

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

3 thru 75 Hp

NEMA 182LP thru 365VP



Applications: For normal medium and high thrust in-line pump applications. Waste water treatment plants, petro chemical industries, pulp and paper mills and agricultural irrigation applications.

Features: Severe duty construction with corrosion-resistant epoxy finish, cast-iron construction, designed for vertical mounting. Rotatable conduit box, stainless steel nameplates, shaft seals. Energy efficient windings. Two lifting lugs for balanced lifting. VHECP motors have NEMA Premium® efficiency and are Inverter-Ready. 1.15 Service Factor.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Super-E Efficiency, Normal Thrust											
3	3600	182HP	VHECP3660T	1,848	SD	22.18	124	89.5	230/460	3.5	1
	1800	182HP	VHECP3661T	1,655	SD	22.18	121	89.5	230/460	4	1,30
5	3600	184HP	VHECP3663T	2,387	SD	22.18	128	90.2	230/460	5.7	1
	1800	184HP	VHECP3665T	2,204	SD	22.18	142	90.2	230/460	6.5	1,30
7 1/2	3600	213HP	VHECP3769T	2,827	SD	22.33	173	91	230/460	8.6	1,30
	1800	213HP	VHECP3770T	2,736	SD	22.33	170	91.7	230/460	9.5	1
10	3600	215HP	VHECP3771T	2,948	SD	22.33	203	91.7	230/460	11.2	1,30
	1800	215HP	VHECP3774T	3,070	SD	22.33	231	92.4	230/460	12.5	1
15	3600	254HP	VHECP2394T	3,398	SD	25.73	285	91.7	230/460	17.2	1,30
	1800	254HP	VHECP2333T	3,523	SD	25.73	255	92.4	230/460	18.5	1,30
20	3600	256HP	VHECP4106T	3,696	SD	25.73	265	92.4	230/460	23	1,30
	1800	256HP	VHECP2334T	4,000	SD	25.73	303	93	230/460	24	1,30
25	3600	284HP	VHECP4107T	3,930	SD	25.72	335	93	230/460	28	1,30
	1800	284HP	VHECP4103T	4,463	SD	30.69	462	93.6	230/460	30	1,30
30	3600	286HP	VHECP4108T	4,328	SD	25.72	325	93	230/460	33	1,30
	1800	286HP	VHECP4104T	5,009	SD	30.69	506	94.1	230/460	36	1,30
40	3600	324HP	VHECP4109T	6,057	SD	34.72	612	93.6	230/460	45	1,30
	1800	324HP	VHECP4110T	5,665	SD	34.72	670	94.5	230/460	46	1,30
50	3600	326HP	VHECP4114T	7,423	SD	34.72	641	94.1	230/460	54	1,30
	1800	326HP	VHECP4115T	8,003	SD	34.72	717	94.5	230/460	57	1,30
60	3600	364HP	VHECP4310T	9,484	SD	38.04	881	94.1	230/460	68	1,30
	1800	364HP	VHECP4314T	9,900	SD	38.04	885	95	230/460	69	1,30
75	3600	365HP	VHECP4313T	11,850	SD	38.04	953	94.5	230/460	83	1
	1800	365HP	VHECP4316T	12,057	SD	38.04	973	95.4	230/460	86.5	1,30
Standard Efficiency, Medium Thrust											
3	3600	182LP	VLCP3660T	1,769	SD	22.18	107	80	208-230/460	3.9	1
	1800	182LP	VLCP3661T	1,582	SD	22.18	117	84	208-230/460	4.3	1
5	3600	184LP	VLCP3663T	2,284	SD	22.18	129	86	208-230/460	6	1
	1800	184LP	VLCP3665T	2,108	SD	22.18	128	85.5	208-230/460	6.6	1
7 1/2	3600	213LP	VLCP3769T	2,705	SD	22.33	190	84	208-230/460	9.1	1
	1800	213LP	VLCP3770T	2,616	SD	22.33	195	89.5	208-230/460	10.3	1
10	3600	215LP	VLCP3771T	2,821	SD	22.33	200	85.5	208-230/460	12	1
	1800	215LP	VLCP3774T	2,936	SD	22.33	206	88.5	208-230/460	13.8	1
15	3600	254LP	VLCP2394T	3,249	SD	22.33	212	86.5	208-230/460	17.5	1
	1800	254LP	VLCP2333T	3,369	SD	22.33	227	89.5	208-230/460	18.9	1
20	3600	256LP	VLCP4106T	3,548	SD	25.72	308	89.5	230/460	23	1,30
	1800	256LP	VLCP2334T	3,824	SD	25.72	280	91	230/460	24	1,30
25	3600	284LP	VLCP4107T	3,759	SD	27.47	476	90.2	230/460	28	1,30
	1800	286LP	VLCP4103T	4,268	SD	27.47	310	92.4	230/460	30	1,30
30	3600	286LP	VLCP4108T	4,137	SD	27.47	496	91	208-230/460	34	1
	1800	286LP	VLCP4104T	4,790	SD	27.47	315	91.7	230/460	35	1,30
40	3600	324LP	VLCP4109T	5,792	SD	34.72	624	91.7	230/460	45	1,30
	1800	324LP	VLCP4110T	5,417	SD	34.72	640	93	230/460	47	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.

General Information

Single Phase Motors

General Purpose Industrial Motors

Premium Efficient Super-E® Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors