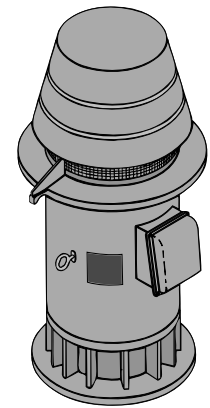


MOTORS & RELATED PRODUCTS

Vertical Hollow Shaft Motors

US Vertical Hollow Shaft Motors – 1800 RPM – 3 Phase									
NI Part #	HP	Model No.	Frame	Type*	Volts	Base Dia.**, Inches	C Plug Height	Eff.	Weight
790102	5	6968	184TP	TU	230 / 460	10"	17-9/16	82.5	120
790103	7-1/2	J145	213TP	TU	230 / 460	10"	17-9/16	84.0	190
790104	10	J146	215TP	TU	230 / 460	10"	17-9/16	85.5	190
790105	15	BF30	254TP	AU	230 / 460	10"	23-3/8	89.5	265
790105-1	15	BF31	254TPA	AU	230 / 460	16-1/2"	23-3/8	89.5	265
790106	20	BF33	256TPH	AU	230 / 460	12"	23-3/8	89.5	275
790106-1	20	BF34	256TPA	AU	230 / 460	16-1/2"	23-3/8	89.5	275
790107	25	BF37	284TPA	AU	230 / 460	12"	24-3/4	88.5	305
790107-1	25	BF38	284TPH	AU	230 / 460	16-1/2"	24-3/4	88.5	305
790108	30	BF41	286TPA	AU	230 / 460	12"	24-3/4	89.5	305
790108-1	30	BF42	286TPH	AU	230 / 460	16-1/2"	24-3/4	89.5	305
790109	40	BF47	324TPH	RU	230 / 460	12"	28-7/32	89.5	635
790109-1	40	BF48	324TP	RU	230 / 460	16-1/2"	28-7/32	89.5	635
790110	50	BF53	326TPH	RU	230 / 460	12"	28-7/32	89.5	635
790110-1	50	BF54	326TP	RU	230 / 460	16-1/2"	28-7/32	89.5	635
790111	60	BF59	364TP	RU	230 / 460	16-1/2"	31-5/32	91.0	730
79076	75	BF64	365TP	RU	230 / 460	16-1/2"	31-5/32	91.0	780
790100	100	BF68	404TP	RU	230 / 460	16-1/2"	36-15/16	93.0	1110
790112	125	BF73	405TP	RU	460 PWS	16-1/2"	36-15/16	93.0	1150
790113	150	BF82	H444TP	RU	460 PWS	16-1/2"	44-25/32	92.4	1350
790114	200	BF82	H445TP	RU	460 PWS	16-1/2"	44-25/32	93.6	1570



- Designed for deep well turbine pump applications.
- Carries thrust load of pump and head of water.
- Easily accessible top coupling permits vertical adjustment of pump impellers.

E

* Type designations:

TU = TEFC Enclosure, Aluminum Housing, Grease Lube Upper Bearing

AU = WP1 Enclosure, Aluminum Housing, Grease Lube Upper Bearing

RU = WP1 Enclosure, Cast Iron Housing, Oil Bath Upper Bearing

** The 16-1/2" base is the most common. Please measure the base diameter before ordering.

Outstanding Features

1. Lightweight Top Cover.
2. Coupling readily accessible.
3. Lockbar holds shaft during adjustments.
4. Lifting Lugs positioned for stability.
5. Protected Air Openings exceed NEMA WPI requirements.
6. Precision Machined Mounting Base, ample clearance for mounting bolt installation.
7. Rugged Bearing withstands heavy load thrusts.
8. Large Plug simplifies oil fills.
9. Sight Gauge Window for quick oil level reading.
10. Metered Oil Flow minimizes churning.
11. Dual Air Flow system for uniform cooling of motor top and bottom.
12. Windings protected by new, synthetic materials.
13. Solid Die Cast Rotor with integral fan blades.

