

Catalog HOLLOSHAFT® Motors

BABA Compliant Vertical AC Motors, Inverter Duty

Horsepower: 150 – 600 HP

Speed: 1800 RPM

Design Voltages: Three Phase / 460 VAC / 60 Hz

Enclosure: Weather Protected Type 1, Totally Enclosed Fan Cooled TEFC

Efficiency Level: NEMA Premium®

New Build America, Buy America Act Impacts Motor Market

In 2021, the Build America, Buy America Act (BABA) was enacted into law. Its purpose was to impose a baseline “Buy America” requirement on infrastructure projects receiving federal financial assistance. BABA compliant motors must be manufactured in the United States with at least 55% of their component cost attributed to domestic content.

Nidec Motor Corporation is able to provide BABA compliant versions of our catalog vertical HOLLOSHAFT motors built in our Mena, Arkansas facility.



Modifying Motors to Meet BABA Requirements

BABA compliant catalog motors are specially made (modified) versions of stocked catalog verticals, built to order using components specifically selected to meet the domestic content requirements. They come with all of the same features as their normally stocked counterparts.

Key Features	
NEMA Premium Efficiency	✓
Space Heaters	✓
Inverter Grade® Insulation per NEMA MG-1 Part 31	✓
Insulated Motor Bearings	✓
Motor Shaft Ground Ring	✓
Motor Winding Thermostats	✓



Additionally, these motors may be ordered with options and modifications available in Nidec’s Modified Vertical Motors Catalog (PB500), including project specific BABA certification letters, at extra cost.

**Vertical HOLLOSHAFTs High Thrust Motors - "P" Base Three Phase Weather Protected Type I (WPI)
Premium Efficient, Inverter Duty**

HP	RPM	Voltage	Frame	Catalog Number	Type	List w/NRR	List w/SRC	NEMA Nom. Eff.	Down Thrust (lbs.)	Base Dia (in.)	Cplg Height (in.)	Cplg BX (in.)	Cplg Key Size	Ship Wt. (lbs.)	Notes	Discount Symbol
150	1800	460	H444TP	HO150V2SLG-B	RUSI	\$26,667	\$25,377	95.8	9800	16.5	44-25/32	1-11/16	3/8	1500	51,97,E,PWS	7VM
	1800	460	H444TP	HO150V2SLGX-B	RUSI	\$27,358	\$26,058	95.8	17150	16.5	44-25/32	1-11/16	3/8	1500	51,97,E,PWS	7VM
200	1800	460	H445TPA	HO200V2SLH-B	RUSI	\$33,766	\$32,419	95.8	9800	20	44-25/32	1-11/16	3/8	1600	51,97,E,PWS	7VM
	1800	460	H445TPA	HO200V2SLHX-B	RUSI	\$34,692	\$33,345	95.8	17150	20	44-25/32	1-11/16	3/8	1600	51,97,E,PWS	7VM
250	1800	460	H445TPA	HO250V2SLH-B	RUSI	\$42,483	\$41,136	95.8	9800	20	44-25/32	1-11/16	3/8	1600	51,97,E,PWS	7VM
	1800	460	H445TPA	HO250V2SLHX-B	RUSI	\$43,585	\$42,238	95.8	17150	20	44-25/32	1-11/16	3/8	1600	51,97,E,PWS	7VM
300	1800	460	447TPA	HO300V2SLH-B	RUSI	\$48,807	\$47,248	95.8	9800	20	49-25/32	1-11/16	3/8	2200	51,97,E,PWS	7VM
	1800	460	447TPA	HO300V2SLHX-B	RUSI	\$50,075	\$48,516	95.8	17150	20	49-25/32	1-11/16	3/8	2200	51,97,E,PWS	7VM
350	1800	460	447TPA	HO350V2SLH-B	RUSI	\$54,666	\$53,107	95.8	9800	20	49-25/32	1-11/16	3/8	2200	51,97,E,PWS	7VM
	1800	460	447TPA	HO350V2SLHX-B	RUSI	\$56,092	\$54,533	95.8	17150	20	49-25/32	1-11/16	3/8	2200	51,97,E,PWS	7VM
400	1800	460	449TPH	HO400V2SLH-B	RUSI	\$80,483	\$78,835	96.2	9500	20	49-13/16	1-15/16	1/2	2800	51,97,E,PWS	8VM
	1800	460	449TPH	HO400V2SLHX-B	RUSI	\$84,507	\$82,858	96.2	28500	20	49-13/16	1-15/16	1/2	2800	V10,PWS	8VM
450	1800	460	449TPH	HO450V2SLH-B	RUSI	\$90,168	\$88,492	96.2	9500	20	49-13/16	1-15/16	1/2	2800	51,97,E,PWS	8VM
	1800	460	449TPH	HO450V2SLHX-B	RUSI	\$94,694	\$93,018	96.2	28500	20	49-13/16	1-15/16	1/2	2800	V10,PWS	8VM
500	1800	460	449TPH	HO500V2SFLH-B	RUSI	\$96,455	\$94,606	96.2	9500	20	49-13/16	2-3/16	1/2	3015	51,97,E,PWS	8VM
	1800	460	449TPH	HO500V2SFLHX-B	RUSI	\$101,722	\$99,873	96.2	28500	20	49-13/16	2-3/16	1/2	3015	V10,PWS	8VM
	1800	460	5008PH	HO500V2SLH-B	RUEI	\$106,808	\$104,866	96.2	9500	20	57-1/16	2-3/16	1/2	4200	51,97,E,PWS	8VM
	1800	460	5008PH	HO500V2SLHX-B	RUEI	\$112,148	\$110,110	96.2	28500	20	57-1/16	2-3/16	1/2	4200	V10,PWS	8VM
600	1800	460	5008P	HO600V2SFLJX-B	RUEI	\$136,821	\$134,334	96.2	28500	24.5	57-1/16	2-3/16	1/2	4200	V10,PWS	8VM

**Vertical HOLLOSHAFTs High Thrust Motors - "P" Base Three Phase TEFC CORRO-DUTY®'s
Premium Efficient, Inverter Duty**

HP	RPM	Voltage	Frame	Catalog Number	Type	List w/NRR	List w/SRC	NEMA Nom. Eff.	Down Thrust (lbs.)	Base Dia (in.)	Cplg Height (in.)	Cplg BX (in.)	Cplg Key Size	Ship Wt. (lbs.)	Notes	Discount Symbol
125	1800	460	444TP	CHT125V2CLG-B	TUCI	\$39,252	\$37,243	95.4	9300	16-1/2	42-1/2	1-1/2	3/8	1900	51,97,E	7VM
150	1800	460	447TP	CHT150V2CLG-B	TUCI	\$46,328	\$43,875	95.8	9300	16-1/2	46	1-1/2	3/8	2300	51,97,E	7VM
200	1800	460	447TP	CHT200V2CLG-B-B	TUCI	\$61,852	\$58,425	96.2	9300	16-1/2	46	1-11/16	3/8	2300	51,97,E	7VM
250	1800	460	449TP	CHT250V2CLJX-B	JUCEI	\$93,220	\$91,767	96.2	15400	24-1/2	56-7/8	1-11/16	3/8	3800	51,97,E	8VM
300	1800	460	449TP	CHT300V2CLJX-B	JUCEI	\$103,091	\$101,466	96.2	15400	24-1/2	56-7/8	1-15/16	1/2	3900	51,97,E	8VM

- Note 51 Equipped with Winding Thermostat
- Note 97 Inverter Duty with Inverter Grade Insulation
- Note D Includes internal shaft grounding ring
- Note E Includes internal shaft grounding ring and upper insulated bearing
- Note PWS Part Winding Start
- Note V10 Equipped with Winding thermostat, Requires minimal external thrust equal to 30% down thrust for values showed, Synthetic Oil required, Inverter Duty with Inverter Grade insulation, and Includes internal shaft grounding ring and upper insulated bearing

