

## Pump motors

From industrial wastewater to fire suppression systems or commercial pools, Baldor-Reliance® pump motors provide value by increasing reliability and reducing maintenance costs. Utilizing energy efficient designs, our pump motors meet NEMA Premium® efficiency and inverter ready with wide variable torque speed ranges. Motor construction can be tailored for specific applications and industries such as food processing, washdown applications or explosion proof enclosures for pumps in hazardous areas.



### Key features:

- Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations
- Dynamically balanced rotor to reduce noise and increase bearing life
- Color coded and numbered leads for ease of connectivity

### 1/3 - 300 Horsepower

Pump motor product line		Fire Pump	Jet Pump and Close-Coupled	Vertical P-Base	Submersible	EC Titanium™
<b>NEMA frame</b>	Frame size range for stock products	210 - 440T	56 - 320T	180 - 360T	180 - 360T	140-210
<b>Hp</b>	Horsepower NEMA	10 - 300	1/3 - 50	3 - 75	1 - 100	1 - 20
<b>Volts 60 Hz</b>	Single phase 115/208-230 or 115/230	-	S	-	S	S
	Three phase 200 volts	-	A	A	-	S
	Three phase 200/400 volts	S	A	A	-	S
	Three phase 230/460 volts	S	S	S	-	S
	Three phase 460 volts	S	A	S	S	S
	Three phase 575 volts	-	S	A	-	-
	Three phase 230 volts	-	A	A	S	-
<b>Speed</b>	Speed (60 Hz)	3600 or 1800 RPM	3600 or 1800 RPM	3600 or 1800 RPM	1800 or 1200 RPM	Variable
<b>Electrical features</b>						
<b>Efficiency</b>	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada & Mexico regulations	S	S	S	S	S
<b>Torque</b>	NEMA Design B torques	S	S	S	S	S
<b>Service factor &amp; temp. rise</b>	1.15 service factor – continuous (most ratings)	S	S	S	S	S
	Class F insulation with Class B rise @ 1.0 service factor	S	S	S	S	S
<b>Inverter ready</b>	Super E® – meets NEMA MG1 Part 31.4.4.2	-	S	S	S	S
	12 lead wye delta connection	-	-	S	S	-
<b>Mechanical features</b>						
<b>IP code</b>	IP23 ingress protection	S	S	S	-	S
	IP44 ingress protection	-	S	-	-	S
	IP54 ingress protection	-	A	-	-	S
	IP55 ingress protection	-	S	S	-	-
	IP56 ingress protection	-	S	-	-	-
	IP68 ingress protection	-	-	-	S	-
	IP69 ingress protection	-	S	-	-	-
<b>Enclosure</b>	Enclosure type	ODP	ODP or TEFC	ODP or TEFC	TENV	TEFC
	Heavy gauge steel frame	S	S	-	-	-
<b>Frame</b>	Cast iron frame	S	S	S	S	-
	Lifting provisions positioned for easy handling in the application (motors over 70 Lbs)	S	S	S	S	S
<b>Explosion proof</b>	UL Listed for use in hazardous locations	-	S	-	S	-
<b>Bearings</b>	High performance ball bearings designs	S	S	S	S	S
<b>Lubrication</b>	Super-premium Mobil Polyrex™ EM series grease	S	S	S	S	S
	Color coded and numbered leads for ease of connectivity	S	S	S	-	-
<b>Conduit box</b>	Epoxy encapsulated lead connections	-	-	-	S	-
	Gasketed cast aluminum	-	S	S	-	-
	Gasketed cast iron frame	-	S	S	-	-
	25 feet of cable	-	-	-	S	-
<b>Nameplate</b>	Laser etched nameplate with highly legible font	S	S	S	S	S
<b>Other key features</b>						
<b>Warranty</b>	Warranty # months (NEMA Premium® Super-E®)	-	36	36	60	-
	Warranty # months	12	18	(841XL) 60	-	36

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

For more information visit [baldor.com](http://baldor.com) or [new.abb.com/motors-generators](http://new.abb.com/motors-generators)

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

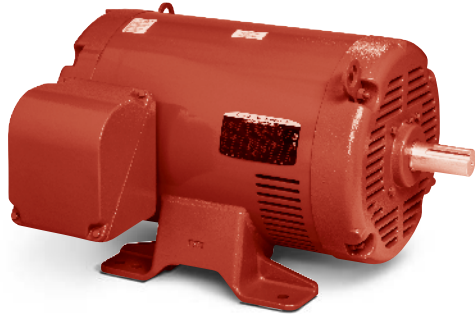
Pump

HVAC

Farm duty

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

### 10 thru 300 Hp

**IP23**

**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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
10	3600	213T	<b>FPM3312T</b>	1,322	PF3	16.32	121	88.5	230/460	12	1
	1800	215T	<b>FPM3313T</b>	1,488	PF3	16.32	130	89.5	230/460	12.7	1
15	3600	215T	<b>FPM3314T</b>	1,720	PF3	16.32	131	89.5	230/460	17.7	1
	1800	254T	<b>FPM2513T</b>	1,967	PF3	21.69	205	91	230/460	17.5	1
20	3600	254T	<b>FPM2514T</b>	2,051	PF3	22.25	145	90.2	230/460	23	1
	1800	256T	<b>FPM2515T</b>	2,113	PF3	21.69	210	91	230/460	24	1
25	3600	256T	<b>FPM2516T</b>	2,293	PF3	21.69	210	91	230/460	29	1
	1800	256T	<b>FPM2516T-2/4</b>	2,293	PF3	21.69	206	91	200/400	34	1, 33
	1800	284TS	<b>FPM2531TS</b>	2,548	PF3	23.56	236	92.4	230/460	29	1
	1800	284TS	<b>FPM2531TS-2/4</b>	2,548	PF3	23.56	236	92.4	200/400	34	1, 33
30	3600	284TS	<b>FPM2534T</b>	2,647	PF3	22.06	235	91	230/460	35	1
	1800	284TS	<b>FPM2534T-2/4</b>	2,647	PF3	22.06	235	91	200/400	40	1, 33
	1800	286TS	<b>FPM2535TS</b>	3,162	PF3	23.69	334	92.4	230/460	36	1
	1800	286TS	<b>FPM2535TS-2/4</b>	3,162	PF3	23.69	375	92.4	200/400	41	1, 33
40	3600	286TS	<b>FPM2538T</b>	3,363	PF3	23.56	280	91.7	230/460	45	1
	1800	286TS	<b>FPM2538T-2/4</b>	3,363	PF3	23.56	254	91.7	200/400	52	1, 33
	1800	324TS	<b>FPM2539TS</b>	3,515	PF3	24.69	400	93	230/460	49	1
	1800	324TS	<b>FPM2539TS-2/4</b>	3,515	PF3	24.69	380	93	200/400	56	1, 33
50	3600	324TS	<b>FPM2542T</b>	3,835	PF3	24.69	331	92.4	230/460	58	1
	1800	324TS	<b>FPM2542T-2/4</b>	3,835	PF3	24.69	331	92.4	200/400	67	1, 33
	1800	326TS	<b>FPM2543TS</b>	3,882	PF3	25.69	385	93	230/460	60	1
	1800	326TS	<b>FPM2543TS-2/4</b>	3,882	PF3	25.69	385	93	200/400	70	1, 33
60	3600	326TS	<b>FPM2546T</b>	4,677	PF3	25.69	385	93	230/460	68	1
	1800	326TS	<b>FPM2546T-2/4</b>	4,677	PF3	25.69	385	93	200/400	78	1, 33
	1800	364TS	<b>FPM2547TS</b>	4,976	PF3	25.81	480	93.6	230/460	72	1
	1800	364TS	<b>FPM2547TS-2/4</b>	4,976	PF3	27.94	480	93.6	200/400	83	1, 33
75	3600	364TS	<b>FPM2549T</b>	6,378	PF3	27.94	485	93	230/460	84	1
	1800	364TS	<b>FPM2549T-2/4</b>	6,378	PF3	27.94	485	93	200/400	96	1, 33
	1800	365TS	<b>FPM2551TS</b>	5,598	PF3	29.94	570	94.1	230/460	87	1
	1800	365TS	<b>FPM2551TS-2/4</b>	5,598	PF3	29.94	570	94.1	200/400	100	1, 33
100	3600	365TS	<b>FPM2550T</b>	6,922	PF3	28.94	533	93	230/460	113	1
	1800	365TS	<b>FPM2550T-2/4</b>	6,922	PF3	28.94	533	93	200/400	130	1, 33
	1800	404TS	<b>FPM2555TS</b>	8,407	PF3	31.85	597	94.1	230/460	117	1
	1800	404TS	<b>FPM2555TS-2/4</b>	8,407	PF3	31.85	597	94.1	200/400	135	1, 33
125	3600	404TS	<b>FPM2554T-4</b>	9,635	PF3	31.85	660	93.6	460	138	1
	1800	405TS	<b>FPM2559TS-4</b>	9,919	PF3	33.60	590	94.5	460	145	1
150	3600	405TS	<b>FPM2556T-4</b>	11,830	PF3	31.85	600	93.6	460	164	1
	1800	444TS	<b>FPM2558TS-4</b>	11,560	PF3	35.88	1579	95	460	167	
200	3600	444TS	<b>FPM2562T-4</b>	15,174	PF3	35.88	1449	94.5	460	232	
	1800	445TS	<b>FPM2563TS-4</b>	14,220	PF3	35.88	1718	95	460	224	
250	3600	445TS	<b>FPM2565T-4</b>	15,975	PF3	35.88	1737	94.5	460	288	
	1800	445TS	<b>FPM2566TS-4</b>	16,184	PF3	35.88	1844	95.4	460	272	
300	3600	445TS	<b>FPM2568T-4</b>	23,699	PF3	35.88	1697	95	460	339	

(a) See notes on inside back flap.

■ Cast iron frame

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>575 volt</b>											
20	3600	254T	<b>FPM2514T-5</b>	2,051	PF3	22.25	145	90.2	575	18.5	
	1800	256T	<b>FPM2515T-5</b>	2,113	PF3	21.69	231	91.0	575	19.6	
25	3600	256T	<b>FPM2516T-5</b>	2,293	PF3	21.69	223	91.0	575	23	
	1800	284TS	<b>FPM2531TS-5</b>	2,548	PF3	23.56	320	92.4	575	23	
30	3600	284TS	<b>FPM2534T-5</b>	2,647	PF3	22.06	240	91.0	575	28	
	1800	286TS	<b>FPM2535TS-5</b>	3,162	PF3	23.69	420	92.4	575	29	
40	3600	286TS	<b>FPM2538T-5</b>	3,363	PF3	23.56	287	91.7	575	36	
	1800	324TS	<b>FPM2539TS-5</b>	3,515	PF3	24.69	400	93.0	575	39	
50	3600	324TS	<b>FPM2542T-5</b>	3,835	PF3	24.69	449	92.4	575	46	
	1800	326TS	<b>FPM2543TS-5</b>	3,882	PF3	25.69	452	93.0	575	49	
60	3600	326TS	<b>FPM2546T-5</b>	4,677	PF3	25.69	449	93.0	575	54	
	1800	364TS	<b>FPM2547TS-5</b>	4,976	PF3	25.81	480	93.6	575	57	
75	3600	364TS	<b>FPM2549T-5</b>	6,378	PF3	25.81	480	93.0	575	67	
	1800	365TS	<b>FPM2551TS-5</b>	5,598	PF3	27.81	573	94.1	575	69	
100	3600	365TS	<b>FPM2550T-5</b>	6,922	PF3	26.81	525	93.0	575	90	
	1800	404TS	<b>FPM2555TS-5</b>	8,407	PF3	31.85	648	94.1	575	93	

(a) See notes on inside back flap.

## Fire pump, three phase, ODP, footless, close-coupled pump

10 thru 100 Hp

IP23



### Features:

- 1.15 SF, 40°C ambient continuous
- NEMA Design B, 60 Hz
- 230/460 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
- Vertical lifting
- UL file E481231
- Exterior red paint RAL3002

### Applications:

- UL listed Fire Pump motors installed per NFPA-20

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
10	3600	213JP	<b>VJPFPM3312T</b>	1,397	PF3	24.41	121	88.5	230/460	12	1
		213JP	<b>VJPFPM3312T-2/4</b>	1,397	PF3	24.41	121	88.5	200/400	12	1, 33
	1800	215JP	<b>VJPFPM3313T</b>	1,559	PF3	24.41	130	89.5	230/460	12.7	1
15	3600	215JP	<b>VJPFPM3314T</b>	1,795	PF3	24.41	131	89.5	230/460	17.7	1
		215JP	<b>VJPFPM3314T-2/4</b>	1,795	PF3	24.41	131	89.5	200/400	20.4	1, 33
	1800	254JP	<b>VJPFPM2513T</b>	2,230	PF3	28.07	220	91	230/460	17.5	1
20	3600	254JP	<b>VJPFPM2514T</b>	2,389	PF3	27.66	145	90.2	230/460	23	1
		254JP	<b>VJPFPM2514T-2/4</b>	2,389	PF3	27.66	145	90.2	200/400	26.5	1, 33
	1800	256JP	<b>VJPFPM2515T</b>	2,497	PF3	28.07	231	91	230/460	24	1
25	3600	256JP	<b>VJPFPM2516T</b>	2,745	PF3	28.07	221	91	230/460	29	1
		256JP	<b>VJPFPM2516T-2/4</b>	2,745	PF3	28.07	221	91	200/400	34	1, 33
	1800	284JP	<b>VJPFPM2531T</b>	3,062	PF3	31.44	272	91.7	230/460	29	1
30	3600	284JP	<b>VJPFPM2534T</b>	3,250	PF3	29.23	235	91	230/460	35	1
		284JP	<b>VJPFPM2534T-2/4</b>	3,250	PF3	29.23	235	91	200/400	40	1, 33
	1800	286JP	<b>VJPFPM2535T</b>	3,758	PF3	29.25	375	92.4	230/460	36	1
40	3600	286JP	<b>VJPFPM2538T</b>	3,885	PF3	31.44	263	91.7	230/460	45	1
		286JP	<b>VJPFPM2538T-2/4</b>	3,885	PF3	31.44	263	91.7	200/400	52	1, 33
	1800	324JP	<b>VJPFPM2539T</b>	4,519	PF3	31.13	375	93	230/460	49	1
50	3600	324JP	<b>VJPFPM2542T</b>	4,841	PF3	31.13	331	92.4	230/460	58	1
		324JP	<b>VJPFPM2542T-2/4</b>	4,841	PF3	31.13	331	92.4	200/400	67	1, 33
	1800	326JP	<b>VJPFPM2543T</b>	5,030	PF3	32.13	378	93	230/460	60	1
60	3600	326JP	<b>VJPFPM2546T</b>	5,730	PF3	32.13	385	93	230/460	68	1
		326JP	<b>VJPFPM2546T-2/4</b>	5,730	PF3	32.13	385	93	200/400	78	1, 33
	1800	364JP	<b>VJPFPM2547T</b>	6,232	PF3	32.50	480	93.6	230/460	72	1
75	3600	364JP	<b>VJPFPM2549T</b>	7,728	PF3	32.50	472	93	230/460	84	1
		364JP	<b>VJPFPM2549T-2/4</b>	7,728	PF3	32.50	472	93	200/400	96	1, 33
	1800	365JP	<b>VJPFPM2551T</b>	7,275	PF3	34.50	565	94.1	230/460	87	1
100	3600	365JP	<b>VJPFPM2550T</b>	8,245	PF3	33.50	523	93	230/460	113	1
		365JP	<b>VJPFPM2550T-2/4</b>	8,245	PF3	33.50	523	93	200/400	130	1, 33

(a) See notes on inside back flap

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>575 volt</b>											
20	3600	254JP	<b>VJPFPM2514T-5</b>	2,389	PF3	27.66	145	90.2	575	18.5	
	1800	256JP	<b>VJPFPM2515T-5</b>	2,497	PF3	28.07	208	91.0	575	19.6	
25	3600	256JP	<b>VJPFPM2516T-5</b>	2,745	PF3	28.07	219	91.0	575	23	
	1800	284JP	<b>VJPFPM2531T-5</b>	3,062	PF3	31.44	322	92.4	575	23	
30	3600	284JP	<b>VJPFPM2534T-5</b>	3,250	PF3	29.23	266	91.0	575	28	
	1800	286JP	<b>VJPFPM2535T-5</b>	3,758	PF3	29.25	396	92.4	575	29	
40	3600	286JP	<b>VJPFPM2538T-5</b>	3,885	PF3	31.44	303	91.7	575	36	
	1800	324JP	<b>VJPFPM2539T-5</b>	4,519	PF3	31.13	530	93.0	575	39	
50	3600	324JP	<b>VJPFPM2542T-5</b>	4,841	PF3	31.13	396	92.4	575	46	
	1800	326JP	<b>VJPFPM2543T-5</b>	5,030	PF3	32.13	396	93.0	575	49	
60	3600	326JP	<b>VJPFPM2546T-5</b>	5,730	PF3	32.13	380	93.0	575	54	
	1800	364JP	<b>VJPFPM2547T-5</b>	6,232	PF3	32.50	475	93.6	575	57	
75	3600	364JP	<b>VJPFPM2549T-5</b>	7,728	PF3	32.50	648	93.0	575	67	
	1800	365JP	<b>VJPFPM2551T-5</b>	7,275	PF3	34.50	565	94.1	575	69	
100	3600	365JP	<b>VJPFPM2550T-5</b>	8,245	PF3	33.50	523	93.0	575	90	

(a) See notes on inside back flap.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

## Jet pump, single phase, TEFC

1/3 thru 2 Hp

IP44



### 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:

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Foot mounted</b>											
1/3	1800	56J	<b>CJL3501A</b>	455	PJ1	11.84	23	60	115/230	3	30
1/2	1800	56J	<b>CJL3504A</b>	536	PJ1	12.47	28	68	115/230	3.7	30
3/4	1800	56J	<b>CJL3507A</b>	653	PJ1	12.97	35	74	115/230	4.1	30
1	3600	56J	<b>CJL3509A</b>	661	PJ1	13.74	39	66	115/230	6	30
1 1/2	3600	56J	<b>CJL3513A</b>	726	PJ1	13.74	47	70	115/230	8.3	30
2	3600	56J	<b>CJL3515A</b>	853	PJ1	14.62	51	74	115/230	11.5	30
<b>Footless</b>											
1/3	3600	56J	<b>JL3405A</b>	337	PJ1	11.85	19	60	115/230	3	30
	1800	56J	<b>JL3501A</b>	421	PJ1	11.85	22	60	115/230	3	30
1/2	3600	56J	<b>JL3503A</b>	386	PJ1	12.85	26	62	115/230	3.7	30
	1800	56J	<b>JL3504A</b>	489	PJ1	12.85	27	68	115/230	3.7	30
3/4	3600	56J	<b>JL3506A</b>	460	PJ1	12.85	29	66	115/230	5.4	30
	1800	56J	<b>JL3507A</b>	580	PJ1	12.97	33	74	115/230	4.1	30
1	3600	56J	<b>JL3509A</b>	562	PJ1	13.74	42	66	115/230	6	30
	1800	56J	<b>JL3510A</b>	666	PJ1	13.74	40	67	115/230	6.2	30
1 1/2	3600	56J	<b>JL3513A</b>	666	PJ1	13.74	45	70	115/230	8.3	30
	1800	56J	<b>JL3514A</b>	730	PJ1	14.62	51	75.5	115/230	8	30
2	3600	56J	<b>JL3515A</b>	782	PJ1	14.62	54	74	115/230	11.5	30
	1800	56J	<b>JL3516A</b>	831	PJ1	14.62	52	78	115/230	8.6	20, 30

(a) See notes on inside back flap.

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

**All above ratings can be UL 1081 compliant through MOD Express®.**

**See M30A in the MOD Express program section of this catalog for more details.**

## Jet pump, single phase, ODP

### 1/3 thru 3 Hp

IP23



#### 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
- Optimized airflow design providing higher horsepower in a smaller package

#### Applications:

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Foot mounted</b>											
1/3	3600	56J	<b>CJL1205A</b>	332	PJ1	11.91	23	58	115/230	3.1	
	1800	56J	<b>CJL1301A</b>	497	PJ1	11.89	23	60	115/208-230	3	30
1/2	3600	56J	<b>CJL1303A</b>	344	PJ1	12.51	30	66	115/230	3.7	
	1800	56J	<b>CJL1304A</b>	562	PJ1	12.14	25	62	115/230	4.2	30
3/4	3600	56J	<b>CJL1306A</b>	439	PJ1	13.39	30	69	115/230	5.5	
	1800	56J	<b>CJL1307A</b>	644	PJ1	12.25	35	63	115/230	5.4	
1	3600	56J	<b>CJL1309A</b>	450	PJ1	13.89	32	65	115/208-230	7	30
1 1/2	3600	56J	<b>CJL1313A</b>	624	PJ1	13.89	37	78.5	115/230	6.5	
2	3600	56J	<b>CJL1317A</b>	835	PJ1	13.25	45	70	115/230	13	30
<b>Footless</b>											
1/3	3600	56J	<b>JL1205A</b>	291	PJ1	11.89	25	58	115/230	3.1	
	1800	56J	<b>JL1301A</b>	335	PJ1	11.89	23	60	115/230	3	30
1/2	3600	56J	<b>JL1303A</b>	327	PJ1	12.51	26	66	115/230	3.7	
	1800	56J	<b>JL1304A</b>	394	PJ1	12.14	25	62	115/230	4.2	30
3/4	3600	56J	<b>JL1306A</b>	430	PJ1	13.39	33	69	115/230	5.5	
	1800	56J	<b>JL1307A</b>	497	PJ1	13.89	33	68	115/230	5.1	30
1	3600	56J	<b>JL1309A</b>	446	PJ1	13.89	32	65	115/230	7	30
1 1/2	3600	56J	<b>JL1313A</b>	622	PJ1	13.89	36	78.5	115/230	6.5	
2	3600	56J	<b>JL1317A</b>	767	PJ1	13.25	45	70	115/230	13	30
3	3600	56J	<b>JL1323A</b>	787	PJ1	14.13	52	82.5	230	13	30

(a) See notes on inside back flap.

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

**All above ratings can be UL 1081 compliant through MOD Express®.**

**See M30A in the MOD Express program section of this catalog for more details.**

## Jet pump, three phase, TEFC

### 1/3 thru 3 Hp

IP44



#### Features:

- Corrosion resistant stainless steel shaft extension
- Slotted opposite DE shaft for easy installation
- Dynamically balanced rotor to reduce noise and increase bearing life

#### Applications:

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Footless</b>											
1/3	3600	56J	<b>JM3457</b>	351	PJ3	11.84	19	62	230/460	0.8	30
	1800	56J	<b>JM3458</b>	380	PJ3	11.84	21	68	230/460	0.8	30
1/2	3600	56J	<b>JM3460</b>	380	PJ3	11.84	21	70	230/460	1.2	30
	1800	56J	<b>JM3461</b>	448	PJ3	11.84	23	74	230/460	1	30
3/4	3600	56J	<b>JM3463</b>	416	PJ3	11.84	23	74	208-230/460	1.5	
	1800	56J	<b>JM3542</b>	484	PJ3	11.84	26	75.5	208-230/460	1.5	
1	3600	56J	<b>EJM3545</b>	651	PJ3	12.47	27	77	230/460	1.6	30
	1800	56J	<b>EJM3546</b>	748	PJ3	13.74	37	85.5	230/460	1.7	30
1 1/2	3600	56J	<b>EJM3550</b>	736	PJ3	12.72	38	84	230/460	1.9	30
	1800	56J	<b>EJM3554</b>	830	PJ3	13.74	41	86.5	230/460	2.3	1, 30
2	3600	56J	<b>EJM3555</b>	805	PJ3	13.74	41	85.5	230/460	2.5	30
	1800	56J	<b>EJM3558</b>	877	PJ3	14.62	48	86.5	230/460	2.9	1, 30
3	3600	56J	<b>EJM3559</b>	881	PJ3	14.62	50	86.5	230/460	3.6	1, 30
<b>Foot mounted</b>											
1/2	1800	56J	<b>CJM3538</b>	475	PJ3	11.84	23	74	230/460	1	30
3/4	1800	56J	<b>CJM3542</b>	503	PJ3	11.84	25	75.5	208-230/460	1.5	
<b>575 volts</b>											
1/2	3600	56J	<b>JM3460-5</b>	380	PJ3	11.84	21	68	575	1	
3/4	3600	56J	<b>JM3463-5</b>	416	PJ3	11.84	23	74	575	1.2	
1	3600	56J	<b>EJM3545-5</b>	651	PJ3	12.47	27	77	575	1.2	
2	3600	56J	<b>EJM3555-5</b>	805	PJ3	13.74	41	85.5	575	2	
3	3600	56J	<b>EJM3559-5</b>	881	PJ3	14.62	50	86.5	575	2.9	

(a) See notes on inside back flap.

