	180TY	SUM70154SM	④	T3C	7,117	SU3	25.94	175	70.5	230/460	4.6	81, 39	
2	1800	180TY	SUM70204SM	④	T3C	7,274	SU3	25.94	241	73.5	230/460	5.8	81, 39	
3	1800	180TY	SUM70304SM	④	T3C	7,367	SU3	25.94	200	78.1	230/460	8.8	81, 39	
	1200	180TY	SUM70306	④	T3C	7,507	SU3	26.66	235	78.0	230/460	10.4	81	
5	1800	180TY	SUM70504	④	T3C	7,735	SU3	26.66	267	80.2	230/460	14.0	81	
		180TY	SUM70504-4	④	T3C	7,735	SU3	26.66	257	80.2	230/460	7.0	81	
		180TY	SUM70504SM-4	④	T3C	7,735	SU3	26.66	235	80.2	230/460	7.0	81, 39	
7 1/2	1200	180TY	SUM70506	④	T3C	10,631	SU3	26.66	225	80.7	230/460	16.0	81	
		180TY	SUM70754	④	T3C	10,003	SU3	26.66	243	82.7	230/460	20.2	81	
		180TY	SUM70754-4	④	T3C	10,003	SU3	26.66	245	82.7	230/460	10.1	81	
7 1/2	1800	180TY	SUM70754SM-4	④	T3C	10,003	SU3	26.66	248	82.7	230/460	10.1	81, 39	
		210TY	SUM70756	④	T3C	11,378	SU3	31.93	350	81.7	230/460	20.8	81	
			210TY	SUM70756-4	④	T3C	11,378	SU3	31.93	350	81.7	230/460	10.4	10, 81

④ = Class I, Group C & D

— Cast iron frame

**Submersible motors, three phase, TENV, UL**

UL listed, Division 1, Class I, Group C & D, T3C (T2A on Inverter)  
 All 180TY and 210TY catalog numbers through 10 HP are furnished without lead cable assemblies

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
10	1800	210TY	<b>SUM71004</b>	④	T3C	10,377	SU3	31.93	356	85.6	230/460	25.0	81
		210TY	<b>SUM71004-4</b>	④	T3C	10,377	SU3	31.93	356	85.6	230/460	12.5	81
		210TY	<b>SUM71004SM-4</b>	④	T3C	10,377	SU3	32.65	356	85.6	230/460	12.5	81, 39
	1200	210TY	<b>SUM71006</b>	④	T3C	14,310	SU3	31.93	420	83.8	230/460	28.0	81
		210TY	<b>SUM71006-4</b>	④	T3C	14,310	SU3	31.93	412	83.8	230/460	14.0	10, 81
		210TY	<b>SUM71504</b>	④	T3C	15,587	SU3	36.12	440	85.4	230/460	38.0	
15	1800	210TY	<b>SUM71504-4</b>	④	T3C	15,587	SU3	36.12	438	85.4	230/460	19.0	81
		210TY	<b>SUM71504SM-4</b>	④	T3C	15,587	SU3	35.73	438	85.4	230/460	19.0	39, 81
		1200	250TY	<b>SUM71506-4</b>	④	T3C	19,336	SU3	39.40	750	86.5	230/460	21.0
20	1800	210TY	<b>SUM72004-4</b>	④	T3C	18,101	SU3	36.12	485	86.6	230/460	27.1	81
		210TY	<b>SUM72004SM-4</b>	④	T3C	18,101	SU3	35.73	514	86.6	230/460	27.1	39, 81
	1200	250TY	<b>SUM72006-4</b>	④	T3C	21,322	SU3	39.40	474	86.7	230/460	29.0	81
25	1800	250TY	<b>SUM72504-4</b>	④	T3C	19,953	SU3	39.40	535	88.5	230/460	31.0	81
		250TY	<b>SUM72504SM-4</b>	④	T3C	19,953	SU3	37.93	750	88.5	230/460	31.0	81, 39
		1200	250TY	<b>SUM72506-4</b>	④	T3C	27,666	SU3	39.40	560	86.7	230/460	41.0
250TY	<b>SUM72506SM-4</b>		④	T3C	27,666	SU3	37.93	496	86.7	230/460	41.0	81, 39	
30	1800	250TY	<b>SUM73004-4</b>	④	T3C	21,552	SU3	39.40	527	88.7	230/460	34.0	81
		250TY	<b>SUM73004SM-4</b>	④	T3C	21,552	SU3	37.93	574	88.7	230/460	34.0	81, 39
460 volt													
30	1200	320TY	<b>SUM73006-4</b>	④	T3C	33,199	SU3	48.63	826	89.7	460	41.0	10, 82
40	1800	250TY	<b>SUM74004-4</b>	④	T3C	29,178	SU3	39.40	549	89.0	460	50.0	82
50	1800	320TY	<b>SUM75004-4</b>	④	T3C	34,146	SU3	48.63	950	91.1	460	60.0	10, 82
		320TY	<b>SUM75004SM-4</b>	④	T3C	34,146	SU3	48.10	880	91.1	460	60.0	10, 82, 39
	1200	320TY	<b>SUM75006-4</b>	④	T3C	37,029	SU3	48.63	890	90.5	460	63.0	10, 82
60	1800	320TY	<b>SUM76004-4</b>	④	T3C	43,672	SU3	48.63	950	92.0	460	76.0	10, 82
75	1800	320TY	<b>SUM77504-4</b>	④	T3C	56,619	SU3	48.63	1300	92.6	460	88.0	10, 82
	1200	360TY	<b>SUM77506-4</b>		T3C	57,893	SU3	47.10	1450	92.3	460	90.9	10, 82
100	1800	360TY	<b>SUM710004-4</b>		T3C	60,201	SU3	47.10	1500	91.6	460	116.0	10, 82
	1200	360TY	<b>SUM710006-4</b>		T3C	74,411	SU3	47.10	1500	91.2	460	122.0	10, 82

④ = Class I, Group C & D

Cast iron frame



**Submersible motors, three phase, TENV, Non-UL**

All 210TY catalog numbers through 10 HP are furnished without lead cable assemblies



Hp	RPM	Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
7 1/2	1800	210TY	<b>SUM20754</b>	7,334	SU3	31.93	335	82.8	230/460	18.4	81
		210TY	<b>SUM20754-4</b>	7,334	SU3	31.69	340	82.8	230/460	9.2	81
10	1800	210TY	<b>SUM21004</b>	8,554	SU3	31.93	351	85.6	230/460	25.0	81
		210TY	<b>SUM21004-4</b>	8,554	SU3	31.69	370	85.6	230/460	12.5	81
15	1800	210TY	<b>SUM21504</b>	13,030	SU3	36.12	432	85.4	230/460	38.0	81
		210TY	<b>SUM21504-4</b>	13,030	SU3	36.12	441	85.4	230/460	19.0	81

Cast iron frame

## Submersible motor lead cable assemblies

Selection required for ALL 180TY and 210TY catalog ratings through 10 HP

### Features

- UL/CSA approved for Class 1 Div 1 Group C and D. Meets UL1202 for non-circuit interrupting connector.
- 316 stainless steel, prewired receptacles with 304 stainless steel plug coupling nuts.
- Cables are packaged separately from the motor, radically reducing the chances of in-transit damage.
- Supports field conversion to alternate cable lengths and simplifies routine maintenance.

### Applications

- Submersible motors

### Submersible motor lead cable assemblies

- Kits consist of (1) set of power cables and (1) set of control lead cables of the specified length with attached receptacles.
- Additional cable lengths are available on custom submersible motors.



Catalog Number	Additional Details	List Price	Disc. Sym.	Aprx. Wt. (lb)
802386201R	25 feet, 5HP 1800 200V, 5HP 1200, 7 1/2HP and 10HP 1800	1,791	SCG	20
802386201T	50 feet, 5HP 1800 200V, 5HP 1200, 7 1/2HP and 10HP 1800	2,887	SCG	42
802386201V	100 feet, 5HP 1800 200V, 5HP 1200, 7 1/2HP and 10HP 1800	4,619	SCG	75
802386203R	25 feet, 1-3HP all speeds and 5HP 1800 230 or 460V	1,286	SCG	14
802386203T	50 feet, 1-3HP all speeds and 5HP 1800 230 or 460V	1,805	SCG	28
802386203V	100 feet, 1-3HP all speeds and 5HP 1800 230 or 460V	2,887	SCG	51
802386204R	25 feet, 10HP 1200	1,937	SCG	32
802386204T	50 feet, 10HP 1200	3,143	SCG	53
802386204V	100 feet, 10HP 1200	5,006	SCG	102