

BALDOR • RELIANCE®

P-Base Vertical Solid Shaft Pump, Three Phase, TEFC, 1.15 Service Factor

General Information

Single Phase Motors

General Purpose Industrial Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Standard Efficiency, High Thrust											
50	3600	326VP	VPCP4114T	7,098	SD	34.71	632	90.2	230/460	58	1,30
	1800	326VP	VPCP4115T	7,652	SD	34.71	617	91	230/460	60	1,30
60	3600	364VP	VPCP4310T	8,162	SD	38.04	754	90.2	230/460	69	1,30
	1800	364VP	VPCP4314T	8,522	SD	38.04	811	93.6	230/460	70	1,30
75	3600	365VP	VPCP4313T	10,197	SD	38.04	799	91	230/460	84	1,30
	1800	365VP	VPCP4316T	10,376	SD	38.04	872	94.1	230/460	86	1,30

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

■ Cast Iron Frame

See Bearing Load notes at bottom of page 112.

Contact Baldor for information on larger API and high thrust vertical pump motors.

Premium Efficient Super-E® Motors

P-Base Vertical Solid Shaft Pump, Three Phase, ODP, 1.15 Service Factor

3 thru 75 Hp

NEMA 182Hp thru 365Hp

Applications: For normal thrust applications. Waste water treatment plants, petro chemical industries, pulp and paper mills and agricultural irrigation applications.

Features: Cast iron frame and endplates. EAct efficiency for energy efficiency over typical P-Base designs. Rotatable conduit box, stainless nameplate, epoxy finish. Two lifting lugs for balanced lifting.



Severe Duty Motors

Washdown Duty Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
EAct High Efficiency, Normal Thrust											
3	3600	182HP	VHM3210T	1,607	L1	21.33	87	84	208-230/460	3.7	1,17
	1800	182HP	VHM3211T	1,436	L1	21.33	96	86.5	208-230/460	4.2	1,17
5	3600	184HP	VHM3212T	2,074	L1	21.33	99	85.5	208-230/460	5.7	1,17
	1800	184HP	VHM3218T	1,914	L1	21.33	137	87.5	208-230/460	6.7	1,17
7 1/2	3600	184HP	VHM3219T	2,456	L1	21.33	115	87.5	208-230/460	8.5	1,17
	1800	213HP	VHM3311T	2,376	L1	23.68	169	88.5	208-230/460	10.7	1,17
10	3600	213HP	VHM3312T	2,563	L1	23.68	169	88.5	208-230/460	11.6	1,17
	1800	215HP	VHM3313T	2,666	L1	23.68	206	88.5	208-230/460	13.8	1,17
15	3600	215HP	VHM3314T	2,706	L1	23.68	179	89.5	208-230/460	16.8	1,17
	1800	254HP	VHM2513T	2,804	L1	26.73	255	91	208-230/460	18.1	1,17
20	3600	254HP	VHM2514T	2,943	L1	26.73	253	90.2	230/460	23.5	1,17,30
	1800	256HP	VHM2515T	3,185	L1	25.81	255	91	230/460	25	1,17,30
25	3600	256HP	VHM2516T	3,131	L1	26.73	239	91	230/460	29	1,17,30
	1800	284HP	VHM2531T	3,554	L1	29.93	454	92.4	230/460	30	1,17,30
30	3600	284HP	VHM2534T	3,445	L1	26.74	297	91	230/460	34	1,17,30
	1800	286HP	VHM2535T	3,991	L1	29.93	473	92.4	230/460	38.2	1,17,30
40	3600	286HP	VHM2538T	4,971	L1	29.93	463	91.7	230/460	45	1,17,30
	1800	324HP	VHM2539T	4,649	L1	32.23	703	93	230/460	47	1,17,30
50	3600	324HP	VHM2542T	6,092	L1	32.23	686	92.4	230/460	56	1,17,30
	1800	326HP	VHM2543T	6,567	L1	32.23	730	93	230/460	59	1,17,30
60	3600	326HP	VHM2546T	7,783	L1	32.23	730	93	230/460	67	1,17,30
	1800	364HP	VHM2547T	8,124	L1	34.01	908	93.6	230/460	70	1,17,30
75	3600	364HP	VHM2549T	9,724	L1	—	815	93	230/460	85	1,17
	1800	365HP	VHM2551T	9,893	L1	34.01	962	94.1	230/460	90	1,17,30

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

■ Cast Iron Frame

Custom TEFC motors available through 2,250 Hp; Open and WPIL custom motors through 15,000 Hp. Contact your Baldor Sales Representative.

THRUST BEARINGS MUST BE LOADED TO A MINIMUM OF 20% OF RATED THRUST FOR PROPER BEARING LOADING AND LIFE.