All above ratings can be UL 1081 compliant through MOD Express®.  
See M30A in the MOD Express program section of this catalog for more details.



## Jet pump, three phase, ODP

### 1/3 thru 3 Hp

IP23



#### 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

#### Applications:

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Footless</b>											
1/3	3600	56J	<b>JM3006</b>	320	PJ3	11.72	19	62	230/460	0.8	30
	3600	56J	<b>JM3107</b>	338	PJ3	11.72	21	70	230/460	1.2	30
1/2	1800	56J	<b>JM3108</b>	404	PJ3	11.85	23	74	230/460	1	30
	3600	56J	<b>JM3111</b>	401	PJ3	11.72	23	74	208-230/460	1.5	
3/4	1800	56J	<b>JM3112</b>	446	PJ3	12.34	27	75.5	208-230/460	1.5	
	3600	56J	<b>JM3115</b>	446	PJ3	12.34	32	77	230/460	1.6	30
1	1800	56J	<b>JM3116</b>	489	PJ3	13.22	30	78.5	208-230/460	1.7	1
	3600	56J	<b>JM3120</b>	532	PJ3	13.22	30	74	230/460	2.2	30
1 1/2	1800	56J	<b>JM3154</b>	582	PJ3	13.72	34	77	208-230/460	2.8	
	3600	56J	<b>JM3155</b>	632	PJ3	13.72	35	82.5	230/460	2.7	30
3	3600	56J	<b>JM3158</b>	750	PJ3	13.72	42	80	208-230/460	4	
<b>Foot mounted</b>											
1/3	1800	56J	<b>CJM3104</b>	383	PJ3	11.85	22	68	230/460	0.8	30
	3600	56J	<b>CJM3107</b>	351	PJ3	11.72	22	70	230/460	1.2	30
1/2	1800	56J	<b>CJM3108</b>	428	PJ3	11.72	24	74	230/460	1	30
	3600	56J	<b>CJM3111</b>	401	PJ3	11.72	28	74	208-230/460	1.5	
3/4	1800	56J	<b>CJM3112</b>	459	PJ3	12.34	27	75.5	208-230/460	1.5	
	3600	56J	<b>CJM3115</b>	448	PJ3	12.34	29	77	230/460	1.6	30
1 1/2	3600	56J	<b>CJM3120</b>	546	PJ3	13.22	31	81.5	230/460	2	30
	3600	56J	<b>CJM3155</b>	649	PJ3	13.72	34	82.5	230/460	2.7	30
3	3600	56J	<b>CJM3158</b>	768	PJ3	13.74	41	80	208-230/460	4	

(a) See notes on inside back flap.

**All above ratings can be UL 1081 compliant through MOD Express®.**

**See M30A in the MOD Express program section of this catalog for more details.**

## Washdown, jet pump, three phase, TEFC, C-Face

3/4 thru 3 Hp

IP55



### Features:

- 300 series stainless steel hardware and shaft extension
- Footless
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Easy removable drain plugs

### Applications:

- Food processing
- Wet environment
- Pumps and wastewater

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Footless</b>											
3/4	3600	56J	<b>JWDM3463</b>	666	WDW	12.72	33	68	208-230/460	1.4	1, 30
1	3600	56J	<b>JEWDM3545</b>	1,052	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	<b>JEWDM3550</b>	1,111	WDW	13.72	41	84	208-230/460	2	1, 30
2	3600	56J	<b>JEWDM3555</b>	1,234	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	<b>JEWDM3559</b>	1,463	WDW	15.97	64	87.5	208-230/460	3.5	1, 30
<b>Foot mounted</b>											
3/4	3600	56J	<b>CJWDM3463</b>	671	WDW	12.72	33	68	208-230/460	1.4	1, 30
1	3600	56J	<b>CJEWDM3545</b>	1,057	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	<b>CJEWDM3550</b>	1,117	WDW	13.72	41	84	208-230/460	2	1, 30
2	3600	56J	<b>CJEWDM3555</b>	1,239	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	<b>CJEWDM3559</b>	1,468	WDW	15.98	64	87.5	208-230/460	3.5	1, 30

(a) See notes on inside back flap.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

## Square flange pump, ODP

1/2 thru 2 Hp

IP23



### 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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Single phase</b>											
1/2	3600	56Y	<b>JSL325A</b>	376	PJ1	11.35	24	70	115/230	3.3	30
3/4	3600	56Y	<b>JSL425A</b>	399	PJ1	11.97	26	62	115/230	5.1	30
1	3600	56Y	<b>JSL525A</b>	426	PJ1	12.72	30	70	115/230	6.3	30
1 1/2	3600	56YZ	<b>JSL625A</b>	580	PJ1	14.44	42	72	115/230	9	30
2	3600	56YZ	<b>JSL725A</b>	582	PJ1	14.44	47	74	115/230	11	30
<b>Three phase</b>											
1/2	3600	56YZ	<b>JSM3107</b>	338	PJ3	11.40	21	70	230/460	1.2	30
3/4	3600	56YZ	<b>JSM3111</b>	400	PJ3	11.40	24	74	208-230/460	1.5	
1	3600	56YZ	<b>JSM3115</b>	443	PJ3	12.02	27	77	230/460	1.6	30
1 1/2	3600	56YZ	<b>JSM3120</b>	528	PJ3	12.77	31	81.5	230/460	2	30
2	3600	56YZ	<b>JSM3155</b>	625	PJ3	13.40	35	82.5	230/460	2.7	30

(a) See notes on inside back flap.

## Close-coupled pump, single phase

3 thru 10 Hp

TEFC  
IP44

ODP  
IP23



### 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:

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Totally enclosed fan cooled, mechanical seal, Type JM</b>											
3	3600	182JM	<b>JML3606T</b>	1,113	PC1	18.06	79	76	115/230	14.5	1, 30
5	3600	184JM	<b>JML3608T</b>	1,483	PC1	19.55	93	83	230	19.5	2, 20
<b>Open drip proof, mechanical seal, Type JM</b>											
3	3600	182JM	<b>JML1406T</b>	1,062	PC1	16.50	69	78	115/208-230	14	
	1800	184JM	<b>JML1408T</b>	1,217	PC1	16.50	80	78	115/230	16	30
5	3600	184JM	<b>JML1409T</b>	1,499	PC1	16.50	81	80	230	21.5	1, 30
	1800	213JM	<b>JML1508T</b>	1,727	PC1	18.19	115	77	230	27	
7 1/2	3600	213JM	<b>JML1509T</b>	2,150	PC1	18.19	116	81	230	37	30
	1800	215JM	<b>JML1510T</b>	2,274	PC1	19.31	142	85.5	230	31	30
10	3600	215JM	<b>JML1511T</b>	2,644	PC1	19.31	141	83	230	46	20, 30
	1800	215JM	<b>JML1512T</b>	2,815	PC1	20.95	150	84	230	41	20, 30
<b>Open drip proof, packed pump, Type JP</b>											
3	3600	182JP	<b>JPL1406T</b>	1,062	PC1	19.57	76	78	115/230	14	30
	1800	184JP	<b>JPL1408T</b>	1,217	PC1	19.57	87	78	115/230	16	30
5	3600	184JP	<b>JPL1409T</b>	1,499	PC1	19.57	88	80	230	21.5	1, 30
	1800	213JP	<b>JPL1508T</b>	1,727	PC1	22.07	117	77	230	27	
7 1/2	3600	213JP	<b>JPL1509T</b>	2,150	PC1	22.07	121	81	230	37	30
	1800	215JP	<b>JPL1510T</b>	2,274	PC1	23.19	143	85.5	230	31	30
10	3600	215JP	<b>JPL1511T</b>	2,644	PC1	23.19	148	83	230	46	20, 30
	1800	215JP	<b>JPL1512T</b>	2,815	PC1	20.95	142	84	230	41	20, 30
<b>Open drip proof, west coast fit, Type TCZ</b>											
3	3600	182TCZ	<b>WCL1406T</b>	1,069	PC1	19.69	81	78	115/230	14	30
	1800	184TCZ	<b>WCL1408T</b>	1,226	PC1	19.69	91	78	115/230	16	30
5	3600	184TCZ	<b>WCL1409T</b>	1,513	PC1	19.69	91	75	230	23	1, 30
	1800	213TCZ	<b>WCL1508T</b>	1,742	PC1	21.25	116	77	230	27	
7 1/2	3600	213TCZ	<b>WCL1509T</b>	2,164	PC1	21.25	117	81	230	37	30
10	3600	215TCZ	<b>WCL1511T</b>	2,669	PC1	22.38	143	83	230	46	20, 30

(a) See notes on inside back flap.

# Close-coupled pump, three phase, foot mounted, with internal Aegis® Bearing Protection Ring

1 thru 50 hp



<b>TEFC</b> <b>IP44</b>	<b>ODP</b> <b>IP23</b>
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**Features:**

- Internal grounding brush for bearing current mitigation on DE retainer ring
- Class H insulation for increased protection on Inverter use
- 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
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

**Applications:**

- Commercial pumps
- Pairing with a speed drive
- General purpose pumps
- Industrial pumps
- Food and beverage
- Agricultural

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Totally enclosed fan cooled</b>											
1	1800	143JM	<b>EJMM3546T-G</b>	922	PC3	15.41	37	85.5	230/460	1.5	30
1 1/2	3600	143JM	<b>EJMM3550T-G</b>	917	PC3	15.41	38	86.5	230/460	1.9	30
	1800	143JM	<b>EJMM3554T-G</b>	1,066	PC3	15.41	41	84	230/460	2.2	30
2	3600	145JM	<b>EJMM3555T-G</b>	1,041	PC3	15.41	41	85.5	230/460	2.5	30
	1800	145JM	<b>EJMM3558T-G</b>	1,113	PC3	15.41	45	86.5	230/460	2.9	30
3	3600	182JM	<b>EJMM3610T-G</b>	1,157	PC3	16.91	60	86.5	230/460	3.6	30
	1800	182JM	<b>EJMM3611T-G</b>	1,252	PC3	18.06	76	89.5	230/460	4.2	30
5	3600	184JM	<b>EJMM3613T-G</b>	1,333	PC3	18.06	81	88.5	230/460	5.9	30
	1800	184JM	<b>EJMM3615T-G</b>	1,255	PC3	19.56	93	89.5	230/460	6.7	30
7 1/2	3600	213JM	<b>EJMM3709T-G</b>	1,735	PC3	19.76	124	89.5	230/460	9	30
	1800	213JM	<b>EJMM3710T-G</b>	1,854	PC3	20.89	134	91.7	230/460	9.4	30
10	3600	215JM	<b>EJMM3711T-G</b>	1,953	PC3	19.76	124	90.2	230/460	11.8	30
	1800	215JM	<b>EJMM3714T-G</b>	2,133	PC3	22.38	165	91.7	230/460	12	30
15	3600	254JM	<b>EJMM2394T-G</b>	3,384	PC3	25.30	260	91	230/460	17.5	30
	1800	254JM	<b>EJMM2333T-G</b>	3,357	PC3	25.30	265	92.4	230/460	18.1	30
20	3600	256JM	<b>EJMM4106T-G</b>	3,697	PC3	25.30	274	91	230/460	23	30
	1800	256JM	<b>EJMM2334T-G</b>	3,750	PC3	25.30	308	93	230/460	24	30
25	3600	284JM	<b>EJMM4107T-G</b>	4,349	PC3	26.96	265	91.7	230/460	29	30
	1800	284JM	<b>EJMM4103T-G</b>	4,207	PC3	26.96	437	93.6	230/460	31	30
30	3600	286JM	<b>EJMM4108T-G</b>	6,046	PC3	26.96	299	91.7	230/460	34	30
	1800	286JM	<b>EJMM4104T-G</b>	5,691	PC3	28.64	437	93.6	230/460	38	30
40	3600	324JM	<b>EJMM4109T-G</b>	6,411	PC3	30.64	470	92.4	230/460	45	30
	1800	324JM	<b>EJMM4110T-G</b>	6,977	PC3	30.64	578	94.1	230/460	48	30
50	3600	326JM	<b>EJMM4114T-G</b>	7,733	PC3	30.65	575	93	230/460	56	30
	1800	326JM	<b>EJMM4115T-G</b>	7,837	PC3	30.65	700	94.5	230/460	58	30

(a) See notes on inside back flap.

■ Cast iron frame

Red catalog number indicates **NEW** product.

Information  
Single phase  
General purpose  
Severe duty  
Large AC  
Washdown duty  
Explosion proof  
Pump  
HVAC  
Farm duty

**Close-coupled pump, three phase, foot mounted, with internal Aegis® Bearing Protection Ring**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Open drip proof</b>											
1	1800	143JM	<b>EJMM3116T-G</b>	873	PC3	13.75	37	85.5	230/460	1.5	30
1 1/2	1800	145JM	<b>EJMM3154T-G</b>	931	PC3	13.75	41	86.5	230/460	2.2	30
2	1800	145JM	<b>EJMM3157T-G</b>	1,003	PC3	14.25	44	86.5	230/460	2.9	30
3	3600	145JM	<b>EJMM3158T-G</b>	1,116	PC3	15.13	51	85.5	230/460	3.8	30
	1800	182JM	<b>EJMM3211T-G</b>	1,134	PC3	16.50	74	89.5	230/460	4.2	30
5	3600	182JM	<b>EJMM3212T-G</b>	1,340	PC3	15.12	64	86.5	230/460	6	30
	1800	184JM	<b>EJMM3218T-G</b>	1,255	PC3	18.00	88	89.5	230/460	6.6	30
7 1/2	3600	184JM	<b>EJMM3219T-G</b>	1,546	PC3	16.50	78	88.5	230/460	8.6	30
	1800	213JM	<b>EJMM3311T-G</b>	1,831	PC3	18.19	120	91	230/460	9.7	30
10	3600	213JM	<b>EJMM3312T-G</b>	1,984	PC3	18.19	121	89.5	230/460	12	30
	1800	215JM	<b>EJMM3313T-G</b>	1,959	PC3	19.31	132	91.7	230/460	12.5	30
15	3600	215JM	<b>EJMM3314T-G</b>	2,479	PC3	18.19	134	90.2	230/460	17.5	30
	1800	254JM	<b>EJMM2513T-G</b>	2,804	PC3	23.19	213	93	230/460	17.7	30
20	3600	254JM	<b>EJMM2514T-G</b>	3,045	PC3	23.19	185	91	230/460	23.5	30
	1800	256JM	<b>EJMM2515T-G</b>	3,260	PC3	24.69	255	93	230/460	24	30
25	3600	256JM	<b>EJMM2516T-G</b>	3,850	PC3	23.19	233	91.7	230/460	28	30
	1800	284JM	<b>EJMM2531T-G</b>	3,958	PC3	25.94	377	93.6	230/460	30	30
30	3600	284JM	<b>EJMM2534T-G</b>	4,512	PC3	24.69	320	91.7	230/460	35	30
	1800	286JM	<b>EJMM2535T-G</b>	4,570	PC3	26.94	378	94.1	230/460	36	30
40	3600	286JM	<b>EJMM2538T-G</b>	5,493	PC3	24.69	330	92.4	230/460	46	30
	1800	324JM	<b>EJMM2539T-G</b>	5,820	PC3	27.44	378	94.1	230/460	49	30
50	3600	324JM	<b>EJMM2542T-G</b>	6,080	PC3	27.44	375	93	230/460	56	30
	1800	326JM	<b>EJMM2543T-G</b>	6,287	PC3	27.94	497	94.5	230/460	57	30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

# Close-coupled pump, three phase, TEFC

1 thru 50 Hp

**IP44**



**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
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

**Applications:**

- General purpose pumps
- Industrial applications
- Commercial pumps
- Food and beverage
- Wastewater
- Agricultural
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>230/460 volts</b>											
1	1800	143JM	<b>EJMM3546T</b>	827	PC3	15.43	40	85.5	230/460	1.5	1, 30
	3600	143JM	<b>EJMM3550T</b>	822	PC3	15.43	47	84	230/460	1.9	1, 30
1 1/2	1800	145JM	<b>EJMM3554T</b>	881	PC3	15.43	44	86.5	230/460	2.2	1, 30
	3600	145JM	<b>EJMM3555T</b>	946	PC3	15.43	47	85.5	230/460	2.5	1, 30
2	1800	145JM	<b>EJMM3558T</b>	1,066	PC3	15.43	50	86.5	230/460	2.9	1, 30
	3600	145JM	<b>EJMM3559T</b>	1,022	PC3	16.31	54	86.5	230/460	3.6	1, 30
3	1800	182JM	<b>EJMM3610T</b>	1,210	PC3	16.81	56	86.5	230/460	3.6	1, 30
	3600	182JM	<b>EJMM3611T</b>	1,146	PC3	18.06	76	89.5	230/460	4.2	1, 30
5	1800	184JM	<b>EJMM3613T</b>	1,234	PC3	18.06	79	88.5	230/460	5.9	1, 30
	3600	184JM	<b>EJMM3615T</b>	1,047	PC3	19.56	93	89.5	230/460	6.7	1, 30
7 1/2	1800	213JM	<b>EJMM3709T</b>	1,474	PC3	19.76	125	89.5	230/460	9	1, 30
	3600	213JM	<b>EJMM3710T</b>	1,660	PC3	20.88	134	91.7	230/460	9.4	1, 30
10	1800	215JM	<b>EJMM3711T</b>	1,819	PC3	19.76	130	90.2	230/460	11.8	1, 30
	3600	215JM	<b>EJMM3714T</b>	1,872	PC3	22.39	165	91.7	230/460	12	1, 30
15	1800	254JM	<b>EJMM2394T</b>	3,234	PC3	25.30	257	91	230/460	17.5	1, 30
	3600	254JM	<b>EJMM2333T</b>	3,064	PC3	25.30	265	92.4	230/460	18.5	1, 30
20	1800	256JM	<b>EJMM4106T</b>	3,480	PC3	25.30	281	91	230/460	23	1, 30
	3600	256JM	<b>EJMM2334T</b>	3,510	PC3	28.16	304	93	230/460	24	1, 30

(a) See notes on inside back flap.

■ Cast iron frame

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

## Close-coupled pump, three phase, TEFC

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>230/460 volts (continued)</b>											
25	3600	284JM	<b>EJMM4107T</b>	3,955	PC3	26.96	353	91.7	230/460	29	20, 30
		284JP	<b>EJPM4107T</b>	3,955	PC3	29.84	349	91.7	230/460	29	20, 30
	1800	284JM	<b>EJMM4103T</b>	4,097	PC3	28.64	387	93.6	230/460	30	1, 30
		284JP	<b>EJPM4103T</b>	4,097	PC3	31.51	412	93.6	230/460	30	1, 30
30	3600	286JM	<b>EJMM4108T</b>	5,439	PC3	28.64	406	91.7	230/460	33	1, 30
		286JP	<b>EJPM4108T</b>	5,439	PC3	31.51	405	91.7	230/460	35	1, 30
	1800	286JM	<b>EJMM4104T</b>	5,794	PC3	28.64	422	93.6	230/460	36	1, 30
		286JP	<b>EJPM4104T</b>	5,794	PC3	31.51	452	93.6	230/460	36	1, 30
40	3600	324JM	<b>EJMM4109T</b>	6,159	PC3	30.64	487	92.4	230/460	45	1, 30
		324JP	<b>EJPM4109T</b>	6,159	PC3	33.51	498	92.4	230/460	45	1, 30
	1800	324JM	<b>EJMM4110T</b>	6,725	PC3	30.65	586	94.1	230/460	48	1, 30
		324JP	<b>EJPM4110T</b>	6,725	PC3	33.41	602	94.1	230/460	48	1, 30
50	3600	326JM	<b>EJMM4114T</b>	7,481	PC3	30.65	595	93	230/460	56	1, 30
		326JP	<b>EJPM4114T</b>	7,481	PC3	33.41	604	93	230/460	56	1, 30
	1800	326JM	<b>EJMM4115T</b>	7,585	PC3	30.65	624	94.5	230/460	58	1, 30
		326JP	<b>EJPM4115T</b>	7,585	PC3	33.41	646	94.5	230/460	58	1, 30
<b>575 volts</b>											
1	1800	143JM	<b>EJMM3546T-5</b>	889	PC3	15.43	38	85.5	575	1.2	1
1 1/2	3600	143JM	<b>EJMM3550T-5</b>	877	PC3	15.41	38	84	575	1.5	
	1800	145JM	<b>EJMM3554T-5</b>	971	PC3	15.43	41	86.5	575	1.8	1
2	3600	145JM	<b>EJMM3555T-5</b>	946	PC3	15.41	41	85.5	575	2	
	1800	145JM	<b>EJMM3558T-5</b>	1,018	PC3	15.43	45	86.5	575	2.3	1
3	3600	145JM	<b>EJMM3559T-5</b>	1,022	PC3	16.29	50	86.5	575	2.9	1
	1800	182JM	<b>EJMM3610T-5</b>	1,138	PC3	16.69	63	86.5	575	2.9	
5	1800	182JM	<b>EJMM3611T-5</b>	1,146	PC3	18.06	70	89.5	575	3.3	1
	3600	184JM	<b>EJMM3613T-5</b>	1,234	PC3	18.06	74	88.5	575	4.7	1
7 1/2	1800	184JM	<b>EJMM3615T-5</b>	1,175	PC3	19.56	93	89.5	575	5.3	1
	3600	184JM	<b>EJMM3616T-5</b>	1,546	PC3	19.56	96	89.5	575	6.8	1
10	1800	213JM	<b>EJMM3710T-5</b>	1,660	PC3	20.88	127	91.7	575	7.6	1, 35
	3600	215JM	<b>EJMM3711T-5</b>	1,819	PC3	19.76	118	90.2	575	9.5	20
	1800	215JM	<b>EJMM3714T-5</b>	1,831	PC3	22.38	165	91.7	575	9.6	1, 35
	3600	215JM	<b>EJMM3713T-5</b>	2,429	PC3	22.38	169	91	575	13.4	1
15	3600	254JM	<b>EJMM2394T-5</b>	3,234	PC3	23.07	225	91	575	13.5	1, 35
	1800	254JM	<b>EJMM2333T-5</b>	3,020	PC3	25.30	268	92.4	575	14.6	1, 35

(a) See notes on inside back flap.

■ Cast iron frame



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

1 thru 20 Hp

IP44



### 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
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

### Applications:

- General purpose pumps
- Industrial applications
- Commercial pumps
- Food and beverage
- Wastewater
- Agricultural
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>230/460 volts</b>											
1	1800	143JM	VEJMM3546T	691	PC3	14.43	38	85.5	230/460	1.5	1, 30
1 1/2	1800	145JM	VEJMM3554T	729	PC3	15.43	45	86.5	230/460	2.2	1, 30
2	1800	145JM	VEJMM3558T	873	PC3	15.43	44	86.5	230/460	2.9	1, 30
3	1800	182JM	VEJMM3611T	996	PC3	18.05	74	89.5	230/460	4.2	1, 30
5	1800	184JM	VEJMM3615T	1,175	PC3	19.55	90	89.5	230/460	6.7	1, 30
	3600	213JM	VEJMM3709T	1,799	PC3	19.76	121	89.5	230/460	9	1, 30
7 1/2	1800	213JM	VEJMM3710T	1,682	PC3	20.92	136	91.7	230/460	9.4	1, 30
10	1800	215JM	VEJMM3714T	1,948	PC3	22.40	165	91.7	230/460	12	1, 30
15	1800	254JM	VEJMM2333T	3,297	PC3	25.28	278	92.4	230/460	18.1	1, 30
20	1800	256JM	VEJMM2334T	3,510	PC3	25.28	303	93	230/460	24	1, 30
<b>575 volts</b>											
1	1800	143JM	VEJMM3546T-5	889	PC3	15.43	38	86.5	575	1.1	1
1 1/2	1800	145JM	VEJMM3554T-5	971	PC3	16.31	41	86.5	575	1.6	1
2	1800	145JM	VEJMM3558T-5	1,018	PC3	15.43	45	86.5	575	2.2	1
3	1800	182JM	VEJMM3611T-5	1,146	PC3	18.05	70	89.5	575	3.1	1
5	1800	184JM	VEJMM3615T-5	1,175	PC3	19.55	93	89.5	575	5.3	1
7 1/2	1800	213JM	VEJMM3710T-5	1,660	PC3	20.92	127	91.7	575	7.6	1, 35
10	1800	215JM	VEJMM3714T-5	1,831	PC3	22.42	165	91.7	575	9.6	1, 35
15	1800	254JM	VEJMM2333T-5	3,020	PC3	25.28	255	92.4	575	14.6	1, 35
20	1800	256JM	VEJMM2334T-5	3,510	PC3	25.28	303	93	575	19.2	1, 35

(a) See notes on inside back flap.

■ Cast iron frame

## Close-coupled pump, three phase, ODP

1 thru 75 Hp

IP23



### Features:

- Rodent screens to protect against trash debris
- 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
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

### Applications:

- General purpose pumps
- Industrial applications
- Commercial pumps
- Food and beverage
- Wastewater
- Agricultural
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Foot mounted, 230/460</b>											
1	1800	143JM	<b>EJMM3116T</b>	707	PC3	13.75	38	85.5	230/460	1.5	1, 30
		143JP	<b>EJPM3116T</b>	862	PC3	16.81	38	85.5	230/460	1.5	1, 30
	3600	143JM	<b>EJMM3120T</b>	763	PC3	13.75	34	84	230/460	2	1, 30
1 1/2	1800	145JM	<b>EJMM3154T</b>	765	PC3	13.75	38	86.5	230/460	2.2	1, 30
		145JP	<b>EJPM3154T</b>	894	PC3	16.81	37	86.5	230/460	2.2	1, 30
2	3600	145JM	<b>EJMM3155T</b>	869	PC3	13.75	44	85.5	230/460	2.5	1, 30
		145JP	<b>EJPM3155T</b>	947	PC3	17.31	43	86.5	230/460	2.9	1, 30
	1800	145JM	<b>EJMM3157T</b>	837	PC3	14.25	44	86.5	230/460	2.9	1, 30
3	3600	145JM	<b>EJMM3158T</b>	950	PC3	15.13	49	85.5	230/460	3.8	1, 30
		145JP	<b>EJPM3158T</b>	878	PC3	17.31	48	85.5	230/460	3.8	1, 30
	1800	182JM	<b>EJMM3211T</b>	926	PC3	16.50	72	89.5	230/460	4.2	1, 30
5	1800	182JP	<b>EJPM3211T</b>	1,114	PC3	19.56	74	89.5	230/460	4.2	1, 30
		182JM	<b>EJMM3212T</b>	1,132	PC3	15.12	64	86.5	230/460	6	1, 30
	3600	182JP	<b>EJPM3212T</b>	1,050	PC3	18.18	63	86.5	230/460	6	1, 30
	182TCZ	<b>EWCM3212T</b>	1,027	PC3	18.32	63	86.5	230/460	6	1, 30	
	1800	184JM	<b>EJMM3218T</b>	1,047	PC3	18.00	87	89.5	230/460	6.6	1, 30
	184JP	<b>EJPM3218T</b>	1,196	PC3	21.06	92	89.5	230/460	6.6	1, 30	
7 1/2	1200	215JM	<b>EJMM3309T</b>	1,785	PC3	19.31	141	89.5	230/460	7.4	1, 30
		184JM	<b>EJMM3219T</b>	1,338	PC3	16.50	78	88.5	230/460	8.6	1, 30
	3600	184JP	<b>EJPM3219T</b>	1,515	PC3	19.56	77	88.5	230/460	8.6	1, 30
10	1800	184TCZ	<b>EWCM3219T</b>	1,492	PC3	19.69	77	88.5	230/460	8.6	1, 30
		213JM	<b>EJMM3311T</b>	1,715	PC3	18.19	120	91	230/460	9.7	1, 30
	213JP	<b>EJPM3311T</b>	1,715	PC3	20.94	130	91	230/460	9.3	1, 30	
	1200	254JM	<b>EJMM2506T</b>	2,453	PC3	24.69	248	90.2	230/460	11	1, 30
	213JM	<b>EJMM3312T</b>	1,774	PC3	18.19	120	89.5	230/460	12	1, 30	
	213JP	<b>EJPM3312T</b>	1,774	PC3	22.07	122	89.5	230/460	12	1, 30	
15	3600	213TCZ	<b>EWCM3312T</b>	1,739	PC3	21.25	121	89.5	230/460	12	1, 30
		215JM	<b>EJMM3313T</b>	1,698	PC3	19.31	136	91.7	230/460	12.5	1, 30
	215JP	<b>EJPM3313T</b>	1,698	PC3	23.20	138	91.7	230/460	12.5	1, 30	
	1200	256JM	<b>EJMM2511T</b>	2,977	PC3	24.69	255	91.7	230/460	14.3	1, 30
	215JM	<b>EJMM3314T</b>	2,379	PC3	18.19	131	90.2	230/460	17.5	1, 30	
	215JP	<b>EJPM3314T</b>	2,379	PC3	22.07	134	90.2	230/460	17.5	1, 30	
20	3600	215TCZ	<b>EWCM3314T</b>	2,344	PC3	21.25	131	90.2	230/460	17.5	1, 30
		254JM	<b>EJMM2513T</b>	2,511	PC3	23.19	214	93	230/460	17.7	1, 30
	1800	254JP	<b>EJPM2513T</b>	2,511	PC3	26.06	219	93	230/460	17.7	1, 30
25	1200	284JM	<b>EJMM2524T</b>	3,907	PC3	24.69	300	91.7	230/460	20.5	1, 30
		254JM	<b>EJMM2514T</b>	2,793	PC3	23.19	195	91	230/460	23.5	1, 30
	3600	254JP	<b>EJPM2514T</b>	2,793	PC3	26.06	220	91	230/460	23.5	1, 30
25	1800	256JM	<b>EJMM2515T</b>	3,008	PC3	23.19	248	93	230/460	23.5	1, 30
		256JP	<b>EJPM2515T</b>	3,008	PC3	26.06	236	93	230/460	23.5	1, 30
	3600	256JM	<b>EJMM2516T</b>	3,598	PC3	23.19	219	91.7	230/460	28	1, 30
25	1800	256JP	<b>EJPM2516T</b>	3,598	PC3	26.06	230	91.7	230/460	28	1, 30
		284JM	<b>EJMM2531T</b>	3,578	PC3	25.94	317	93.6	230/460	30	1, 30
		284JP	<b>EJPM2531T</b>	3,578	PC3	28.81	335	93.6	230/460	30	1, 30

(a) See notes on inside back flap.

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Foot mounted, 230/460 (continued)</b>											
30	3600	284JM	<b>EJMM2534T</b>	4,260	PC3	26.56	309	91.7	230/460	33	1, 30
		284JP	<b>EJPM2534T</b>	4,260	PC3	29.44	310	91.7	230/460	33	1, 30
	1800	286JM	<b>EJMM2535T</b>	4,318	PC3	25.94	359	94.1	230/460	35	1, 30
		286JP	<b>EJPM2535T</b>	4,318	PC3	28.81	370	94.1	230/460	35	1, 30
40	3600	286JM	<b>EJMM2538T</b>	5,241	PC3	26.56	328	92.4	230/460	45	1, 30
		286JP	<b>EJPM2538T</b>	5,241	PC3	29.44	329	92.4	230/460	45	1, 30
	1800	324JM	<b>EJMM2539T</b>	5,568	PC3	27.44	417	94.1	230/460	49	1, 30
		324JP	<b>EJPM2539T</b>	5,568	PC3	30.31	378	94.1	230/460	47	1, 30
50	3600	324JM	<b>EJMM2542T</b>	5,828	PC3	26.94	421	93	230/460	58	1, 30
		324JP	<b>EJPM2542T</b>	5,828	PC3	29.81	424	93	230/460	58	1, 30
	1800	326JM	<b>EJMM2543T</b>	6,035	PC3	27.94	491	94.5	230/460	57	1, 30
		326JP	<b>EJPM2543T</b>	6,035	PC3	30.81	500	94.5	230/460	57	1, 30
60	3600	326JM	<b>EJMM2546T</b>	7,095	PC3	26.94	472	93.6	230/460	68	1, 30
	1800	364JP	<b>EJPM2547T</b>	7,451	PC3	33.19	565	95	230/460	68	1, 30
75	1800	365JP	<b>EJPM2551T</b>	8,878	PC3	36.22	597	95	230/460	87	1, 30
<b>Foot mounted, 575 volts</b>											
3	3600	145JM	<b>EJMM3158T-5</b>	878	PC3	14.25	48	85.5	575	3	
	1800	182JM	<b>EJMM3211T-5</b>	1,114	PC3	16.50	74	89.5	575	3.1	1
5	3600	182JM	<b>EJMM3212T-5</b>	1,050	PC3	16.50	63	90.2	575	4.5	
	1800	184JM	<b>EJMM3218T-5</b>	1,196	PC3	18.00	92	89.5	575	5.2	1
7 1/2	3600	184JM	<b>EJMM3219T-5</b>	1,515	PC3	16.50	77	88.5	575	6.9	1
	1800	213JM	<b>EJMM3311T-5</b>	1,715	PC3	18.19	120	91	575	7.4	1, 35
10	3600	213JM	<b>EJMM3312T-5</b>	1,774	PC3	19.31	137	91.7	575	9.2	
	1800	215JM	<b>EJMM3313T-5</b>	2,006	PC3	18.19	132	91.7	575	10	1
15	3600	215JM	<b>EJMM3314T-5</b>	2,379	PC3	19.31	131	90.2	575	14	1
<b>Footless, 230/460</b>											
1	1800	143JM	<b>VEJMM3116T</b>	707	PC3	14.43	37	85.5	230/460	1.5	1, 30
1 1/2	1800	145JM	<b>VEJMM3154T</b>	758	PC3	15.43	43	86.5	230/460	2.2	1, 30
2	1800	145JM	<b>VEJMM3157T</b>	829	PC3	15.43	46	86.5	230/460	2.9	1, 30
3	3600	145JM	<b>VEJMM3158T</b>	878	PC3	14.25	48	85.5	230/460	3.8	1, 30
	1800	184JM	<b>VEJMM3211T</b>	910	PC3	18.06	74	89.5	230/460	4.2	1, 30
5	3600	182JM	<b>VEJMM3212T</b>	1,050	PC3	16.66	63	86.5	230/460	6	1, 30
	1800	184JM	<b>VEJMM3218T</b>	1,030	PC3	19.56	84	89.5	230/460	6.6	1, 30
7 1/2	3600	184JM	<b>VEJMM3219T</b>	1,515	PC3	18.04	77	88.5	230/460	8.6	1, 30
	1800	213JM	<b>VEJMM3311T</b>	1,554	PC3	19.78	125	91	230/460	9.6	1, 30
10	3600	213JM	<b>VEJMM3312T</b>	1,774	PC3	18.19	121	89.5	230/460	12	1, 30
	1800	215JM	<b>VEJMM3313T</b>	1,682	PC3	22.41	165	91.7	230/460	12	1, 30
15	3600	215JM	<b>VEJMM3314T</b>	2,379	PC3	18.69	131	90.2	230/460	17.5	1, 30
<b>Footless, 575 volts</b>											
1	1800	143JM	<b>VEJMM3116T-5</b>	707	PC3	15.43	44.00	86.5	575	1.1	
1 1/2	1800	145JM	<b>VEJMM3154T-5</b>	758	PC3	16.31	51.00	86.5	575	1.6	
2	1800	145JM	<b>VEJMM3157T-5</b>	829	PC3	16.31	52.00	86.5	575	2.1	
3	1800	182JM	<b>VEJMM3211T-5</b>	910	PC3	18.06	74.00	89.5	575	3.1	
5	1800	184JM	<b>VEJMM3218T-5</b>	1,030	PC3	18.06	77.00	89.5	575	5.2	

(a) See notes on inside back flap.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

## Close-coupled pump, three phase, totally enclosed, foot mounted

1 thru 20 Hp

IP55



### Features:

- Oversized, double sealed ball bearings
- Locked DE bearing
- Neoprene gaskets
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- 300 series stainless steel hardware and shaft extension

### Applications:

- Water pumps commercial and industrial
- Food processing
- Wet environment

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	3600	143JM	TENV	<b>JMEWDM3545T</b>	1,093	WDW	15.41	35	84	230/460	1.4	1
	1800	143JM	TENV	<b>JMEWDM3546T</b>	1,141	WDW	14.25	39	85.5	230/460	1.5	1, 30
1 1/2	3600	143JM	TENV	<b>JMEWDM3550T</b>	1,147	WDW	14.28	48	85.5	208-230/460	2	1, 30
	1800	145JM	TENV	<b>JMEWDM3554T</b>	1,192	WDW	15.16	50	86.5	230/460	2.1	30
2	3600	145JM	TEFC	<b>JMEWDM3555T</b>	1,252	WDW	15.43	47	85.5	208-230/460	2.5	1, 30
	1800	145JM	TEFC	<b>JMEWDM3558T</b>	1,305	WDW	16.34	48	86.5	230/460	2.9	1, 30
3	3600	145JM	TEFC	<b>JMEWDM3559T</b>	1,529	WDW	16.31	50	86.5	230/460	3.6	1, 30
	1800	182JM	TEFC	<b>JMEWDM3611T</b>	1,712	WDW	18.05	70	89.5	230/460	4.2	1, 30
5	3600	184JM	TEFC	<b>JMEWDM3613T</b>	2,018	WDW	18.05	81	88.5	230/460	5.6	1, 30
		184JM	TEFC	<b>JMEWDM3613T-5</b>	2,018	WDW	18.05	74	88.5	575	4.7	10
	1800	184JM	TEFC	<b>JMEWDM3615T</b>	1,928	WDW	19.55	93	89.5	230/460	6.7	1, 30
7 1/2	3600	184JM	TEFC	<b>JMEWDM3616T</b>	2,391	WDW	19.55	96	89.5	230/460	8.4	1, 30
	1800	213JM	TEFC	<b>JMEWDM3710T</b>	2,423	WDW	20.91	151	91.7	230/460	9.5	1, 30
10	3600	215JM	TEFC	<b>JMEWDM3711T</b>	3,087	WDW	20.91	130	90.2	208-230/460	10.8	1, 30
	1800	215JM	TEFC	<b>JMEWDM3714T</b>	2,576	WDW	22.41	165	91.7	230/460	12	1, 30
15	3600	215JM	TEFC	<b>JMEWDM3713T</b>	3,851	WDW	21.64	169	91	230/460	17	1, 30
	1800	254JM	TEFC	<b>JMEWDM23933T</b>	5,323	WDW	25.06	252	92.4	230/460	18	1, 30
20	3600	256JM	TEFC	<b>JMEWDM41906T</b>	6,180	WDW	25.06	255	91	230/460	23	2
	1800	256JM	TEFC	<b>JMEWDM23934T</b>	6,151	WDW	25.06	275	93	230/460	24	1, 30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

**NEW!**

# Close-coupled pump, three phase, totally enclosed, foot mounted, washdown features

25 thru 75 Hp

**IP55**



**Features:**

- Oversized, double sealed ball bearings
- Locked DE bearing
- Neoprene gaskets
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- 300 series stainless steel hardware and shaft extension
- Rugged cast iron construction

**Applications:**

- Water pumps commercial and industrial
- Food processing
- Wet environment

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
25	3600	284JM	TEFC	<b>JMEWDM4107T</b>	5,157	WDW	28.44	446	91.7	230/460	30	1
	1800	284JM	TEFC	<b>JMEWDM4103T</b>	4,978	WDW	28.44	437	93.6	230/460	30	1
30	3600	286JM	TEFC	<b>JMEWDM4108T</b>	6,099	WDW	28.44	459	91.7	230/460	34	1, 30
	1800	286JM	TEFC	<b>JMEWDM4104T</b>	5,659	WDW	28.44	460	93.6	230/460	36	1
40	3600	324JM	TEFC	<b>JMEWDM4109T</b>	8,254	WDW	30.53	587	92.4	230/460	47	1
	1800	324JM	TEFC	<b>JMEWDM4110T</b>	7,335	WDW	30.53	600	94.1	230/460	46	1, 30
50	3600	326JM	TEFC	<b>JMEWDM4114T</b>	8,599	WDW	30.53	635	93	230/460	55	1
	1800	326JM	TEFC	<b>JMEWDM4115T</b>	8,427	WDW	30.53	700	94.5	230/460	57	1
60	3600	364TCZ	TEFC	<b>JMEWDM4310T</b>	12,851	WDW	33.11	999	93.6	230/460	66.1	
	1800	364TCZ	TEFC	<b>JMEWDM4314T</b>	12,203	WDW	33.11	961	95	230/460	70	
75	3600	365TCZ	TEFC	<b>JMEWDM4313T</b>	13,738	WDW	33.11	1005	94.5	230/460	80.7	
	1800	365TCZ	TEFC	<b>JMEWDM4316T</b>	13,147	WDW	33.11	965	95.4	230/460	86	

(a) See notes on inside back flap.

■ Cast iron frame

**Red** catalog number indicates **NEW** product.

**NEW!**

For more information visit [baldor.com](http://baldor.com) or [new.abb.com/motors-generators](http://new.abb.com/motors-generators)

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

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

1 thru 20 Hp

**IP69  
for Water**



### Features:

- Individually welded feet for ease of cleaning
- Rotatable, round conduit box
- Welded & polished conduit box
- Smooth heads on external drains & hardware
- O-ring sealed endplates & conduit box
- Encapsulated, color-coded leads
- No crevices for food to collect
- 300 series stainless steel
- Epoxy encapsulated windings
- Laser etched nameplate
- Removable condensate drains in each endplate
- Internal & external shaft sealing
- Class H insulation system, inverter ready
- 3 year warranty, NEMA Premium® efficiency

### Applications:

- Food processing
- High pressure washdown
- Caustic environment
- Pumps and wastewater
- Outdoors
- Sanitary washdown

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	143JM	TENV	<b>JMFSWDM3546T-E</b>	2,076	WDF	14.97	37	85.5	230/460	1.5	30
	3600	143JM	TENV	<b>JMFSWDM3550T-E</b>	2,159	WDF	15.85	50	85.5	230/460	1.8	30
1 1/2	1800	145JM	TEFC	<b>JMFSWDM3554T-E</b>	2,171	WDF	16.15	45	86.5	230/460	2.2	30
	3600	145JM	TEFC	<b>JMFSWDM3555T-E</b>	2,459	WDF	17.03	50	86.5	230/460	2.5	30
2	1800	145JM	TEFC	<b>JMFSWDM3558T-E</b>	2,494	WDF	18.40	56	88.5	230/460	2.7	30
	3600	145JM	TEFC	<b>JMFSWDM3559T-E</b>	2,954	WDF	18.40	61	86.5	230/460	3.7	30
3	1800	182JM	TEFC	<b>JMFSWDM3611T-E</b>	3,101	WDF	19.72	83	89.5	230/460	4.2	30
	3600	184JM	TEFC	<b>JMFSWDM3613T-E</b>	3,340	WDF	18.22	81	89.5	230/460	5.6	30
5	1800	184JM	TEFC	<b>JMFSWDM3615T-E</b>	3,363	WDF	19.72	101	89.5	230/460	6.5	30
	3600	213JM	TEFC	<b>JMFSWDM3709T-E</b>	3,937	WDF	20.62	131	91	230/460	8.3	30
7 1/2	1800	213JM	TEFC	<b>JMFSWDM3710T-E</b>	4,011	WDF	21.81	139	91.7	230/460	9.5	
	3600	215JM	TEFC	<b>JMFSWDM3711T-E</b>	4,414	WDF	21.81	154	91.7	230/460	10.6	30
10	1800	215JM	TEFC	<b>JMFSWDM3714T-E</b>	4,657	WDF	23.56	187	92.4	230/460	12.5	30
	3600	215JM	TEFC	<b>JMFSWDM3713T-E</b>	6,389	WDF	23.56	187	91.7	230/460	17	30
15	254JM	TEFC	<b>JMFSWDM23994T-E</b>	7,439	WDF	25.67	265	91	230/460	16.5		
	1800	254JM	TEFC	<b>JMFSWDM23933T-E</b>	7,339	WDF	25.67	286	92.4	230/460	17.5	30
20	3600	256JM	TEFC	<b>JMFSWDM41906T-E</b>	8,377	WDF	26.67	300	91	230/460	21.5	
	1800	256JM	TEFC	<b>JMFSWDM23934T-E</b>	8,336	WDF	26.67	295	93	230/460	23.4	

(a) See notes on inside back flap.

**NEW!**

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

3 thru 75 Hp

**IP55**



**Features:**

- Vertical lifting provisions for ease of installation
- Severe Duty construction for harsh environments
- Meets and exceeds the requirements of IEEE Std. 841 -2009
- Inpro/seals at drive end and opposite drive end
- Inverter ready winding construction
- Stainless steel nameplates and drains

**Applications:**

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Medium thrust</b>											
3	3600	182LP	<b>VLECP83660T-4</b>	3,126	PV3	22.68	95	86.5	460	3.6	1
	1800	182LP	<b>VLECP83661T-4</b>	3,202	PV3	22.68	108	90.2	460	4.1	1
5	3600	184LP	<b>VLECP83663T-4</b>	3,576	PV3	22.68	123	88.5	460	5.7	1
	1800	184LP	<b>VLECP83665T-4</b>	3,341	PV3	22.68	115	89.5	460	6.6	1
7 1/2	3600	213LP	<b>VLECP83769T-4</b>	4,350	PV3	24.71	171	91.7	460	8.6	1
	1800	213LP	<b>VLECP83770T-4</b>	3,972	PV3	24.71	178	91.7	460	9.5	1
10	3600	215LP	<b>VLECP83771T-4</b>	4,336	PV3	24.71	189	91	460	11.3	1
	1800	215LP	<b>VLECP83774T-4</b>	4,502	PV3	24.71	231	91.7	460	12.2	1
15	3600	254LP	<b>VLECP82394T-4</b>	5,972	PV3	29.53	239	91	460	17	1
	1800	254LP	<b>VLECP82333T-4</b>	5,723	PV3	29.53	268	92.4	460	17.6	1
20	3600	256LP	<b>VLECP84106T-4</b>	6,450	PV3	29.53	310	91	460	22	1
	1800	256LP	<b>VLECP82334T-4</b>	5,968	PV3	34.59	420	93	460	23	1
25	3600	284LP	<b>VLECP84107T-4</b>	8,909	PV3	36.31	396	91.7	460	28	1
	1800	284LP	<b>VLECP84103T-4</b>	8,562	PV3	36.31	437	93.6	460	30	1
30	3600	286LP	<b>VLECP84108T-4</b>	9,814	PV3	36.31	400	91.7	460	34	1
	1800	286LP	<b>VLECP84104T-4</b>	9,313	PV3	36.31	460	93.6	460	36	1
40	3600	324LP	<b>VLECP84109T-4</b>	13,962	PV3	38.56	607	92.4	460	44	1
	1800	324LP	<b>VLECP84110T-4</b>	13,093	PV3	38.56	741	94.1	460	46	1
<b>High thrust</b>											
50	3600	326VP	<b>VPECP84114T-4</b>	12,132	PV3	35.24	635	93	460	55	1
	1800	326VP	<b>VPECP84115T-4</b>	11,936	PV3	35.24	700	94.5	460	57	1
60	3600	364VP	<b>VPECP84310T-4</b>	18,758	PV3	37.27	999	93.6	460	66	1
	1800	364VP	<b>VPECP84314T-4</b>	18,262	PV3	37.27	910	95	460	68	1
75	3600	365VP	<b>VPECP84313T-4</b>	19,464	PV3	37.27	1005	93.6	460	81.5	1
	1800	365VP	<b>VPECP84316T-4</b>	18,534	PV3	37.27	965	95.4	460	86	1

(a) See notes on inside back flap.  
**Red** catalog number indicates **NEW** product.

**NEW!**

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

## P-base vertical solid shaft pump, three phase, TEFC

3 thru 75 Hp

IP55



### 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
- Petro chemical
- Pulp and paper
- Wastewater
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Normal thrust</b>											
3	3600	182HP	<b>VHECP3660T</b>	2,394	PV3	22.18	120	89.5	230/460	3.5	1, 30
	1800	182HP	<b>VHECP3661T</b>	2,144	PV3	22.18	129	89.5	230/460	4.1	1, 30
5	3600	184HP	<b>VHECP3663T</b>	2,907	PV3	22.18	99	90.2	230/460	5.7	1, 30
	1800	184HP	<b>VHECP3665T</b>	2,692	PV3	22.18	141	89.5	230/460	6.6	1, 30
7 1/2	3600	213HP	<b>VHECP3769T</b>	3,489	PV3	22.51	173	91	230/460	8.6	1, 30
	1800	213HP	<b>VHECP3770T</b>	3,243	PV3	22.51	170	91.7	230/460	9.5	1, 30
10	3600	215HP	<b>VHECP3771T</b>	3,628	PV3	22.51	203	92.4	230/460	11	1, 30
	1800	215HP	<b>VHECP3774T</b>	3,498	PV3	22.51	231	92.4	230/460	12.5	1, 30
15	3600	254HP	<b>VHECP2394T</b>	4,642	PV3	25.73	296	91.7	230/460	17.2	1, 30
	1800	254HP	<b>VHECP2333T</b>	4,465	PV3	25.72	316	92.4	230/460	18.1	1, 30
20	3600	256HP	<b>VHECP4106T</b>	5,128	PV3	25.73	325	92.4	230/460	23	1, 30
	1800	256HP	<b>VHECP2334T</b>	4,664	PV3	25.73	337	93	230/460	24	1, 30
25	3600	284HP	<b>VHECP4107T</b>	5,968	PV3	25.72	337	93	230/460	28	1, 30
	1800	284HP	<b>VHECP4103T</b>	5,724	PV3	30.69	518	93.6	230/460	30	1, 30
30	3600	286HP	<b>VHECP4108T</b>	6,865	PV3	25.72	361	93	230/460	33	1, 30
	1800	286HP	<b>VHECP4104T</b>	6,446	PV3	30.69	563	94.1	230/460	36	1, 30
40	3600	324HP	<b>VHECP4109T</b>	9,113	PV3	34.72	600	93.6	230/460	45	1, 30
	1800	324HP	<b>VHECP4110T</b>	8,238	PV3	34.72	650	94.5	230/460	46	1, 30
50	3600	326HP	<b>VHECP4114T</b>	9,442	PV3	34.72	668	93	230/460	56	1, 30
	1800	326HP	<b>VHECP4115T</b>	9,278	PV3	34.72	764	94.5	230/460	58	1, 30
60	3600	364HP	<b>VHECP4310T</b>	12,828	PV3	35.36	959	95	230/460	65.1	1, 30
	1800	364HP	<b>VHECP4314T</b>	11,811	PV3	35.36	969	95	230/460	68	1, 30
75	3600	365HP	<b>VHECP4313T</b>	14,058	PV3	35.36	1042	94.5	230/460	80.7	1, 30
	1800	365HP	<b>VHECP4316T</b>	13,397	PV3	35.36	1008	95.4	230/460	85.9	1, 30
<b>Medium thrust</b>											
3	3600	182LP	<b>VLECP3660T</b>	3,053	PV3	22.18	99	88.5	230/460	3.4	1
	1800	182LP	<b>VLECP3661T</b>	3,121	PV3	22.18	105	89.5	230/460	4.1	1
5	3600	184LP	<b>VLECP3663T</b>	3,361	PV3	22.18	105	90.2	230/460	5.7	1
	1800	184LP	<b>VLECP3665T</b>	3,146	PV3	22.18	119	89.5	230/460	6.6	1
7 1/2	3600	213LP	<b>VLECP3769T</b>	3,993	PV3	22.51	169	91	230/460	8.6	1
	1800	213LP	<b>VLECP3770T</b>	3,647	PV3	22.51	170	91.7	230/460	9.5	1
10	3600	215LP	<b>VLECP3771T</b>	4,132	PV3	22.51	182	92.4	230/460	11	1
	1800	215LP	<b>VLECP3774T</b>	4,002	PV3	22.51	231	92.4	230/460	12.5	1
15	3600	254LP	<b>VLECP2394T</b>	5,645	PV3	25.73	225	91	230/460	17	1
	1800	254LP	<b>VLECP2333T</b>	5,468	PV3	25.73	268	92.4	230/460	18.1	1

(a) See notes on inside back flap.

■ Cast iron frame



**P-base vertical solid shaft pump, three phase, TEFC**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Medium thrust (continued)</b>											
20	3600	256LP	<b>VLECP4106T</b>	6,131	PV3	25.73	265	92.4	230/460	22	1
	1800	256LP	<b>VLECP2334T</b>	5,667	PV3	25.73	303	93	230/460	24	1
25	3600	284LP	<b>VLECP4107T</b>	7,449	PV3	32.44	396	91.7	230/460	28	1
	1800	286LP	<b>VLECP4103T</b>	7,205	PV3	32.44	420	93.6	230/460	30	1
30	3600	286LP	<b>VLECP4108T</b>	8,346	PV3	32.44	446	91.7	230/460	34	1
	1800	286LP	<b>VLECP4104T</b>	7,927	PV3	32.44	460	94.1	230/460	36	1
40	3600	324LP	<b>VLECP4109T</b>	11,052	PV3	34.72	528	93.6	230/460	45	1
	1800	324LP	<b>VLECP4110T</b>	10,177	PV3	34.72	600	94.5	230/460	46	1
<b>High thrust</b>											
50	3600	326VP	<b>VPECP4114T</b>	11,448	PV3	34.71	587	93	230/460	56	1
	1800	326VP	<b>VPECP4115T</b>	11,284	PV3	34.71	700	94.5	230/460	58	1
60	3600	364VP	<b>VPECP4310T</b>	15,515	PV3	37.25	999	95	230/460	65.1	1
	1800	364VP	<b>VPECP4314T</b>	14,498	PV3	37.25	910	95	230/460	68	1
75	3600	365VP	<b>VPECP4313T</b>	16,745	PV3	37.25	1005	94.5	230/460	80.7	1
	1800	365VP	<b>VPECP4316T</b>	16,084	PV3	37.25	965	95.4	230/460	85.9	1

(a) See notes on inside back flap.

■ Cast iron frame

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

## P-base vertical solid shaft pump, three phase, ODP

3 thru 60 Hp

IP23



### Features:

- Safeguard drip cover
- Cast iron construction for harsh environments
- Vertical lifting provisions for ease of installation
- Stainless steel nameplates
- Corrosion resistant epoxy finish

### Applications:

- Normal thrust applications
- Severe duty applications
- Harsh environments
- Petro chemical
- Pulp and paper
- Wastewater
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3	3600	182HP	VHEM3210T	1,069	PV3	21.33	61	86.5	230/460	3.8	1, 17, 30
	1800	182HP	VHEM3211T	1,200	PV3	21.33	100	89.5	230/460	4.2	1, 17, 30
5	3600	184HP	VHEM3212T	1,136	PV3	21.33	95	86.5	230/460	5.6	1, 17, 30
	1800	184HP	VHEM3218T	1,282	PV3	21.33	119	89.5	230/460	6.6	1, 17, 30
7 1/2	3600	184HP	VHEM3219T	1,601	PV3	21.33	122	88.5	230/460	8.4	1, 17, 30, 35
	1800	213HP	VHEM3311T	1,815	PV3	23.73	173	91	230/460	10.8	1, 17, 30
10	3600	213HP	VHEM3312T	1,874	PV3	23.73	164	89.5	230/460	11.2	1, 17, 30
	1800	215HP	VHEM3313T	2,106	PV3	23.73	231	91.7	230/460	12.9	1, 17, 30
15	3600	215HP	VHEM3314T	2,479	PV3	23.73	203	90.2	230/460	16.9	1, 17, 30
	1800	254HP	VHEM2513T	3,172	PV3	26.74	360	93	230/460	18.2	1, 17, 30
20	3600	254HP	VHEM2514T	3,207	PV3	26.73	229	91	230/460	23	1, 17, 30
	1800	256HP	VHEM2515T	3,402	PV3	26.73	283	93	230/460	24	1, 17, 30
25	3600	256HP	VHEM2516T	3,689	PV3	26.73	283	91.7	230/460	29	1, 17, 30
	1800	284HP	VHEM2531T	4,143	PV3	29.93	420	93.6	230/460	31	1, 17, 30
30	3600	284HP	VHEM2534T	4,381	PV3	29.93	385	91.7	230/460	33	1, 17, 30
	1800	286HP	VHEM2535T	4,439	PV3	29.93	460	94.1	230/460	36	1, 17, 30
40	3600	286HP	VHEM2538T	5,362	PV3	29.93	410	92.4	230/460	46	1, 17, 30
	1800	324HP	VHEM2539T	5,846	PV3	33.87	600	94.1	230/460	48	1, 17, 30
50	3600	324HP	VHEM2542T	6,106	PV3	33.87	500	93	230/460	58	1, 17, 30
	1800	326HP	VHEM2543T	6,313	PV3	33.87	700	94.5	230/460	58	1, 17, 30
60	3600	326HP	VHEM2546T	7,373	PV3	33.87	641	93.6	230/460	66	1, 17, 30

(a) See notes on inside back flap.

■ Cast iron frame

Custom TEFC motors available through 2,250 Hp; Open and WPII custom motors through 15,000 Hp. Contact your sales representative.

**Thrust bearings must be loaded to a minimum of 20% of rated thrust for proper bearing loading and life.**

## SAE hydraulic pump motors, three phase, TEFC

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:

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
5	1800	184TYZ	<b>EHPM3615T</b>	1,040	PM3	15.00	93	89.5	230/460	6.7	
7 1/2	1800	213TYZ	<b>EHPM3710T</b>	1,447	PM3	15.79	127	91.7	230/460	9.4	
10	1800	215TYZ	<b>EHPM3714T</b>	1,618	PM3	17.29	165	91.7	230/460	12	

(a) See notes on inside back flap.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

## Submersible motors, single phase, TENV

1 thru 5 Hp

IP68



### Features:

- Continuous duty in water/sewage
- 15 minute in air
- 416 stainless steel shaft
- Dual carbon ceramic mechanical seals
- Two NC thermostats
- Dual moisture sensing probes
- NEMA 1 enclosure control box
- Solid-state electronic switch for improved reliability
- 1.15 SF
- UL listed, Division 1, Class I, Group C & D, T3C
- 5 year pro-rated warranty

### Applications:

- Wet pit applications
- Slurry pumps
- Aerators
- Mixers

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	180TY	<b>SUL50104SM</b>	④	T3C	5,718	SU1	25.94	240	55	230	8.1	10,81,97
	1200	180TY	<b>SUL50106SM</b>	④	T3C	6,010	SU1	25.94	240	55.6	230	8.6	10,81,97
1 1/2	1800	180TY	<b>SUL50154SM</b>	④	T3C	5,718	SU1	25.94	291	62.5	230	10.6	10,81,97
	1200	180TY	<b>SUL50156SM</b>	④	T3C	6,955	SU1	25.94	256	57	230	12.5	10,81,97
2	1800	180TY	<b>SUL50204SM</b>	④	T3C	6,402	SU1	25.94	250	60.9	230	14.4	10,81,97
		180TY	<b>SUL50304SM</b>	④	T3C	8,149	SU1	26.66	260	64.7	230	20	10,81,97
3	1800	180TY	<b>SUL50304</b>	④	T3C	8,149	SU1	25.94	256	64.7	230	20	10,81
	1200	210TY	<b>SUL50306SM</b>	④	T3C	9,775	SU1	32.41	315	65.6	230	21	10,81,97
5	1800	210TY	<b>SUL50504</b>	④	T3C	10,698	SU1	31.69	369	69	230	30	10,82

(a) See notes on inside back flap. SM suffix = one size smaller flange and shaft.

④ = Class I, Group C & D

■ Cast iron frame

- All 180TY and 210TY catalog numbers are furnished without lead cable assemblies. See Lead Cable Assemblies table for ordering information.

- Immersible motors available through 250 Hp. Contact your local sales office with your inquiry and specifications.

# Submersible motors, three phase, TENV

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, 250 Frame and up)

- Dual moisture sensing probes
- 1.15 SF
- UL listed, Division 1, Class I, Group C & D, T3C
- Inverter capable for 10:1 variable torque
- UL listed, Division 1, Class I, Group C & D, T2A on Inverter
- 5 year pro-rated warranty

**Applications:**

- Wet pit applications
- Slurry pumps
- Aerators
- Mixers

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
<b>UL listed, hazardous duty, explosion proof</b>														
1	1800	180TY	SUM70104SM	④	T3C	4,732	SU3	25.94	169	63.5	230	3.4	81, 97	
1 1/2	1800	180TY	SUM70154SM	④	T3C	4,869	SU3	25.94	175	70.5	230	4.6	81, 97	
2	1800	180TY	SUM70204SM	④	T3C	4,976	SU3	25.94	183	73.5	230	5.8	81, 97	
		180TY	SUM70204SM-8	④	T3C	4,976	SU3	25.94	182	73.5	200	6.7	81, 97	
3	1800	180TY	SUM70304SM	④	T3C	5,040	SU3	25.94	200	78.1	230	8.8	81, 97	
	1200	180TY	SUM70306	④	T3C	5,136	SU3	26.66	235	78	230	10.4	81	
5	1800	180TY	SUM70504	④	T3C	5,292	SU3	26.66	240	80.2	230	14	81	
		180TY	SUM70504-4	④	T3C	5,292	SU3	26.66	235	80.2	460	7	81	
		180TY	SUM70504-8	④	T3C	5,292	SU3	26.66	235	80.2	200	16.1	81	
		180TY	SUM70504SM-4	④	T3C	5,292	SU3	26.66	235	80.2	460	7	81, 97	
		1200	180TY	SUM70506	④	T3C	7,273	SU3	26.66	248	80.7	230	16	81
7 1/2	1800	180TY	SUM70754	④	T3C	6,843	SU3	26.66	243	82.7	230	20.2	81	
		180TY	SUM70754-4	④	T3C	6,843	SU3	26.66	245	82.7	460	10.1	81	
		180TY	SUM70754SM-4	④	T3C	6,843	SU3	26.66	245	82.7	460	10.1	81, 97	
		1200	210TY	SUM70756	④	T3C	7,784	SU3	31.69	350	81.7	230	22.6	81
		210TY	SUM70756-4	④	T3C	7,784	SU3	31.69	350	81.7	460	11.3	10,81	
10	1800	210TY	SUM71004	④	T3C	7,099	SU3	31.69	356	85.6	230	26	81	
		210TY	SUM71004-4	④	T3C	7,099	SU3	31.69	356	85.6	460	13	81	
		210TY	SUM71004SM-4	④	T3C	7,099	SU3	31.69	356	85.6	460	13	81, 97	
		1200	210TY	SUM71006	④	T3C	9,790	SU3	31.69	391	83.8	230	28.8	81
		210TY	SUM71006-4	④	T3C	9,790	SU3	31.69	391	83.8	460	14.4	10,81	
15	1800	210TY	SUM71504	④	T3C	9,338	SU3	31.69	376	85.4	230	40.2	81	
		210TY	SUM71504-4	④	T3C	9,338	SU3	31.69	374	85.4	460	20.1	81	
		210TY	SUM71504SM-4	④	T3C	9,338	SU3	31.69	374	85.4	460	20.1	81, 97	
		1200	250TY	SUM71506-4	④	T3C	13,228	SU3	37.34	469	86.5	460	20.3	81
		210TY	SUM72004SM-4	④	T3C	10,427	SU3	32.41	378	86.6	460	26.2	81, 97	
20	1800	210TY	SUM72004-4	④	T3C	11,058	SU3	31.69	407	86.6	460	26.2	81	
		1200	250TY	SUM72006-4	④	T3C	14,587	SU3	37.34	474	86.7	460	27.4	81
		250TY	SUM72504-4	④	T3C	13,650	SU3	37.34	495	88.5	460	32.1	81	
25	1800	250TY	SUM72504SM-4	④	T3C	13,650	SU3	37.06	517	88.5	460	32.1	81, 97	
		250TY	SUM72506-4	④	T3C	18,927	SU3	37.34	496	86.7	460	35.2	81	
		250TY	SUM72506SM-4	④	T3C	18,927	SU3	37.34	496	86.7	460	35.2	81, 97	
		250TY	SUM73004-4	④	T3C	14,744	SU3	37.34	445	88.7	460	39.9	81	
30	1800	250TY	SUM73004SM-4	④	T3C	14,744	SU3	37.34	445	88.7	460	39.9	81, 97	
		1200	320TY	SUM73006-4	④	T3C	22,712	SU3	43.12	1150	89.7	460	40.7	10,82
40	1800	250TY	SUM74004-4	④	T3C	19,961	SU3	37.34	510	89	460	51.7	82	
		320TY	SUM75004-4	④	T3C	23,360	SU3	43.12	882	91.1	460	64.3	10,82	
50	1800	320TY	SUM75004SM-4	④	T3C	23,360	SU3	42.50	880	91.1	460	64.3	10,82, 97	
		1200	320TY	SUM75006-4	④	T3C	25,332	SU3	43.12	872	90.5	460	65.9	10,82

(a) See notes on inside back flap. SM suffix = one size smaller flange and shaft.

④ = Class I, Group C & D

Cast iron frame

All 180TY and 210TY catalog numbers are furnished without lead cable assemblies. See Lead Cable Assemblies table for ordering information.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

## Submersible motors, three phase, TENV

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>UL listed, hazardous duty, explosion proof (continued)</b>													
60	1800	320TY	<b>SUM76004-4</b>	④	T3C	29,877	SU3	43.12	950	92	460	74.9	10,82
75	1800	320TY	<b>SUM77504-4</b>	④	T3C	38,734	SU3	43.12	956	92.6	460	91.3	10,82
	1200	360TY	<b>SUM77506-4</b>	④	T3C	39,606	SU3	47.10	1374	92.3	460	90.9	10,82
100	1800	360TY	<b>SUM710004-4</b>	④	T3C	41,185	SU3	47.10	1340	91.6	460	116	10,82
	1200	360TY	<b>SUM710006-4</b>	④	T3C	50,906	SU3	47.10	1500	91.2	460	122	10,82
<b>Non-UL listed, non hazardous duty</b>													
7 1/2	1800	210TY	<b>SUM20754</b>			5,017	SU3	31.69	335	82.8	230	20.8	81
		210TY	<b>SUM20754-4</b>			5,017	SU3	31.69	340	82.8	460	10.4	81
10	1800	210TY	<b>SUM21004</b>			5,852	SU3	31.69	351	85.6	230	26	81
		210TY	<b>SUM21004-4</b>			5,852	SU3	31.69	367	85.6	460	13	81
15	1800	210TY	<b>SUM21504</b>			7,589	SU3	31.69	368	85.4	230	40.2	81
		210TY	<b>SUM21504-4</b>			7,589	SU3	31.69	377	85.4	460	20.1	81

(a) See notes on inside back flap. SM suffix = one size smaller flange and shaft.

④ = Class I, Group C & D

■ Cast iron frame

All 180TY and 210TY catalog numbers are furnished without lead cable assemblies. See Lead Cable Assemblies table for ordering information.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

**NEW!**

## Submersible motor lead cable assemblies

Selection required for ALL 180TY and 210TY catalog ratings



**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.

Hp	RPM	NEMA Frame	Catalog Number	25 Feet				50 Feet				100 Feet			
				Kit Number	List Price	Disc. Sym.	Aprx. Wt. (lb)	Kit Number	List Price	Disc. Sym.	Aprx. Wt. (lb)	Kit Number	List Price	Disc. Sym.	Aprx. Wt. (lb)
<b>Single Phase, UL listed, XP</b>															
1	1800	180TY	SUL50104SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1200	180TY	SUL50106SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
1 1/2	1800	180TY	SUL50154SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1200	180TY	SUL50156SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
2	1800	180TY	SUL50204SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1800	180TY	SUL50304SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
3	1800	180TY	SUL50304	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1200	210TY	SUL50306SM	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
5	1800	210TY	SUL50504	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	N/A	N/A	N/A	N/A
<b>Three Phase, UL listed, XP</b>															
1	1800	180TY	SUM70104SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
1 1/2	1800	180TY	SUM70154SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
2	1800	180TY	SUM70204SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1800	180TY	SUM70204SM-8	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
3	1800	180TY	SUM70304SM	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1200	180TY	SUM70306	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
5	1800	180TY	SUM70504	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1800	180TY	SUM70504-4	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1800	180TY	SUM70504-8	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1800	180TY	SUM70504SM-4	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1200	180TY	SUM70506	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1800	180TY	SUM70754	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
7 1/2	1800	180TY	SUM70754-4	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1800	180TY	SUM70754SM-4	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	210TY	210TY	SUM70756	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
	1200	210TY	SUM70756-4	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
10	1800	210TY	SUM71004	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
	1800	210TY	SUM71004-4	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
	210TY	210TY	SUM71004SM-4	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
	1200	210TY	SUM71006	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
15	1800	210TY	SUM71006-4	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
	210TY	210TY	SUM71504	<b>802386204R</b>	1,325	SCG	32	<b>802386204T</b>	2,150	SCG	58	<b>802386204V</b>	3,425	SCG	110
	210TY	210TY	SUM71504-4	<b>802386204R</b>	1,325	SCG	32	<b>802386204T</b>	2,150	SCG	58	<b>802386204V</b>	3,425	SCG	110
	210TY	210TY	SUM71504SM-4	<b>802386204R</b>	1,325	SCG	32	<b>802386204T</b>	2,150	SCG	58	<b>802386204V</b>	3,425	SCG	110
20	1800	210TY	SUM72004SM-4	<b>802386204R</b>	1,325	SCG	32	<b>802386204T</b>	2,150	SCG	58	<b>802386204V</b>	3,425	SCG	110
	1800	210TY	SUM72004-4	<b>802386204R</b>	1,325	SCG	32	<b>802386204T</b>	2,150	SCG	58	<b>802386204V</b>	3,425	SCG	110
<b>Three Phase, Non-UL listed, non XP</b>															
7 1/2	1800	210TY	SUM20754	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
	1800	210TY	SUM20754-4	<b>802386203R</b>	880	SCG	17	<b>802386203T</b>	1,235	SCG	28	<b>802386203V</b>	1,975	SCG	51
10	1800	210TY	SUM21004	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
	1800	210TY	SUM21004-4	<b>802386201R</b>	1,225	SCG	23	<b>802386201T</b>	1,975	SCG	42	<b>802386201V</b>	3,160	SCG	81
15	1800	210TY	SUM21504	<b>802386204R</b>	1,325	SCG	32	<b>802386204T</b>	2,150	SCG	58	<b>802386204V</b>	3,425	SCG	110
	1800	210TY	SUM21504-4	<b>802386204R</b>	1,325	SCG	32	<b>802386204T</b>	2,150	SCG	58	<b>802386204V</b>	3,425	SCG	110

Red kit number indicates **NEW** product.

Kits consist of (1) set of power lead cables and (1) set of control lead cables of the specified length with attached receptacles.

Selection required for ALL 180TY and 210TY catalog ratings

Additional cable lengths are available on custom submersible motors. Contact your sales representative.

**NEW!**

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty