

VERTICAL HOLLOW SHAFT MOTORS



2026



- NEMA frame hollow shaft cast iron motors
- Designed for deep well vertical turbine pumps

ENGINEERED
TO OUTFIT

ABB's Vertical Hollow Shaft (VHS) motors are purpose-built for vertical turbine pump applications where performance, reliability and longevity are non-negotiable. Engineered with a compact, robust design and optimized for deep well pumping, these motors deliver smooth, efficient power transmission and minimal maintenance in the harshest environments.

With decades of innovation behind every unit, ABB VHS motors combine trusted durability with advanced engineering—driving water, energy and industry forward with confidence.

ABB VHS MOTORS

Efficient, reliable, easy-to-maintain performance

ABB is a trusted global supplier of vertical hollow shaft pump motors, serving OEMs, electric motor distributors, well drillers and municipalities. These inverter-duty motors are built for long-lasting performance, offering low vibration and dependable operation in demanding environments.



Fit for purpose

- Designed for deep well vertical turbine applications, the coupling is at the top of the motor, which allows for easy access to the pump shaft and motor maintenance
- Machined for 175% extra high thrust capacity on 440 frames and above



Drop-in design

- Drops into standard NEMA frame vertical hollow shaft motors



Reliability

- NEMA WP1 weather protected and TEFC enclosed enclosures
- UL listed
- Non-reverse ratchet (NRR) design that prohibits a motor and pump from spinning in opposite directions
- Double-stacked bearing for extra high thrust capacity on 440 frames and above



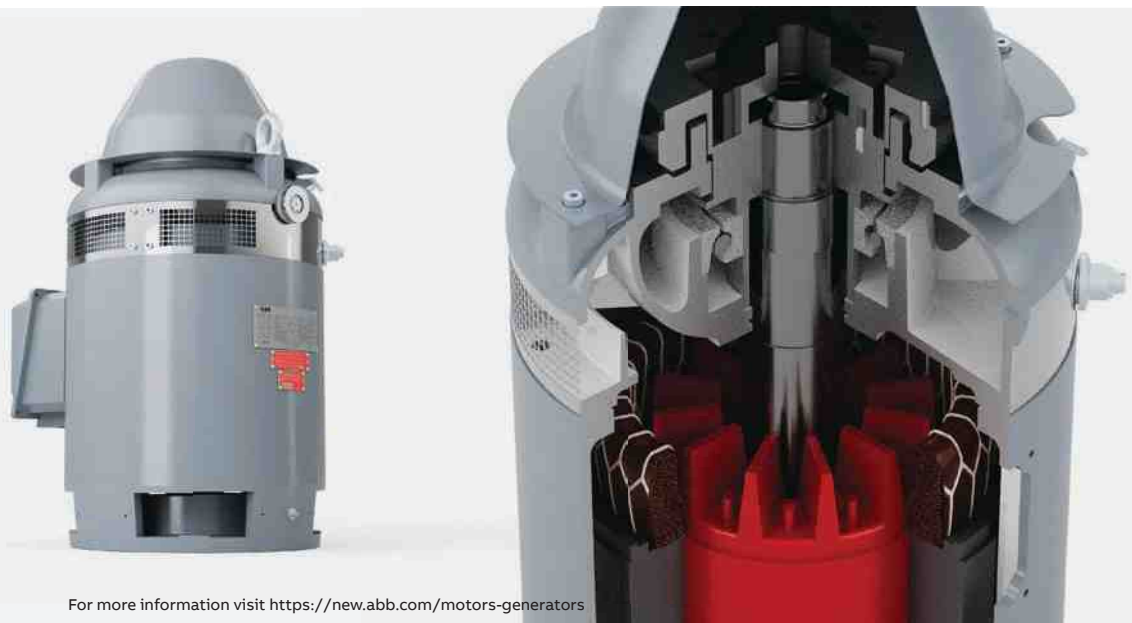
Durability

- Heavy duty cast iron construction
- Class F insulation, Class B rise at full load
- Space heater for harsh environments



User-friendly

- Motors suitable for part winding start or wye-delta start
- Lightweight top cover for easy maintenance
- Oversized conduit box
- Inverter duty per NEMA MG1



For more information visit <https://new.abb.com/motors-generators>

DESIGNED WITH YOUR BUSINESS IN MIND

Driving innovation across industries

Industries



Water and wastewater



Municipalities



Agriculture



Mining

Applications

Deep Well Pumping: Ideal for driving vertical turbine pumps to draw water from deep underground.

Irrigation Systems: Used in agriculture to pump water from wells to fields.

Water Supply Systems: Employed in municipal systems to pump water from wells or reservoirs to treatment plants.

Wastewater Treatment: Drives pumps to move wastewater through treatment processes.

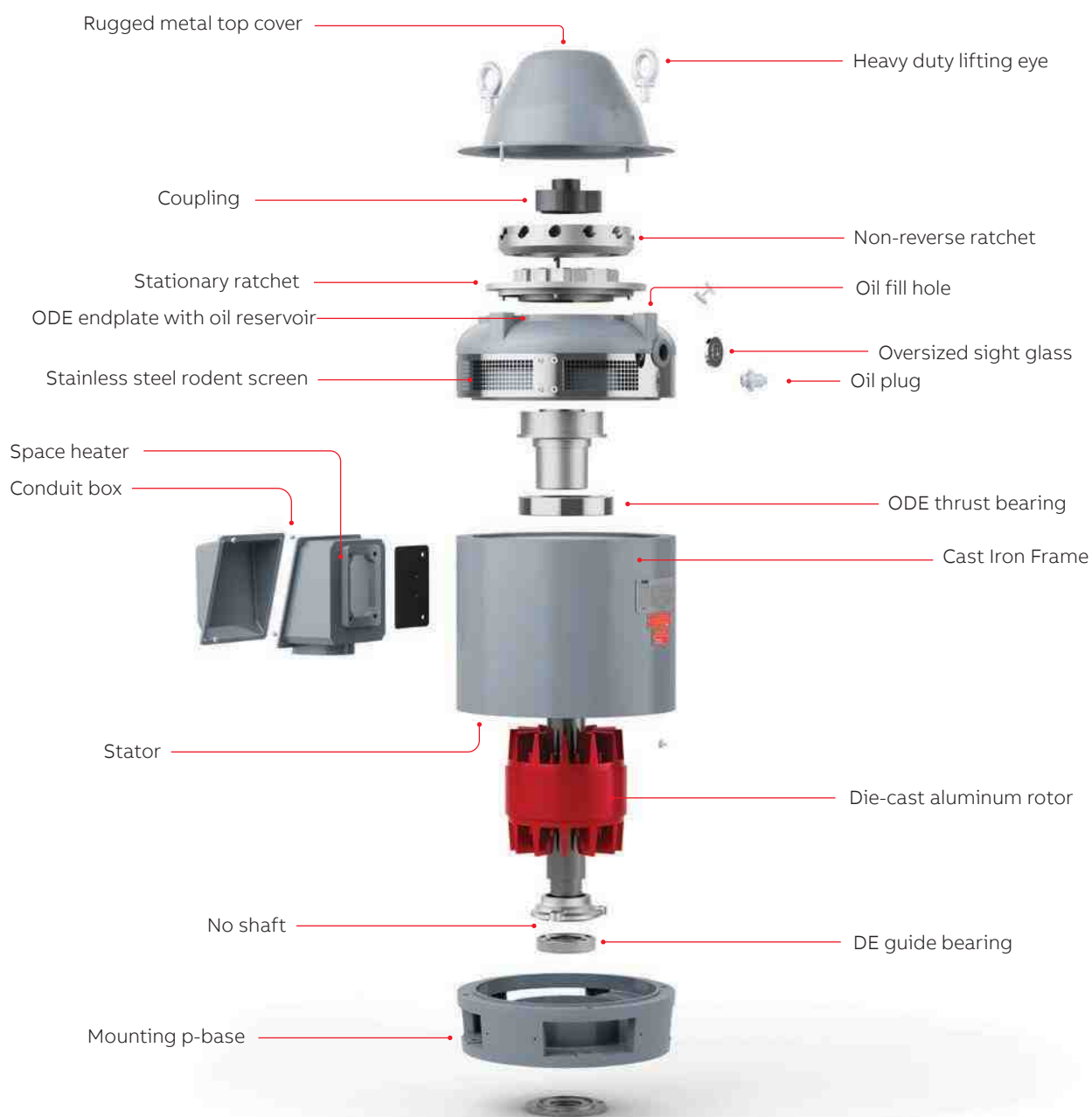
Cooling Towers: Used in industrial settings to circulate water and maintain temperatures.

Fire Protection Systems: Drives pumps supplying water to sprinkler systems or fire hydrants.

BUILT FOR POWER

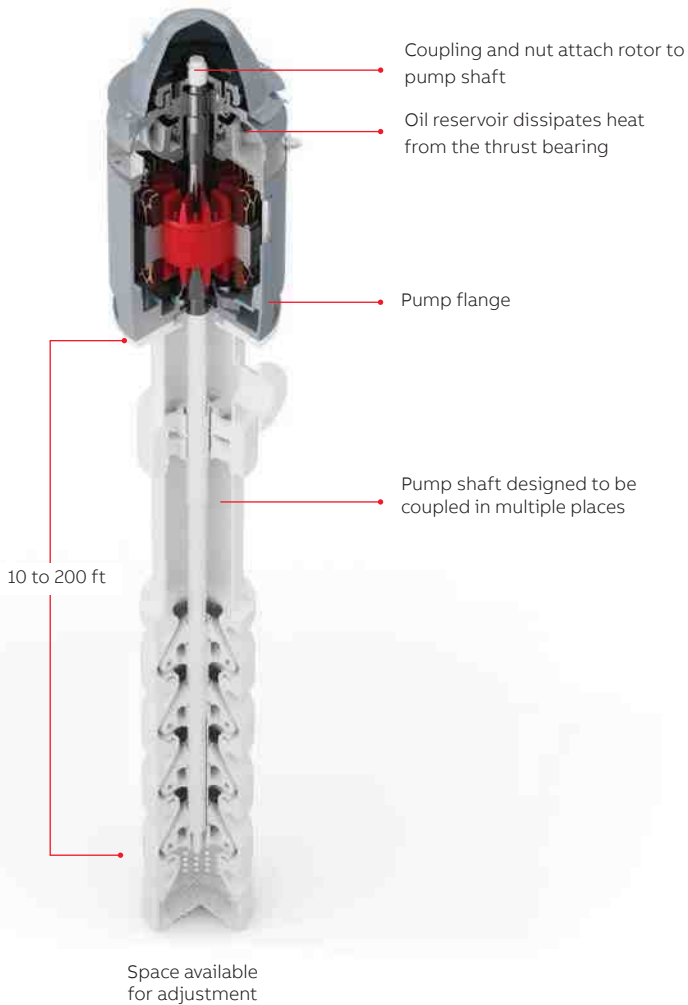
Engineered to perform

Put your trust in a better-built motor. Demand quality construction, lower total cost of ownership and optimum efficiency from the motors that drive your business.



A NEW ABB SOLUTION

Elevating your operations



ABB's Vertical Hollow Shaft (VHS) pump motors are engineered for high-performance, reliability and energy efficiency in demanding deep well pumping applications. Designed to meet the rigorous requirements of the water and wastewater, agricultural irrigation and industrial sectors, ABB VHS motors feature a robust construction with precision-balanced rotors and optimized ventilation for extended service life and reduced maintenance. The hollow shaft design allows for easy coupling with vertical turbine pumps, ensuring seamless power transmission and smooth operation.

With our commitment to sustainability and advanced motor technology, VHS motors deliver consistent torque, superior performance and energy savings in even the most challenging operating environments.

UL Listed Vertical Pump Motors

Our commitment to continual innovation and growth is reflected in our products.



VHS NOMENCLATURE

	Pole	Enclosure	Type	Hp	Efficiency	Frame	Model	P-Base	Volt/Hertz
	4	WP	HS	050	PE	32	A	B	42
Position	1	2	3	4	5	6	7	8	9
	4: 4-pole 2: 2-pole	WP: WP1 TE: TEFC	HS: VHS	7.5: 7.5 010: 10 015: 15 020: 20 100: 100 250: 250 Etc.	PE: Premium HE: High	21: 213/5 25: 254/6 28: 284/6 32: 324/6 36: 364/5 40: 404/5/7 50: 5006/8	A: Standard F: Fire pump	A: 10" B: 12" C: 16.5" D: 20" E: 24.5	42: 208-230 and 230/460 46: 460V @60Hz 56: 575V @60Hz 13: 380V @60Hz 14: 400V @60Hz 15: 415V @60Hz 23: 380V @50Hz 24: 400V @ 50Hz 25: 415V @50Hz

Position 1	Pole
4	4-pole
2	2-pole

Position 2	Enclosure
WP	WP1 weather protected
TE	TEFC totally enclosed fan cooled

Position 3	Type
HS	Hollow-shaft

Position 4	Power rating (HP)
7.5	7.5
010	10
015	15
020	20
025	25
030	30
040	40
050	50
060	60
075	75
100	100
125	125
150	150
200	200
250	250
300	300

Position 5	Efficiency
HE	Premium
PE	High

Position 6	NEMA frame size
21	213/215
25	254/6
28	284/6
32	324/6
36	364/5
40	404/5
44	444/5/7
50	5006/8

Position 7	VHS model
A	Standard
F	Fire pump

Position 8	P-base size (in.)
A	10"
B	12"
C	16.5"
D	20"
E	24.5

Position 9	Volt/Hertz
42	208-230/460 and 230/460 @60Hz
46	460V @60Hz
56	575V @60Hz
13	380V @60Hz
14	400V @60Hz
15	415V @60Hz
23	380V @50Hz
24	400V @50Hz
25	415V @50Hz

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ABB Vertical Hollow Shaft Motors



ABB Vertical Hollow Shaft Motors

ABB's Vertical Hollow Shaft (VHS) motors are purpose-built for vertical turbine pump applications where performance, reliability and longevity are non-negotiable. Engineered with a compact, robust design and optimized for deep well pumping, these motors deliver smooth, efficient power transmission and minimal maintenance in the harshest environments.

With decades of innovation behind every unit, ABB VHS motors combine trusted durability with advanced engineering—driving water, energy and industry forward with confidence.



VHS, WP1, three phase



VHS, TEFC, three phase



VHS, WP1, three phase, Fire pump



VHS, TEFC, three phase, Fire pump

VHS, WP1, three phase

15 thru 500 Hp

IP23

Features

- Premium efficient design (NEMA 12-12 and/ or IE3)
- 1.15 service factor (sine wave power)
- Maximum 40C ambient, 3300ft altitude
- Motors suitable for part winding start or Wye-Delta start
- NEMA Design B parameters with special balance
- Non-reverse ratchet (NRR)
- Polyurea grease drive end (DE) bearing
- PTC thermistors
- Space heaters (60Hz = 120V , 50Hz = 230V)

Applications

- Deep Well Pumping
- Irrigation Systems
- Water Supply Systems
- Wastewater Treatment
- Cooling Towers
- Fire Protection Systems

VHS, WP1, Premium efficient, three phase, US DOE



Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
15	1800	254TP	4WPHS015PE25AA42	4,385	485	93.0	18.5	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25AB42	4,385	485	93.0	18.5	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25AC42	4,385	485	93.0	18.5	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020PE25AA42	4,821	507	93.3	24.5	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25AB42	4,821	507	93.3	24.5	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25AC42	4,821	507	93.3	24.5	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025PE28AA42	5,477	546	93.7	29.8	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28AB42	5,477	546	93.7	29.8	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28AC42	5,477	546	93.7	29.8	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030PE28AA42	6,007	573	94.2	35.4	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28AB42	6,007	573	94.2	35.4	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28AC42	6,007	573	94.2	35.4	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040PE32AB42	6,665	725	94.2	48.4	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32AC42	6,665	725	94.2	48.4	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32AB42	7,795	793	94.7	57.3	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32AC42	7,795	793	94.7	57.3	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36AC42	9,094	926	95.1	67.8	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36AC42	10,883	1010	95.3	85.1	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40AC42	13,988	1422	95.5	113.8	6700	16.50	36.94	1.50

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, Premium efficient, three phase, US DOE

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
125	1800	405TP	4WPHS125PE40AC42	17,290	1488	95.5	138.1	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44AC42	22,565	1978	96.0	168.4	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44AD42	22,565	1978	96.0	168.4	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200PE44AC42	27,706	2038	96.2	220.6	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44AD42	27,706	2038	96.2	220.6	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44AC42	33,948	2038	96.3	274.0	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44AD42	33,948	2038	96.3	274.0	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44AC42	39,049	2468	96.5	341.6	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44AD42	39,049	2468	96.5	341.6	15680	20.00	49.75	1.94
460 volts, 60 Hz											
40	1800	324TP	4WPHS040PE32AB46	6,665	725	94.2	48.4	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32AC46	6,665	725	94.2	48.4	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32AB46	7,795	793	94.7	57.3	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32AC46	7,795	793	94.7	57.3	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36AC46	9,094	926	95.1	67.8	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36AC46	10,883	1010	95.3	85.1	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40AC46	13,988	1422	95.5	113.8	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125PE40AC46	17,290	1488	95.5	138.1	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44AC46	22,565	1978	96.0	168.4	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44AD46	22,565	1978	96.0	168.4	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200PE44AC46	27,706	2038	96.2	220.6	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44AD46	27,706	2038	96.2	220.6	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44AC46	33,948	2038	96.3	274.0	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44AD46	33,948	2038	96.3	274.0	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44AC46	39,049	2468	96.5	341.6	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44AD46	39,049	2468	96.5	341.6	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50AD46	41,398	3638	95.9	328.3	16480	20.00	49.75	1.94
		5006P	4WPHS300PE50AE46	41,398	3638	95.9	328.3	16480	24.50	49.75	1.94
350	1800	5006P	4WPHS350PE50AD46	43,747	3638	96.1	379.1	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50AE46	43,747	3638	96.1	379.1	16480	24.50	49.75	1.94
400	1800	5008P	4WPHS400PE50AE46	53,731	4648	96.2	436.2	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450PE50AE46	58,174	4648	96.4	487.5	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500PE50AE46	66,464	4648	96.4	537.7	16480	24.50	53.88	2.19

 Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, Premium efficient, three phase, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz



Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
380 volts, 50 Hz											
15	1500	254TP	4WPHS015PE25AA23	4,385	485	91.5	22.2	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25AB23	4,385	485	91.5	22.2	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25AC23	4,385	485	91.5	22.2	3300	16.50	23.38	1.00
20	1500	256TP	4WPHS020PE25AA23	4,821	507	92.1	28.9	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25AB23	4,821	507	92.1	28.9	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25AC23	4,821	507	92.1	28.9	3300	16.50	23.38	1.00
25	1500	284TP	4WPHS025PE28AA23	5,477	546	92.7	35.7	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28AB23	5,477	546	92.7	35.7	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28AC23	5,477	546	92.7	35.7	3300	16.50	24.75	1.00
30	1500	286TP	4WPHS030PE28AA23	6,007	573	93.1	42.6	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28AB23	6,007	573	93.1	42.6	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28AC23	6,007	573	93.1	42.6	3300	16.50	24.75	1.00
40	1500	324TP	4WPHS040PE32AB23	6,665	725	93.6	56.7	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32AC23	6,665	725	93.6	56.7	5700	16.50	28.22	1.25
50	1500	326TP	4WPHS050PE32AB23	7,795	793	93.9	69.3	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32AC23	7,795	793	93.9	69.3	5700	16.50	28.22	1.25
60	1500	364TP	4WPHS060PE36AC23	9,094	926	94.2	82.1	5700	16.50	31.16	1.25
75	1500	365TP	4WPHS075PE36AC23	10,883	1010	94.7	101.8	5700	16.50	31.16	1.25
100	1500	404TP	4WPHS100PE40AC23	13,988	1422	95.1	134.9	6700	16.50	36.94	1.50
125	1500	405TP	4WPHS125PE40AC23	17,290	1488	95.3	166.8	6700	16.50	36.94	1.50
150	1500	444TP	4WPHS150PE44AC23	22,565	1978	95.6	200.1	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44AD23	22,565	1978	95.6	200.1	15680	20.00	42.66	1.69
200	1500	445TP	4WPHS200PE44AC23	27,706	2038	95.9	267.1	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44AD23	27,706	2038	95.9	267.1	15680	20.00	42.66	1.69
250	1500	445TP	4WPHS250PE44AC23	33,948	2038	96.0	332.5	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44AD23	33,948	2038	96.0	332.5	15680	20.00	42.66	1.69
300	1500	447TP	4WPHS300PE44AC23	39,049	2468	96.0	401.5	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44AD23	39,049	2468	96.0	401.5	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50AD23	41,398	3638	96.0	393.9	16480	20.00	49.75	1.94
		5006P	4WPHS300PE50AE23	41,398	3638	96.0	393.9	16480	24.50	49.75	1.94
350	1500	5006P	4WPHS350PE50AD23	43,747	3638	96.1	460.5	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50AE23	43,747	3638	96.1	460.5	16480	24.50	49.75	1.94
400	1500	5008P	4WPHS400PE50AE23	53,731	4648	96.1	531.8	16480	24.50	53.88	2.19
450	1500	5008P	4WPHS450PE50AE23	58,174	4648	96.1	597.1	16480	24.50	53.88	2.19
500	1500	5008P	4WPHS500PE50AE23	66,464	4648	96.2	661.5	16480	24.50	53.88	2.19
380 volts, 60 Hz											
15	1800	254TP	4WPHS015PE25AA13	4,385	485	93.0	21.9	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25AB13	4,385	485	93.0	21.9	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25AC13	4,385	485	93.0	21.9	3300	16.50	23.38	1.00

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, Premium efficient, three phase, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
380 volts, 60 Hz											
20	1800	256TP	4WPHS020PE25AA13	4,821	507	93.1	28.7	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25AB13	4,821	507	93.1	28.7	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25AC13	4,821	507	93.1	28.7	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025PE28AA13	5,477	546	93.6	35.4	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28AB13	5,477	546	93.6	35.4	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28AC13	5,477	546	93.6	35.4	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030PE28AA13	6,007	573	94.1	42.2	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28AB13	6,007	573	94.1	42.2	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28AC13	6,007	573	94.1	42.2	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040PE32AB13	6,665	725	94.1	56.5	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32AC13	6,665	725	94.1	56.5	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32AB13	7,795	793	94.5	68.9	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32AC13	7,795	793	94.5	68.9	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36AC13	9,094	926	95.0	81.3	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36AC13	10,883	1010	95.1	101.2	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40AC13	13,988	1422	95.5	134.6	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125PE40AC13	17,290	1488	95.4	166.8	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44AC13	22,565	1978	95.9	200.2	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44AD13	22,565	1978	95.9	200.2	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200PE44AC13	27,706	2038	96.0	267.5	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44AD13	27,706	2038	96.0	267.5	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44AC13	33,948	2038	96.0	331.4	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44AD13	33,948	2038	96.0	331.4	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44AC13	39,049	2468	96.0	398.4	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44AD13	39,049	2468	96.0	398.4	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50AD13	41,398	3638	96.0	393.7	16480	20.00	49.75	1.94
		5006P	4WPHS300PE50AE13	41,398	3638	96.0	393.7	16480	24.50	49.75	1.94
350	1800	5006P	4WPHS350PE50AD13	43,747	3638	96.0	458.0	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50AE13	43,747	3638	96.0	458.0	16480	24.50	49.75	1.94
400	1800	5008P	4WPHS400PE50AE13	53,731	4648	96.0	522.5	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450PE50AE13	58,174	4648	96.3	586.6	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500PE50AE13	66,464	4648	96.3	651.5	16480	24.50	53.88	2.19
400 volts, 50 Hz											
15	1500	254TP	4WPHS015PE25AA24	4,385	485	91.6	21.2	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25AB24	4,385	485	91.6	21.2	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25AC24	4,385	485	91.6	21.2	3300	16.50	23.38	1.00
20	1500	256TP	4WPHS020PE25AA24	4,821	507	92.2	27.5	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25AB24	4,821	507	92.2	27.5	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25AC24	4,821	507	92.2	27.5	3300	16.50	23.38	1.00
25	1500	284TP	4WPHS025PE28AA24	5,477	546	92.8	34.3	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28AB24	5,477	546	92.8	34.3	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28AC24	5,477	546	92.8	34.3	3300	16.50	24.75	1.00
30	1500	286TP	4WPHS030PE28AA24	6,007	573	93.1	40.9	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28AB24	6,007	573	93.1	40.9	3300	12.00	24.75	1.00

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, Premium efficient, three phase, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
400 volts, 50 Hz											
30	1500	286TP	4WPHS030PE28AC24	6,007	573	93.1	40.9	3300	16.50	24.75	1.00
40	1500	324TP	4WPHS040PE32AB24	6,665	725	93.6	54.3	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32AC24	6,665	725	93.6	54.3	5700	16.50	28.22	1.25
50	1500	326TP	4WPHS050PE32AB24	7,795	793	93.9	66.0	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32AC24	7,795	793	93.9	66.0	5700	16.50	28.22	1.25
60	1500	364TP	4WPHS060PE36AC24	9,094	926	94.3	77.5	5700	16.50	31.16	1.25
75	1500	365TP	4WPHS075PE36AC24	10,883	1010	94.7	97.4	5700	16.50	31.16	1.25
100	1500	404TP	4WPHS100PE40AC24	13,988	1422	95.1	129.4	6700	16.50	36.94	1.50
125	1500	405TP	4WPHS125PE40AC24	17,290	1488	95.4	159.0	6700	16.50	36.94	1.50
150	1500	444TP	4WPHS150PE44AC24	22,565	1978	95.6	190.7	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44AD24	22,565	1978	95.6	190.7	15680	20.00	42.66	1.69
200	1500	445TP	4WPHS200PE44AC24	27,706	2038	95.9	254.6	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44AD24	27,706	2038	95.9	254.6	15680	20.00	42.66	1.69
250	1500	445TP	4WPHS250PE44AC24	33,948	2038	96.0	317.6	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44AD24	33,948	2038	96.0	317.6	15680	20.00	42.66	1.69
300	1500	447TP	4WPHS300PE44AC24	39,049	2468	96.0	384.9	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44AD24	39,049	2468	96.0	384.9	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50AD24	41,398	3638	96.1	377.4	16480	20.00	49.75	1.94
		5006P	4WPHS300PE50AE24	41,398	3638	96.1	377.4	16480	24.50	49.75	1.94
350	1500	5006P	4WPHS350PE50AD24	43,747	3638	96.1	441.1	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50AE24	43,747	3638	96.1	441.1	16480	24.50	49.75	1.94
400	1500	5008P	4WPHS400PE50AE24	53,731	4648	96.2	507.3	16480	24.50	53.88	2.19
450	1500	5008P	4WPHS450PE50AE24	58,174	4648	96.2	571.4	16480	24.50	53.88	2.19
500	1500	5008P	4WPHS500PE50AE24	66,464	4648	96.2	630.2	16480	24.50	53.88	2.19
400 volts, 60 Hz											
15	1800	254TP	4WPHS015PE25AA14	4,385	485	93.1	21.0	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25AB14	4,385	485	93.1	21.0	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25AC14	4,385	485	93.1	21.0	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020PE25AA14	4,821	507	93.3	27.1	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25AB14	4,821	507	93.3	27.1	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25AC14	4,821	507	93.3	27.1	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025PE28AA14	5,477	546	93.7	33.9	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28AB14	5,477	546	93.7	33.9	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28AC14	5,477	546	93.7	33.9	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030PE28AA14	6,007	573	94.3	40.4	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28AB14	6,007	573	94.3	40.4	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28AC14	6,007	573	94.3	40.4	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040PE32AB14	6,665	725	94.3	54.7	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32AC14	6,665	725	94.3	54.7	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32AB14	7,795	793	94.7	65.4	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32AC14	7,795	793	94.7	65.4	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36AC14	9,094	926	95.1	77.8	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36AC14	10,883	1010	95.2	97.2	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40AC14	13,988	1422	95.5	128.4	6700	16.50	36.94	1.50

Cast iron frame

Red catalog number indicates NEW product

VHS, WP1, Premium efficient, three phase, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
400 volts, 60 Hz											
125	1800	405TP	4WPHS125PE40AC14	17,290	1488	95.6	159.2	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44AC14	22,565	1978	96.0	190.6	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44AD14	22,565	1978	96.0	190.6	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200PE44AC14	27,706	2038	96.0	255.4	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44AD14	27,706	2038	96.0	255.4	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44AC14	33,948	2038	96.1	316.3	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44AD14	33,948	2038	96.1	316.3	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44AC14	39,049	2468	96.1	383.7	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44AD14	39,049	2468	96.1	383.7	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50AD14	41,398	3638	96.0	374.6	16480	20.00	49.75	1.94
		5006P	4WPHS300PE50AE14	41,398	3638	96.0	374.6	16480	24.50	49.75	1.94
		5006P	4WPHS350PE50AD14	43,747	3638	96.0	439.5	16480	20.00	49.75	1.94
350	1800	5006P	4WPHS350PE50AE14	43,747	3638	96.0	439.5	16480	24.50	49.75	1.94
400	1800	5008P	4WPHS400PE50AE14	53,731	4648	96.0	499.6	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450PE50AE14	58,174	4648	96.3	559.5	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500PE50AE14	66,464	4648	96.4	619.2	16480	24.50	53.88	2.19
415 volts, 50 Hz											
15	1500	254TP	4WPHS015PE25AA25	4,385	485	91.6	20.5	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25AB25	4,385	485	91.6	20.5	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25AC25	4,385	485	91.6	20.5	3300	16.50	23.38	1.00
20	1500	256TP	4WPHS020PE25AA25	4,821	507	92.2	26.5	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25AB25	4,821	507	92.2	26.5	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25AC25	4,821	507	92.2	26.5	3300	16.50	23.38	1.00
25	1500	284TP	4WPHS025PE28AA25	5,477	546	92.9	33.3	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28AB25	5,477	546	92.9	33.3	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28AC25	5,477	546	92.9	33.3	3300	16.50	24.75	1.00
30	1500	286TP	4WPHS030PE28AA25	6,007	573	93.1	39.7	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28AB25	6,007	573	93.1	39.7	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28AC25	6,007	573	93.1	39.7	3300	16.50	24.75	1.00
40	1500	324TP	4WPHS040PE32AB25	6,665	725	93.6	52.9	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32AC25	6,665	725	93.6	52.9	5700	16.50	28.22	1.25
50	1500	326TP	4WPHS050PE32AB25	7,795	793	94.0	63.9	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32AC25	7,795	793	94.0	63.9	5700	16.50	28.22	1.25
60	1500	364TP	4WPHS060PE36AC25	9,094	926	94.3	75.7	5700	16.50	31.16	1.25
75	1500	365TP	4WPHS075PE36AC25	10,883	1010	94.7	94.3	5700	16.50	31.16	1.25
100	1500	404TP	4WPHS100PE40AC25	13,988	1422	95.1	124.7	6700	16.50	36.94	1.50
125	1500	405TP	4WPHS125PE40AC25	17,290	1488	95.4	153.6	6700	16.50	36.94	1.50
150	1500	444TP	4WPHS150PE44AC25	22,565	1978	95.6	184.4	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44AD25	22,565	1978	95.6	184.4	15680	20.00	42.66	1.69
200	1500	445TP	4WPHS200PE44AC25	27,706	2038	95.9	245.6	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44AD25	27,706	2038	95.9	245.6	15680	20.00	42.66	1.69
250	1500	445TP	4WPHS250PE44AC25	33,948	2038	96.0	310.6	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44AD25	33,948	2038	96.0	310.6	15680	20.00	42.66	1.69
300	1500	447TP	4WPHS300PE44AC25	39,049	2468	96.1	375.2	15680	16.50	49.75	1.94

Cast iron frame

Red catalog number indicates NEW product

VHS, WP1, Premium efficient, three phase, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
415 volts, 50 Hz											
300	1500	447TP	4WPHS300PE44AD25	39,049	2468	96.1	375.2	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50AD25	41,398	3638	96.1	365.2	16480	20.00	49.75	1.94
		5006P	4WPHS300PE50AE25	41,398	3638	96.1	365.2	16480	24.50	49.75	1.94
350	1500	5006P	4WPHS350PE50AD25	43,747	3638	96.2	428.0	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50AE25	43,747	3638	96.2	428.0	16480	24.50	49.75	1.94
400	1500	5008P	4WPHS400PE50AE25	53,731	4648	96.2	490.8	16480	24.50	53.88	2.19
450	1500	5008P	4WPHS450PE50AE25	58,174	4648	96.3	552.6	16480	24.50	53.88	2.19
500	1500	5008P	4WPHS500PE50AE25	66,464	4648	96.3	609.9	16480	24.50	53.88	2.19
415 volts, 60 Hz											
15	1800	254TP	4WPHS015PE25AA15	4,385	485	93.1	20.3	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25AB15	4,385	485	93.1	20.3	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25AC15	4,385	485	93.1	20.3	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020PE25AA15	4,821	507	93.3	26.2	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25AB15	4,821	507	93.3	26.2	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25AC15	4,821	507	93.3	26.2	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025PE28AA15	5,477	546	93.7	33.1	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28AB15	5,477	546	93.7	33.1	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28AC15	5,477	546	93.7	33.1	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030PE28AA15	6,007	573	94.3	39.2	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28AB15	6,007	573	94.3	39.2	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28AC15	6,007	573	94.3	39.2	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040PE32AB15	6,665	725	94.3	52.9	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32AC15	6,665	725	94.3	52.9	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32AB15	7,795	793	94.7	63.5	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32AC15	7,795	793	94.7	63.5	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36AC15	9,094	926	95.1	75.2	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36AC15	10,883	1010	95.2	93.7	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40AC15	13,988	1422	95.5	124.5	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125PE40AC15	17,290	1488	95.6	153.8	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44AC15	22,565	1978	96.0	184.1	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44AD15	22,565	1978	96.0	184.1	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200PE44AC15	27,706	2038	96.1	246.7	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44AD15	27,706	2038	96.1	246.7	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44AC15	33,948	2038	96.0	306.3	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44AD15	33,948	2038	96.0	306.3	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44AC15	39,049	2468	96.1	374.5	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44AD15	39,049	2468	96.1	374.5	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50AD15	41,398	3638	96.1	361.8	16480	20.00	49.75	1.94
		5006P	4WPHS300PE50AE15	41,398	3638	96.1	361.8	16480	24.50	49.75	1.94
350	1800	5006P	4WPHS350PE50AD15	43,747	3638	96.0	425.5	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50AE15	43,747	3638	96.0	425.5	16480	24.50	49.75	1.94
400	1800	5008P	4WPHS400PE50AE15	53,731	4648	96.0	482.5	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450PE50AE15	58,174	4648	96.4	541.5	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500PE50AE15	66,464	4648	96.4	596.6	16480	24.50	53.88	2.19

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, three phase

15 thru 500 Hp

IP55

Features

- Premium efficient design (NEMA 12-12 and/ or IE3)
- 1.15 service factor (sine wave power)
- Maximum 40C ambient, 3300ft altitude
- Motors suitable for part winding start or Wye-Delta start
- NEMA Design B parameters with special balance
- Non-reverse ratchet (NRR)
- Polyurea grease drive end (DE) bearing
- PTC thermistors
- Space heaters (60Hz = 120V , 50Hz = 230V)

Applications

- Deep Well Pumping
- Irrigation Systems
- Water Supply Systems
- Wastewater Treatment
- Cooling Towers
- Fire Protection Systems

VHS, TEFC, Premium efficient, three phase, International



Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5PE21AA42	4,241	445	89.8	9.6	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010PE21AA42	4,724	495	89.9	12.7	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015PE25AA42	6,008	682	91.3	18.8	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25AB42	6,008	682	91.3	18.8	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25AC42	6,008	682	91.3	18.8	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020PE25AA42	6,605	731	91.3	24.8	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25AB42	6,605	731	91.3	24.8	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25AC42	6,605	731	91.3	24.8	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025PE28AA42	7,504	781	92.7	30.3	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28AB42	7,504	781	92.7	30.3	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28AC42	7,504	781	92.7	30.3	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030PE28AA42	8,230	825	92.7	35.9	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28AB42	8,230	825	92.7	35.9	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28AC42	8,230	825	92.7	35.9	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040PE32AC42	9,131	1034	93.2	47.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32AC42	10,680	1287	93.4	58.1	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060PE36AC42	12,459	1221	93.9	68.6	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36AC42	14,910	1243	94.4	85.7	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40AC42	19,164	2002	94.8	114.5	6700	16.50	39.93	1.50

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
125	1800	405TP	4TEHS125PE40AC42	23,688	2046	94.8	139.3	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44AC42	30,914	2332	95.2	169.9	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44AD42	30,914	2332	95.2	169.9	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200PE44AC42	37,958	2546	95.2	222.4	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44AD42	37,958	2546	95.2	222.4	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44AC42	46,509	2546	95.2	277.6	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44AD42	46,509	2546	95.2	277.6	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44AC42	53,498	3278	95.6	333.7	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44AD42	53,498	3278	95.6	333.7	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44AC42	56,938	3762	95.6	388.7	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44AD42	56,938	3762	95.6	388.7	15680	20.00	56.86	1.94
380 volts, 50 Hz											
7.5	1500	213TP	4TEHS7.5PE21AA23	4,241	445	87.7	11.7	2500	10.00	22.94	0.75
10	1500	215TP	4TEHS010PE21AA23	4,724	495	88.8	15.3	2500	10.00	22.94	0.75
15	1500	254TP	4TEHS015PE25AA23	6,008	682	89.9	22.6	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25AB23	6,008	682	89.9	22.6	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25AC23	6,008	682	89.9	22.6	3300	16.50	26.56	1.00
20	1500	256TP	4TEHS020PE25AA23	6,605	731	90.7	29.3	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25AB23	6,605	731	90.7	29.3	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25AC23	6,605	731	90.7	29.3	3300	16.50	26.56	1.00
25	1500	284TP	4TEHS025PE28AA23	7,504	781	91.3	36.4	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28AB23	7,504	781	91.3	36.4	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28AC23	7,504	781	91.3	36.4	3300	16.50	26.56	1.00
30	1500	286TP	4TEHS030PE28AA23	8,230	825	91.8	43.3	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28AB23	8,230	825	91.8	43.3	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28AC23	8,230	825	91.8	43.3	3300	16.50	26.56	1.00
40	1500	324TP	4TEHS040PE32AC23	9,131	1034	92.5	57.3	5700	16.50	28.66	1.25
50	1500	326TP	4TEHS050PE32AC23	10,680	1287	92.9	70.3	5700	16.50	28.66	1.25
60	1500	364TP	4TEHS060PE36AC23	12,459	1221	93.3	83.5	5700	16.50	30.08	1.25
75	1500	365TP	4TEHS075PE36AC23	14,910	1243	93.7	103.0	5700	16.50	30.08	1.25
100	1500	404TP	4TEHS100PE40AC23	19,164	2002	94.1	136.3	6700	16.50	39.93	1.50
125	1500	405TP	4TEHS125PE40AC23	23,688	2046	94.3	169.2	6700	16.50	39.93	1.50
150	1500	444TP	4TEHS150PE44AC23	30,914	2332	94.6	202.5	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44AD23	30,914	2332	94.6	202.5	15680	20.00	46.56	1.69
200	1500	445TP	4TEHS200PE44AC23	37,958	2546	95.0	268.9	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44AD23	37,958	2546	95.0	268.9	15680	20.00	46.56	1.69
250	1500	445TP	4TEHS250PE44AC23	46,509	2546	95.1	336.5	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44AD23	46,509	2546	95.1	336.5	15680	20.00	46.56	1.69
300	1500	447TP	4TEHS300PE44AC23	53,498	3278	95.3	403.8	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44AD23	53,498	3278	95.3	403.8	15680	20.00	52.81	1.94
350	1500	449TP	4TEHS350PE44AC23	56,938	3762	95.3	470.5	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44AD23	56,938	3762	95.3	470.5	15680	20.00	56.86	1.94
380 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5PE21AA13	4,241	445	89.7	11.4	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010PE21AA13	4,724	495	89.8	15.1	2500	10.00	22.94	0.75

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
380 volts, 60 Hz											
15	1800	254TP	4TEHS015PE25AA13	6,008	682	91.2	22.1	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25AB13	6,008	682	91.2	22.1	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25AC13	6,008	682	91.2	22.1	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020PE25AA13	6,605	731	91.3	29.3	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25AB13	6,605	731	91.3	29.3	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25AC13	6,605	731	91.3	29.3	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025PE28AA13	7,504	781	92.6	35.7	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28AB13	7,504	781	92.6	35.7	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28AC13	7,504	781	92.6	35.7	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030PE28AA13	8,230	825	92.6	42.8	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28AB13	8,230	825	92.6	42.8	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28AC13	8,230	825	92.6	42.8	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040PE32AC13	9,131	1034	93.2	56.9	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32AC13	10,680	1287	93.3	69.2	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060PE36AC13	12,459	1221	93.8	81.8	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36AC13	14,910	1243	94.3	101.9	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40AC13	19,164	2002	94.7	135.0	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125PE40AC13	23,688	2046	94.7	167.1	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44AC13	30,914	2332	95.1	201.5	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44AD13	30,914	2332	95.1	201.5	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200PE44AC13	37,958	2546	95.1	267.4	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44AD13	37,958	2546	95.1	267.4	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44AC13	46,509	2546	95.1	334.7	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44AD13	46,509	2546	95.1	334.7	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44AC13	53,498	3278	95.5	400.4	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44AD13	53,498	3278	95.5	400.4	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44AC13	56,938	3762	95.5	465.7	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44AD13	56,938	3762	95.5	465.7	15680	20.00	56.86	1.94
400 volts, 50 Hz											
7.5	1500	213TP	4TEHS7.5PE21AA24	4,241	445	87.8	11.2	2500	10.00	22.94	0.75
10	1500	215TP	4TEHS010PE21AA24	4,724	495	89.0	14.7	2500	10.00	22.94	0.75
15	1500	254TP	4TEHS015PE25AA24	6,008	682	90.0	21.5	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25AB24	6,008	682	90.0	21.5	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25AC24	6,008	682	90.0	21.5	3300	16.50	26.56	1.00
20	1500	256TP	4TEHS020PE25AA24	6,605	731	90.7	27.8	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25AB24	6,605	731	90.7	27.8	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25AC24	6,605	731	90.7	27.8	3300	16.50	26.56	1.00
25	1500	284TP	4TEHS025PE28AA24	7,504	781	91.4	34.9	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28AB24	7,504	781	91.4	34.9	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28AC24	7,504	781	91.4	34.9	3300	16.50	26.56	1.00
30	1500	286TP	4TEHS030PE28AA24	8,230	825	91.8	41.5	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28AB24	8,230	825	91.8	41.5	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28AC24	8,230	825	91.8	41.5	3300	16.50	26.56	1.00
40	1500	324TP	4TEHS040PE32AC24	9,131	1034	92.5	55.1	5700	16.50	28.66	1.25
50	1500	326TP	4TEHS050PE32AC24	10,680	1287	92.9	66.9	5700	16.50	28.66	1.25

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
400 volts, 50 Hz											
60	1500	364TP	4TEHS060PE36AC24	12,459	1221	93.3	78.5	5700	16.50	30.08	1.25
75	1500	365TP	4TEHS075PE36AC24	14,910	1243	93.7	98.7	5700	16.50	30.08	1.25
100	1500	404TP	4TEHS100PE40AC24	19,164	2002	94.1	130.8	6700	16.50	39.93	1.50
125	1500	405TP	4TEHS125PE40AC24	23,688	2046	94.3	161.0	6700	16.50	39.93	1.50
150	1500	444TP	4TEHS150PE44AC24	30,914	2332	94.7	192.8	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44AD24	30,914	2332	94.7	192.8	15680	20.00	46.56	1.69
200	1500	445TP	4TEHS200PE44AC24	37,958	2546	95.1	256.3	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44AD24	37,958	2546	95.1	256.3	15680	20.00	46.56	1.69
250	1500	445TP	4TEHS250PE44AC24	46,509	2546	95.2	320.4	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44AD24	46,509	2546	95.2	320.4	15680	20.00	46.56	1.69
300	1500	447TP	4TEHS300PE44AC24	53,498	3278	95.2	387.2	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44AD24	53,498	3278	95.2	387.2	15680	20.00	52.81	1.94
350	1500	449TP	4TEHS350PE44AC24	56,938	3762	95.3	452.0	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44AD24	56,938	3762	95.3	452.0	15680	20.00	56.86	1.94
400 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5PE21AA14	4,241	445	89.8	11.0	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010PE21AA14	4,724	495	89.8	14.7	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015PE25AA14	6,008	682	91.3	21.7	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25AB14	6,008	682	91.3	21.7	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25AC14	6,008	682	91.3	21.7	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020PE25AA14	6,605	731	91.3	28.5	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25AB14	6,605	731	91.3	28.5	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25AC14	6,605	731	91.3	28.5	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025PE28AA14	7,504	781	92.6	34.7	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28AB14	7,504	781	92.6	34.7	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28AC14	7,504	781	92.6	34.7	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030PE28AA14	8,230	825	92.6	41.3	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28AB14	8,230	825	92.6	41.3	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28AC14	8,230	825	92.6	41.3	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040PE32AC14	9,131	1034	93.2	54.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32AC14	10,680	1287	93.4	66.6	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060PE36AC14	12,459	1221	94.0	78.6	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36AC14	14,910	1243	94.4	98.5	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40AC14	19,164	2002	94.8	131.4	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125PE40AC14	23,688	2046	94.8	160.1	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44AC14	30,914	2332	95.2	195.3	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44AD14	30,914	2332	95.2	195.3	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200PE44AC14	37,958	2546	95.1	255.5	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44AD14	37,958	2546	95.1	255.5	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44AC14	46,509	2546	95.2	319.6	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44AD14	46,509	2546	95.2	319.6	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44AC14	53,498	3278	95.6	383.6	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44AD14	53,498	3278	95.6	383.6	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44AC14	56,938	3762	95.6	446.6	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44AD14	56,938	3762	95.6	446.6	15680	20.00	56.86	1.94

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
415 volts, 50 Hz											
7.5	1500	213TP	4TEHS7.5PE21AA25	4,241	445	87.8	10.8	2500	10.00	22.94	0.75
10	1500	215TP	4TEHS010PE21AA25	4,724	495	89.0	14.1	2500	10.00	22.94	0.75
15	1500	254TP	4TEHS015PE25AA25	6,008	682	90.0	20.9	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25AB25	6,008	682	90.0	20.9	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25AC25	6,008	682	90.0	20.9	3300	16.50	26.56	1.00
20	1500	256TP	4TEHS020PE25AA25	6,605	731	90.8	27.1	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25AB25	6,605	731	90.8	27.1	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25AC25	6,605	731	90.8	27.1	3300	16.50	26.56	1.00
25	1500	284TP	4TEHS025PE28AA25	7,504	781	91.4	34.0	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28AB25	7,504	781	91.4	34.0	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28AC25	7,504	781	91.4	34.0	3300	16.50	26.56	1.00
30	1500	286TP	4TEHS030PE28AA25	8,230	825	91.9	40.1	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28AB25	8,230	825	91.9	40.1	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28AC25	8,230	825	91.9	40.1	3300	16.50	26.56	1.00
40	1500	324TP	4TEHS040PE32AC25	9,131	1034	92.5	53.7	5700	16.50	28.66	1.25
50	1500	326TP	4TEHS050PE32AC25	10,680	1287	92.9	64.7	5700	16.50	28.66	1.25
60	1500	364TP	4TEHS060PE36AC25	12,459	1221	93.4	76.3	5700	16.50	30.08	1.25
75	1500	365TP	4TEHS075PE36AC25	14,910	1243	93.7	95.0	5700	16.50	30.08	1.25
100	1500	404TP	4TEHS100PE40AC25	19,164	2002	94.1	125.9	6700	16.50	39.93	1.50
125	1500	405TP	4TEHS125PE40AC25	23,688	2046	94.4	155.4	6700	16.50	39.93	1.50
150	1500	444TP	4TEHS150PE44AC25	30,914	2332	94.7	186.0	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44AD25	30,914	2332	94.7	186.0	15680	20.00	46.56	1.69
200	1500	445TP	4TEHS200PE44AC25	37,958	2546	95.1	247.6	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44AD25	37,958	2546	95.1	247.6	15680	20.00	46.56	1.69
250	1500	445TP	4TEHS250PE44AC25	46,509	2546	95.2	315.5	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44AD25	46,509	2546	95.2	315.5	15680	20.00	46.56	1.69
300	1500	447TP	4TEHS300PE44AC25	53,498	3278	95.3	377.4	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44AD25	53,498	3278	95.3	377.4	15680	20.00	52.81	1.94
350	1500	449TP	4TEHS350PE44AC25	56,938	3762	95.3	439.7	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44AD25	56,938	3762	95.3	439.7	15680	20.00	56.86	1.94
415 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5PE21AA15	4,241	445	89.8	10.6	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010PE21AA15	4,724	495	89.8	14.1	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015PE25AA15	6,008	682	91.3	20.9	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25AB15	6,008	682	91.3	20.9	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25AC15	6,008	682	91.3	20.9	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020PE25AA15	6,605	731	91.4	27.5	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25AB15	6,605	731	91.4	27.5	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25AC15	6,605	731	91.4	27.5	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025PE28AA15	7,504	781	92.6	33.4	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28AB15	7,504	781	92.6	33.4	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28AC15	7,504	781	92.6	33.4	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030PE28AA15	8,230	825	92.7	39.7	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28AB15	8,230	825	92.7	39.7	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28AC15	8,230	825	92.7	39.7	3300	16.50	26.56	1.00

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
415 volts, 60 Hz											
40	1800	324TP	4TEHS040PE32AC15	9,131	1034	93.2	52.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32AC15	10,680	1287	93.4	64.2	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060PE36AC15	12,459	1221	94.0	75.7	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36AC15	14,910	1243	94.4	94.9	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40AC15	19,164	2002	94.8	126.8	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125PE40AC15	23,688	2046	94.8	154.3	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44AC15	30,914	2332	95.2	188.4	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44AD15	30,914	2332	95.2	188.4	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200PE44AC15	37,958	2546	95.2	246.2	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44AD15	37,958	2546	95.2	246.2	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44AC15	46,509	2546	95.2	308.3	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44AD15	46,509	2546	95.2	308.3	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44AC15	53,498	3278	95.6	368.5	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44AD15	53,498	3278	95.6	368.5	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44AC15	56,938	3762	95.6	429.9	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44AD15	56,938	3762	95.6	429.9	15680	20.00	56.86	1.94
460 volts, 60 Hz											
40	1800	324TP	4TEHS040PE32AC46	9,131	1034	93.2	47.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32AC46	10,680	1287	93.4	58.1	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060PE36AC46	12,459	1221	93.9	68.6	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36AC46	14,910	1243	94.4	85.7	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40AC46	19,164	2002	94.8	114.5	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125PE40AC46	23,688	2046	94.8	139.3	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44AC46	30,914	2332	95.2	169.9	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44AD46	30,914	2332	95.2	169.9	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200PE44AC46	37,958	2546	95.2	222.4	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44AD46	37,958	2546	95.2	222.4	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44AC46	46,509	2546	95.2	277.6	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44AD46	46,509	2546	95.2	277.6	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44AC46	53,498	3278	95.6	333.7	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44AD46	53,498	3278	95.6	333.7	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44AC46	56,938	3762	95.6	388.7	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44AD46	56,938	3762	95.6	388.7	15680	20.00	56.86	1.94

 Cast iron frame
Red catalog number indicates **NEW** product

VHS, WP1, three phase, Fire pump

15 thru 500 Hp

IP23

Features

- Premium and High efficient designs
- Maximum 50C ambient, 3300ft altitude
- Motors suitable for DOL or Wye-Delta start
- NEMA Design B parameters with special balance
- Non-reverse ratchet (NRR)
- Polyurea grease drive end (DE) bearing
- PTC thermistors
- Space heaters (60Hz = 120V , 50Hz = 230V)

Applications

- Fire Protection Systems

VHS, WP1, Premium efficient, three phase, Fire pump, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz



Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
15	1800	254TP	4WPHS015PE25FA42	4,605	533	93.0	18.5	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25FB42	4,605	533	93.0	18.5	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25FC42	4,605	533	93.0	18.5	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020PE25FA42	5,063	557	93.3	24.5	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25FB42	5,063	557	93.3	24.5	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25FC42	5,063	557	93.3	24.5	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025PE28FA42	5,751	600	93.7	29.9	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28FB42	5,751	600	93.7	29.9	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28FC42	5,751	600	93.7	29.9	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030PE28FA42	6,308	630	94.2	35.4	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28FB42	6,308	630	94.2	35.4	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28FC42	6,308	630	94.2	35.4	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040PE32FB42	6,999	797	94.2	48.3	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32FC42	6,999	797	94.2	48.3	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32FB42	8,185	872	94.7	57.3	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32FC42	8,185	872	94.7	57.3	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36FC42	9,549	1018	95.1	67.8	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36FC42	11,428	1111	95.2	85.2	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40FC42	14,688	1564	95.5	113.8	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125PE40FC42	18,155	1636	95.5	138.1	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44FC42	23,694	2175	96.0	168.4	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44FD42	23,694	2175	96.0	168.4	15680	20.00	42.66	1.69

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, Premium efficient, three phase, Fire pump, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
200	1800	445TP	4WPHS200PE44FC42	29,092	2241	96.1	220.6	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44FD42	29,092	2241	96.1	220.6	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44FC42	35,646	2241	96.3	274.6	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44FD42	35,646	2241	96.3	274.6	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44FC42	41,002	2714	96.5	341.1	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44FD42	41,002	2714	96.5	341.1	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FD42	43,468	4001	95.9	328.3	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FE42	43,468	4001	95.9	328.3	15680	24.50	49.75	1.94
350	1800	449TP	4WPHS350PE44FC42	43,638	2813	96.2	386.6	16480	16.50	49.75	1.94
		449TP	4WPHS350PE44FD42	43,638	2813	96.2	386.6	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50FD42	45,935	4112	96.0	379.1	15680	20.00	49.75	1.94
		5006P	4WPHS350PE50FE42	45,935	4112	96.0	379.1	15680	24.50	49.75	1.94
400	1800	5008P	4WPHS400PE50FD42	56,418	5112	96.1	437.1	16480	20.00	53.88	2.19
		5008P	4WPHS400PE50FE42	56,418	5112	96.1	437.1	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450PE50FD42	61,083	5264	96.3	488.1	16480	20.00	53.88	2.19
		5008P	4WPHS450PE50FE42	61,083	5264	96.3	488.1	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500PE50FD42	69,788	5385	96.4	538.5	16480	20.00	53.88	2.19
		5008P	4WPHS500PE50FE42	69,788	5385	96.4	538.5	16480	24.50	53.88	2.19
380 volts, 50 Hz											
15	1500	254TP	4WPHS015PE25FA23	4,605	533	91.5	22.2	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25FB23	4,605	533	91.5	22.2	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25FC23	4,605	533	91.5	22.2	3300	16.50	23.38	1.00
20	1500	256TP	4WPHS020PE25FA23	5,063	557	92.1	28.8	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25FB23	5,063	557	92.1	28.8	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25FC23	5,063	557	92.1	28.8	3300	16.50	23.38	1.00
25	1500	284TP	4WPHS025PE28FA23	5,751	600	92.6	35.7	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28FB23	5,751	600	92.6	35.7	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28FC23	5,751	600	92.6	35.7	3300	16.50	24.75	1.00
30	1500	286TP	4WPHS030PE28FA23	6,308	630	93.0	42.7	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28FB23	6,308	630	93.0	42.7	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28FC23	6,308	630	93.0	42.7	3300	16.50	24.75	1.00
40	1500	324TP	4WPHS040PE32FB23	6,999	797	93.5	56.7	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32FC23	6,999	797	93.5	56.7	5700	16.50	28.22	1.25
50	1500	326TP	4WPHS050PE32FB23	8,185	872	93.9	69.4	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32FC23	8,185	872	93.9	69.4	5700	16.50	28.22	1.25
60	1500	364TP	4WPHS060PE36FC23	9,549	1018	94.2	82.3	5700	16.50	31.16	1.25
75	1500	365TP	4WPHS075PE36FC23	11,428	1111	94.6	101.7	5700	16.50	31.16	1.25
100	1500	404TP	4WPHS100PE40FC23	14,688	1564	95.0	134.8	6700	16.50	36.94	1.50
125	1500	405TP	4WPHS125PE40FC23	18,155	1636	95.3	167.0	6700	16.50	36.94	1.50
150	1500	444TP	4WPHS150PE44FC23	23,694	2175	95.5	200.5	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44FD23	23,694	2175	95.5	200.5	15680	20.00	42.66	1.69
200	1500	445TP	4WPHS200PE44FC23	29,092	2241	95.9	266.9	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44FD23	29,092	2241	95.9	266.9	15680	20.00	42.66	1.69
250	1500	445TP	4WPHS250PE44FC23	35,646	2241	95.9	333.4	15680	16.50	42.66	1.69

Cast iron frame

Red catalog number indicates NEW product

VHS, WP1, Premium efficient, three phase, Fire pump, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
380 volts, 50 Hz											
250	1500	445TP	4WPHS250PE44FD23	35,646	2241	95.9	333.4	15680	20.00	42.66	1.69
300	1500	447TP	4WPHS300PE44FC23	41,002	2714	96.0	401.1	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44FD23	41,002	2714	96.0	401.1	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FD23	43,468	4001	96.0	394.3	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FE23	43,468	4001	96.0	394.3	15680	24.50	49.75	1.94
		449TP	4WPHS350PE44FC23	43,638	2813	96.0	467.3	16480	16.50	49.75	1.94
350	1500	449TP	4WPHS350PE44FD23	43,638	2813	96.0	467.3	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50FD23	45,935	4112	96.0	461.0	15680	20.00	49.75	1.94
		5006P	4WPHS350PE50FE23	45,935	4112	96.0	461.0	15680	24.50	49.75	1.94
		5008P	4WPHS400PE50FD23	56,418	5112	96.0	531.7	16480	20.00	53.88	2.19
400	1500	5008P	4WPHS400PE50FE23	56,418	5112	96.0	531.7	16480	24.50	53.88	2.19
		5008P	4WPHS450PE50FD23	61,083	5264	96.1	598.7	16480	20.00	53.88	2.19
450	1500	5008P	4WPHS450PE50FE23	61,083	5264	96.1	598.7	16480	24.50	53.88	2.19
		5008P	4WPHS500PE50FD23	69,788	5385	96.1	662.8	16480	20.00	53.88	2.19
500	1500	5008P	4WPHS500PE50FE23	69,788	5385	96.1	662.8	16480	24.50	53.88	2.19
380 volts, 60 Hz											
15	1800	254TP	4WPHS015PE25FA13	4,605	533	93.0	22.0	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25FB13	4,605	533	93.0	22.0	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25FC13	4,605	533	93.0	22.0	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020PE25FA13	5,063	557	93.1	28.6	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25FB13	5,063	557	93.1	28.6	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25FC13	5,063	557	93.1	28.6	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025PE28FA13	5,751	600	93.7	35.4	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28FB13	5,751	600	93.7	35.4	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28FC13	5,751	600	93.7	35.4	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030PE28FA13	6,308	630	94.1	42.3	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28FB13	6,308	630	94.1	42.3	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28FC13	6,308	630	94.1	42.3	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040PE32FB13	6,999	797	94.2	56.7	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32FC13	6,999	797	94.2	56.7	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32FB13	8,185	872	94.5	69.1	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32FC13	8,185	872	94.5	69.1	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36FC13	9,549	1018	95.1	81.2	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36FC13	11,428	1111	95.1	101.3	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40FC13	14,688	1564	95.5	134.7	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125PE40FC13	18,155	1636	95.5	166.7	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44FC13	23,694	2175	95.9	201.0	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44FD13	23,694	2175	95.9	201.0	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200PE44FC13	29,092	2241	95.9	268.0	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44FD13	29,092	2241	95.9	268.0	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44FC13	35,646	2241	96.0	332.1	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44FD13	35,646	2241	96.0	332.1	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44FC13	41,002	2714	96.0	401.0	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44FD13	41,002	2714	96.0	401.0	15680	20.00	49.75	1.94

Cast iron frame

Red catalog number indicates NEW product

VHS, WP1, Premium efficient, three phase, Fire pump, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
380 volts, 60 Hz											
300	1800	5006P	4WPHS300PE50FD13	43,468	4001	96.0	393.4	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FE13	43,468	4001	96.0	393.4	15680	24.50	49.75	1.94
350	1800	449TP	4WPHS350PE44FC13	43,638	2813	96.1	466.1	16480	16.50	49.75	1.94
		449TP	4WPHS350PE44FD13	43,638	2813	96.1	466.1	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50FD13	45,935	4112	96.0	458.5	15680	20.00	49.75	1.94
		5006P	4WPHS350PE50FE13	45,935	4112	96.0	458.5	15680	24.50	49.75	1.94
400	1800	5008P	4WPHS400PE50FD13	56,418	5112	96.0	524.0	16480	20.00	53.88	2.19
		5008P	4WPHS400PE50FE13	56,418	5112	96.0	524.0	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450PE50FD13	61,083	5264	96.3	587.8	16480	20.00	53.88	2.19
		5008P	4WPHS450PE50FE13	61,083	5264	96.3	587.8	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500PE50FD13	69,788	5385	96.3	652.5	16480	20.00	53.88	2.19
		5008P	4WPHS500PE50FE13	69,788	5385	96.3	652.5	16480	24.50	53.88	2.19
400 volts, 50 Hz											
15	1500	254TP	4WPHS015PE25FA24	4,605	533	91.6	21.2	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25FB24	4,605	533	91.6	21.2	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25FC24	4,605	533	91.6	21.2	3300	16.50	23.38	1.00
20	1500	256TP	4WPHS020PE25FA24	5,063	557	92.2	27.5	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25FB24	5,063	557	92.2	27.5	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25FC24	5,063	557	92.2	27.5	3300	16.50	23.38	1.00
25	1500	284TP	4WPHS025PE28FA24	5,751	600	92.8	34.3	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28FB24	5,751	600	92.8	34.3	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28FC24	5,751	600	92.8	34.3	3300	16.50	24.75	1.00
30	1500	286TP	4WPHS030PE28FA24	6,308	630	93.1	40.9	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28FB24	6,308	630	93.1	40.9	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28FC24	6,308	630	93.1	40.9	3300	16.50	24.75	1.00
40	1500	324TP	4WPHS040PE32FB24	6,999	797	93.6	54.4	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32FC24	6,999	797	93.6	54.4	5700	16.50	28.22	1.25
50	1500	326TP	4WPHS050PE32FB24	8,185	872	94.0	66.3	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32FC24	8,185	872	94.0	66.3	5700	16.50	28.22	1.25
60	1500	364TP	4WPHS060PE36FC24	9,549	1018	94.3	77.4	5700	16.50	31.16	1.25
75	1500	365TP	4WPHS075PE36FC24	11,428	1111	94.6	97.4	5700	16.50	31.16	1.25
100	1500	404TP	4WPHS100PE40FC24	14,688	1564	95.1	129.6	6700	16.50	36.94	1.50
125	1500	405TP	4WPHS125PE40FC24	18,155	1636	95.3	159.2	6700	16.50	36.94	1.50
150	1500	444TP	4WPHS150PE44FC24	23,694	2175	95.5	190.8	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44FD24	23,694	2175	95.5	190.8	15680	20.00	42.66	1.69
200	1500	445TP	4WPHS200PE44FC24	29,092	2241	95.9	254.6	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44FD24	29,092	2241	95.9	254.6	15680	20.00	42.66	1.69
250	1500	445TP	4WPHS250PE44FC24	35,646	2241	96.0	318.8	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44FD24	35,646	2241	96.0	318.8	15680	20.00	42.66	1.69
300	1500	447TP	4WPHS300PE44FC24	41,002	2714	96.0	384.4	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44FD24	41,002	2714	96.0	384.4	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FD24	43,468	4001	96.0	377.9	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FE24	43,468	4001	96.0	377.9	15680	24.50	49.75	1.94
350	1500	449TP	4WPHS350PE44FC24	43,638	2813	96.1	448.9	16480	16.50	49.75	1.94

Cast iron frame

Red catalog number indicates NEW product

VHS, WP1, Premium efficient, three phase, Fire pump, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
400 volts, 50 Hz											
350	1500	449TP	4WPHS350PE44FD24	43,638	2813	96.1	448.9	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50FD24	45,935	4112	96.1	441.7	15680	20.00	49.75	1.94
		5006P	4WPHS350PE50FE24	45,935	4112	96.1	441.7	15680	24.50	49.75	1.94
400	1500	5008P	4WPHS400PE50FD24	56,418	5112	96.1	506.7	16480	20.00	53.88	2.19
		5008P	4WPHS400PE50FE24	56,418	5112	96.1	506.7	16480	24.50	53.88	2.19
450	1500	5008P	4WPHS450PE50FD24	61,083	5264	96.1	573.1	16480	20.00	53.88	2.19
		5008P	4WPHS450PE50FE24	61,083	5264	96.1	573.1	16480	24.50	53.88	2.19
500	1500	5008P	4WPHS500PE50FD24	69,788	5385	96.1	631.0	16480	20.00	53.88	2.19
		5008P	4WPHS500PE50FE24	69,788	5385	96.1	631.0	16480	24.50	53.88	2.19
400 volts, 60 Hz											
15	1800	254TP	4WPHS015PE25FA14	4,605	533	93.1	20.9	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25FB14	4,605	533	93.1	20.9	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25FC14	4,605	533	93.1	20.9	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020PE25FA14	5,063	557	93.2	27.2	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25FB14	5,063	557	93.2	27.2	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25FC14	5,063	557	93.2	27.2	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025PE28FA14	5,751	600	93.7	33.8	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28FB14	5,751	600	93.7	33.8	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28FC14	5,751	600	93.7	33.8	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030PE28FA14	6,308	630	94.2	40.4	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28FB14	6,308	630	94.2	40.4	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28FC14	6,308	630	94.2	40.4	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040PE32FB14	6,999	797	94.2	54.6	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32FC14	6,999	797	94.2	54.6	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32FB14	8,185	872	94.5	65.8	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32FC14	8,185	872	94.5	65.8	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36FC14	9,549	1018	95.1	77.5	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36FC14	11,428	1111	95.1	97.1	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40FC14	14,688	1564	95.5	128.7	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125PE40FC14	18,155	1636	95.5	159.4	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44FC14	23,694	2175	95.9	190.7	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44FD14	23,694	2175	95.9	190.7	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200PE44FC14	29,092	2241	95.9	255.4	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44FD14	29,092	2241	95.9	255.4	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44FC14	35,646	2241	96.0	317.5	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44FD14	35,646	2241	96.0	317.5	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44FC14	41,002	2714	96.1	384.2	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44FD14	41,002	2714	96.1	384.2	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FD14	43,468	4001	96.0	374.3	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FE14	43,468	4001	96.0	374.3	15680	24.50	49.75	1.94
350	1800	449TP	4WPHS350PE44FC14	43,638	2813	96.1	447.6	16480	16.50	49.75	1.94
		449TP	4WPHS350PE44FD14	43,638	2813	96.1	447.6	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50FD14	45,935	4112	96.0	438.6	15680	20.00	49.75	1.94
		5006P	4WPHS350PE50FE14	45,935	4112	96.0	438.6	15680	24.50	49.75	1.94

Cast iron frame

Red catalog number indicates NEW product

VHS, WP1, Premium efficient, three phase, Fire pump, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
400 volts, 60 Hz											
400	1800	5008P	4WPHS400PE50FD14	56,418	5112	96.0	500.1	16480	20.00	53.88	2.19
		5008P	4WPHS400PE50FE14	56,418	5112	96.0	500.1	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450PE50FD14	61,083	5264	96.3	561.5	16480	20.00	53.88	2.19
		5008P	4WPHS450PE50FE14	61,083	5264	96.3	561.5	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500PE50FD14	69,788	5385	96.3	620.4	16480	20.00	53.88	2.19
		5008P	4WPHS500PE50FE14	69,788	5385	96.3	620.4	16480	24.50	53.88	2.19
415 volts, 50 Hz											
15	1500	254TP	4WPHS015PE25FA25	4,605	533	91.6	20.6	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25FB25	4,605	533	91.6	20.6	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25FC25	4,605	533	91.6	20.6	3300	16.50	23.38	1.00
20	1500	256TP	4WPHS020PE25FA25	5,063	557	92.2	26.6	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25FB25	5,063	557	92.2	26.6	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25FC25	5,063	557	92.2	26.6	3300	16.50	23.38	1.00
25	1500	284TP	4WPHS025PE28FA25	5,751	600	92.8	33.4	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28FB25	5,751	600	92.8	33.4	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28FC25	5,751	600	92.8	33.4	3300	16.50	24.75	1.00
30	1500	286TP	4WPHS030PE28FA25	6,308	630	93.1	39.7	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28FB25	6,308	630	93.1	39.7	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28FC25	6,308	630	93.1	39.7	3300	16.50	24.75	1.00
40	1500	324TP	4WPHS040PE32FB25	6,999	797	93.6	53.2	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32FC25	6,999	797	93.6	53.2	5700	16.50	28.22	1.25
50	1500	326TP	4WPHS050PE32FB25	8,185	872	94.0	64.1	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32FC25	8,185	872	94.0	64.1	5700	16.50	28.22	1.25
60	1500	364TP	4WPHS060PE36FC25	9,549	1018	94.3	75.6	5700	16.50	31.16	1.25
75	1500	365TP	4WPHS075PE36FC25	11,428	1111	94.7	94.3	5700	16.50	31.16	1.25
100	1500	404TP	4WPHS100PE40FC25	14,688	1564	95.1	125.0	6700	16.50	36.94	1.50
125	1500	405TP	4WPHS125PE40FC25	18,155	1636	95.4	153.5	6700	16.50	36.94	1.50
150	1500	444TP	4WPHS150PE44FC25	23,694	2175	95.5	184.5	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44FD25	23,694	2175	95.5	184.5	15680	20.00	42.66	1.69
200	1500	445TP	4WPHS200PE44FC25	29,092	2241	95.9	246.0	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44FD25	29,092	2241	95.9	246.0	15680	20.00	42.66	1.69
250	1500	445TP	4WPHS250PE44FC25	35,646	2241	96.0	313.2	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44FD25	35,646	2241	96.0	313.2	15680	20.00	42.66	1.69
300	1500	447TP	4WPHS300PE44FC25	41,002	2714	96.0	374.9	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44FD25	41,002	2714	96.0	374.9	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FD25	43,468	4001	96.1	365.8	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FE25	43,468	4001	96.1	365.8	15680	24.50	49.75	1.94
350	1500	449TP	4WPHS350PE44FC25	43,638	2813	96.1	436.7	16480	16.50	49.75	1.94
		449TP	4WPHS350PE44FD25	43,638	2813	96.1	436.7	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50FD25	45,935	4112	96.1	429.1	15680	20.00	49.75	1.94
		5006P	4WPHS350PE50FE25	45,935	4112	96.1	429.1	15680	24.50	49.75	1.94
400	1500	5008P	4WPHS400PE50FD25	56,418	5112	96.1	492.2	16480	20.00	53.88	2.19
		5008P	4WPHS400PE50FE25	56,418	5112	96.1	492.2	16480	24.50	53.88	2.19
450	1500	5008P	4WPHS450PE50FD25	61,083	5264	96.1	556.6	16480	20.00	53.88	2.19

Cast iron frame

Red catalog number indicates NEW product

VHS, WP1, Premium efficient, three phase, Fire pump, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
415 volts, 50 Hz											
450	1500	5008P	4WPHS450PE50FE25	61,083	5264	96.1	556.6	16480	24.50	53.88	2.19
500	1500	5008P	4WPHS500PE50FD25	69,788	5385	96.1	610.2	16480	20.00	53.88	2.19
		5008P	4WPHS500PE50FE25	69,788	5385	96.1	610.2	16480	24.50	53.88	2.19
415 volts, 60 Hz											
15	1800	254TP	4WPHS015PE25FA15	4,605	533	93.0	20.2	3300	10.00	23.38	1.00
		254TP	4WPHS015PE25FB15	4,605	533	93.0	20.2	3300	12.00	23.38	1.00
		254TP	4WPHS015PE25FC15	4,605	533	93.0	20.2	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020PE25FA15	5,063	557	93.3	26.2	3300	10.00	23.38	1.00
		256TP	4WPHS020PE25FB15	5,063	557	93.3	26.2	3300	12.00	23.38	1.00
		256TP	4WPHS020PE25FC15	5,063	557	93.3	26.2	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025PE28FA15	5,751	600	93.7	33.0	3300	10.00	24.75	1.00
		284TP	4WPHS025PE28FB15	5,751	600	93.7	33.0	3300	12.00	24.75	1.00
		284TP	4WPHS025PE28FC15	5,751	600	93.7	33.0	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030PE28FA15	6,308	630	94.2	39.2	3300	10.00	24.75	1.00
		286TP	4WPHS030PE28FB15	6,308	630	94.2	39.2	3300	12.00	24.75	1.00
		286TP	4WPHS030PE28FC15	6,308	630	94.2	39.2	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040PE32FB15	6,999	797	94.2	52.8	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32FC15	6,999	797	94.2	52.8	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32FB15	8,185	872	94.6	63.6	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32FC15	8,185	872	94.6	63.6	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36FC15	9,549	1018	95.1	75.0	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36FC15	11,428	1111	95.2	93.9	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40FC15	14,688	1564	95.5	124.3	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125PE40FC15	18,155	1636	95.5	153.3	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44FC15	23,694	2175	95.9	184.2	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44FD15	23,694	2175	95.9	184.2	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200PE44FC15	29,092	2241	96.0	246.3	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44FD15	29,092	2241	96.0	246.3	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44FC15	35,646	2241	96.0	306.7	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44FD15	35,646	2241	96.0	306.7	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44FC15	41,002	2714	96.1	375.1	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44FD15	41,002	2714	96.1	375.1	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FD15	43,468	4001	96.0	361.1	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FE15	43,468	4001	96.0	361.1	15680	24.50	49.75	1.94
350	1800	449TP	4WPHS350PE44FC15	43,638	2813	96.1	437.0	16480	16.50	49.75	1.94
		449TP	4WPHS350PE44FD15	43,638	2813	96.1	437.0	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50FD15	45,935	4112	96.1	426.8	15680	20.00	49.75	1.94
		5006P	4WPHS350PE50FE15	45,935	4112	96.1	426.8	15680	24.50	49.75	1.94
400	1800	5008P	4WPHS400PE50FD15	56,418	5112	96.1	481.3	16480	20.00	53.88	2.19
		5008P	4WPHS400PE50FE15	56,418	5112	96.1	481.3	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450PE50FD15	61,083	5264	96.3	542.3	16480	20.00	53.88	2.19
		5008P	4WPHS450PE50FE15	61,083	5264	96.3	542.3	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500PE50FD15	69,788	5385	96.3	598.0	16480	20.00	53.88	2.19
		5008P	4WPHS500PE50FE15	69,788	5385	96.3	598.0	16480	24.50	53.88	2.19

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, Premium efficient, three phase, Fire pump, International

Premium Eff. (NEMA 12-12) / IE3 (Premium Efficiency)

Note: 75Hp and 200-400Hp meet Premium Eff. (NEMA 12-12) / IE2 (High Efficiency) at 60Hz

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
460 volts, 60 Hz											
40	1800	324TP	4WPHS040PE32FB46	6,999	797	94.2	48.3	5700	12.00	28.22	1.25
		324TP	4WPHS040PE32FC46	6,999	797	94.2	48.3	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050PE32FB46	8,185	872	94.7	57.3	5700	12.00	28.22	1.25
		326TP	4WPHS050PE32FC46	8,185	872	94.7	57.3	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060PE36FC46	9,549	1018	95.1	67.8	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075PE36FC46	11,428	1111	95.2	85.2	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100PE40FC46	14,688	1564	95.5	113.8	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125PE40FC46	18,155	1636	95.5	138.1	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150PE44FC46	23,694	2175	96.0	168.4	15680	16.50	42.66	1.69
		444TP	4WPHS150PE44FD46	23,694	2175	96.0	168.4	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200PE44FC46	29,092	2241	96.1	220.6	15680	16.50	42.66	1.69
		445TP	4WPHS200PE44FD46	29,092	2241	96.1	220.6	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250PE44FC46	35,646	2241	96.3	274.6	15680	16.50	42.66	1.69
		445TP	4WPHS250PE44FD46	35,646	2241	96.3	274.6	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300PE44FC46	41,002	2714	96.5	341.1	15680	16.50	49.75	1.94
		447TP	4WPHS300PE44FD46	41,002	2714	96.5	341.1	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FD46	43,468	4001	95.9	328.3	15680	20.00	49.75	1.94
		5006P	4WPHS300PE50FE46	43,468	4001	95.9	328.3	15680	24.50	49.75	1.94
350	1800	449TP	4WPHS350PE44FC46	43,638	2813	96.2	386.6	16480	16.50	49.75	1.94
		449TP	4WPHS350PE44FD46	43,638	2813	96.2	386.6	16480	20.00	49.75	1.94
		5006P	4WPHS350PE50FD46	45,935	4112	96.0	379.1	15680	20.00	49.75	1.94
		5006P	4WPHS350PE50FE46	45,935	4112	96.0	379.1	15680	24.50	49.75	1.94
400	1800	5008P	4WPHS400PE50FD46	56,418	5112	96.1	437.1	16480	20.00	53.88	2.19
		5008P	4WPHS400PE50FE46	56,418	5112	96.1	437.1	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450PE50FD46	61,083	5264	96.3	488.1	16480	20.00	53.88	2.19
		5008P	4WPHS450PE50FE46	61,083	5264	96.3	488.1	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500PE50FD46	69,788	5385	96.4	538.5	16480	20.00	53.88	2.19
		5008P	4WPHS500PE50FE46	69,788	5385	96.4	538.5	16480	24.50	53.88	2.19

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, High efficient, three phase, Fire pump, International



Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
15	1800	254TP	4WPHS015HE25FA42	4,375	533	93.0	18.5	3300	10.00	23.38	1.00
		254TP	4WPHS015HE25FB42	4,375	533	93.0	18.5	3300	12.00	23.38	1.00
		254TP	4WPHS015HE25FC42	4,375	533	93.0	18.5	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020HE25FA42	4,809	557	93.3	24.5	3300	10.00	23.38	1.00
		256TP	4WPHS020HE25FB42	4,809	557	93.3	24.5	3300	12.00	23.38	1.00
		256TP	4WPHS020HE25FC42	4,809	557	93.3	24.5	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025HE28FA42	5,464	600	93.7	29.9	3300	10.00	24.75	1.00
		284TP	4WPHS025HE28FB42	5,464	600	93.7	29.9	3300	12.00	24.75	1.00
		284TP	4WPHS025HE28FC42	5,464	600	93.7	29.9	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030HE28FA42	5,992	630	94.2	35.4	3300	10.00	24.75	1.00
		286TP	4WPHS030HE28FB42	5,992	630	94.2	35.4	3300	12.00	24.75	1.00
		286TP	4WPHS030HE28FC42	5,992	630	94.2	35.4	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040HE32FB42	6,649	797	94.2	48.3	5700	12.00	28.22	1.25
		324TP	4WPHS040HE32FC42	6,649	797	94.2	48.3	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050HE32FB42	7,776	872	94.7	57.3	5700	12.00	28.22	1.25
		326TP	4WPHS050HE32FC42	7,776	872	94.7	57.3	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060HE36FC42	9,072	1018	95.1	67.8	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075HE36FC42	10,856	1111	95.2	85.2	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100HE40FC42	13,954	1564	95.5	113.8	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125HE40FC42	17,247	1636	95.5	138.1	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150HE44FC42	22,509	2175	96.0	168.4	15680	16.50	42.66	1.69
		444TP	4WPHS150HE44FD42	22,509	2175	96.0	168.4	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200HE44FC42	27,637	2241	96.1	220.6	15680	16.50	42.66	1.69
		445TP	4WPHS200HE44FD42	27,637	2241	96.1	220.6	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250HE44FC42	33,864	2241	96.3	274.6	15680	16.50	42.66	1.69
		445TP	4WPHS250HE44FD42	33,864	2241	96.3	274.6	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300HE44FC42	38,952	2714	96.5	341.1	15680	16.50	49.75	1.94
		447TP	4WPHS300HE44FD42	38,952	2714	96.5	341.1	15680	20.00	49.75	1.94
		5006P	4WPHS300HE50FD42	41,295	4001	95.9	328.3	16480	20.00	49.75	1.94
		5006P	4WPHS300HE50FE42	41,295	4001	95.9	328.3	16480	24.50	49.75	1.94
350	1800	449TP	4WPHS350HE44FC42	41,457	2813	96.2	386.6	15680	16.50	49.75	1.94
		449TP	4WPHS350HE44FD42	41,457	2813	96.2	386.6	15680	20.00	49.75	1.94
		5006P	4WPHS350HE50FD42	43,638	4112	96.0	379.1	16480	20.00	49.75	1.94
		5006P	4WPHS350HE50FE42	43,638	4112	96.0	379.1	16480	24.50	49.75	1.94
400	1800	5008P	4WPHS400HE50FD42	53,597	5112	96.1	437.1	16480	20.00	53.88	2.19
		5008P	4WPHS400HE50FE42	53,597	5112	96.1	437.1	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450HE50FD42	58,029	5264	96.3	488.1	16480	20.00	53.88	2.19
		5008P	4WPHS450HE50FE42	58,029	5264	96.3	488.1	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500HE50FD42	66,298	5385	96.4	538.5	16480	20.00	53.88	2.19

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
500	1800	5008P	4WPHS500HE50FE42	66,298	5385	96.4	538.5	16480	24.50	53.88	2.19
380 volts, 50 Hz											
15	1500	254TP	4WPHS015HE25FA23	4,375	533	91.5	22.2	3300	10.00	23.38	1.00
		254TP	4WPHS015HE25FB23	4,375	533	91.5	22.2	3300	12.00	23.38	1.00
		254TP	4WPHS015HE25FC23	4,375	533	91.5	22.2	3300	16.50	23.38	1.00
20	1500	256TP	4WPHS020HE25FA23	4,809	557	92.1	28.8	3300	10.00	23.38	1.00
		256TP	4WPHS020HE25FB23	4,809	557	92.1	28.8	3300	12.00	23.38	1.00
		256TP	4WPHS020HE25FC23	4,809	557	92.1	28.8	3300	16.50	23.38	1.00
25	1500	284TP	4WPHS025HE28FA23	5,464	600	92.6	35.7	3300	10.00	24.75	1.00
		284TP	4WPHS025HE28FB23	5,464	600	92.6	35.7	3300	12.00	24.75	1.00
		284TP	4WPHS025HE28FC23	5,464	600	92.6	35.7	3300	16.50	24.75	1.00
30	1500	286TP	4WPHS030HE28FA23	5,992	630	93.0	42.7	3300	10.00	24.75	1.00
		286TP	4WPHS030HE28FB23	5,992	630	93.0	42.7	3300	12.00	24.75	1.00
		286TP	4WPHS030HE28FC23	5,992	630	93.0	42.7	3300	16.50	24.75	1.00
40	1500	324TP	4WPHS040HE32FB23	6,649	797	93.5	56.7	5700	12.00	28.22	1.25
		324TP	4WPHS040HE32FC23	6,649	797	93.5	56.7	5700	16.50	28.22	1.25
50	1500	326TP	4WPHS050HE32FB23	7,776	872	93.9	69.4	5700	12.00	28.22	1.25
		326TP	4WPHS050HE32FC23	7,776	872	93.9	69.4	5700	16.50	28.22	1.25
60	1500	364TP	4WPHS060HE36FC23	9,072	1018	94.2	82.3	5700	16.50	31.16	1.25
75	1500	365TP	4WPHS075HE36FC23	10,856	1111	94.6	101.7	5700	16.50	31.16	1.25
100	1500	404TP	4WPHS100HE40FC23	13,954	1564	95.0	134.8	6700	16.50	36.94	1.50
125	1500	405TP	4WPHS125HE40FC23	17,247	1636	95.3	167.0	6700	16.50	36.94	1.50
150	1500	444TP	4WPHS150HE44FC23	22,509	2175	95.5	200.5	15680	16.50	42.66	1.69
		444TP	4WPHS150HE44FD23	22,509	2175	95.5	200.5	15680	20.00	42.66	1.69
200	1500	445TP	4WPHS200HE44FC23	27,637	2241	95.9	266.9	15680	16.50	42.66	1.69
		445TP	4WPHS200HE44FD23	27,637	2241	95.9	266.9	15680	20.00	42.66	1.69
250	1500	445TP	4WPHS250HE44FC23	33,864	2241	95.9	333.4	15680	16.50	42.66	1.69
		445TP	4WPHS250HE44FD23	33,864	2241	95.9	333.4	15680	20.00	42.66	1.69
300	1500	447TP	4WPHS300HE44FC23	38,952	2714	96.0	401.1	15680	16.50	49.75	1.94
		447TP	4WPHS300HE44FD23	38,952	2714	96.0	401.1	15680	20.00	49.75	1.94
		5006P	4WPHS300HE50FD23	41,295	4001	96.0	394.3	16480	20.00	49.75	1.94
		5006P	4WPHS300HE50FE23	41,295	4001	96.0	394.3	16480	24.50	49.75	1.94
350	1500	449TP	4WPHS350HE44FC23	41,457	2813	96.0	467.3	15680	16.50	49.75	1.94
		449TP	4WPHS350HE44FD23	41,457	2813	96.0	467.3	15680	20.00	49.75	1.94
		5006P	4WPHS350HE50FD23	43,638	4112	96.0	461.0	16480	20.00	49.75	1.94
		5006P	4WPHS350HE50FE23	43,638	4112	96.0	461.0	16480	24.50	49.75	1.94
400	1500	5008P	4WPHS400HE50FD23	53,597	5112	96.0	531.7	16480	20.00	53.88	2.19
		5008P	4WPHS400HE50FE23	53,597	5112	96.0	531.7	16480	24.50	53.88	2.19
450	1500	5008P	4WPHS450HE50FD23	58,029	5264	96.1	598.7	16480	20.00	53.88	2.19
		5008P	4WPHS450HE50FE23	58,029	5264	96.1	598.7	16480	24.50	53.88	2.19
500	1500	5008P	4WPHS500HE50FD23	66,298	5385	96.1	662.8	16480	20.00	53.88	2.19
		5008P	4WPHS500HE50FE23	66,298	5385	96.1	662.8	16480	24.50	53.88	2.19
380 volts, 60 Hz											
15	1800	254TP	4WPHS015HE25FA13	4,375	533	93.0	22.0	3300	10.00	23.38	1.00
		254TP	4WPHS015HE25FB13	4,375	533	93.0	22.0	3300	12.00	23.38	1.00

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
380 volts, 60 Hz											
15	1800	254TP	4WPHS015HE25FC13	4,375	533	93.0	22.0	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020HE25FA13	4,809	557	93.1	28.6	3300	10.00	23.38	1.00
		256TP	4WPHS020HE25FB13	4,809	557	93.1	28.6	3300	12.00	23.38	1.00
		256TP	4WPHS020HE25FC13	4,809	557	93.1	28.6	3300	16.50	23.38	1.00
		284TP	4WPHS025HE28FA13	5,464	600	93.7	35.4	3300	10.00	24.75	1.00
25	1800	284TP	4WPHS025HE28FB13	5,464	600	93.7	35.4	3300	12.00	24.75	1.00
		284TP	4WPHS025HE28FC13	5,464	600	93.7	35.4	3300	16.50	24.75	1.00
		286TP	4WPHS030HE28FA13	5,992	630	94.1	42.3	3300	10.00	24.75	1.00
30	1800	286TP	4WPHS030HE28FB13	5,992	630	94.1	42.3	3300	12.00	24.75	1.00
		286TP	4WPHS030HE28FC13	5,992	630	94.1	42.3	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040HE32FB13	6,649	797	94.2	56.7	5700	12.00	28.22	1.25
		324TP	4WPHS040HE32FC13	6,649	797	94.2	56.7	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050HE32FB13	7,776	872	94.5	69.1	5700	12.00	28.22	1.25
		326TP	4WPHS050HE32FC13	7,776	872	94.5	69.1	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060HE36FC13	9,072	1018	95.1	81.2	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075HE36FC13	10,856	1111	95.1	101.3	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100HE40FC13	13,954	1564	95.5	134.7	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125HE40FC13	17,247	1636	95.5	166.7	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150HE44FC13	22,509	2175	95.9	201.0	15680	16.50	42.66	1.69
		444TP	4WPHS150HE44FD13	22,509	2175	95.9	201.0	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200HE44FC13	27,637	2241	95.9	268.0	15680	16.50	42.66	1.69
		445TP	4WPHS200HE44FD13	27,637	2241	95.9	268.0	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250HE44FC13	33,864	2241	96.0	332.1	15680	16.50	42.66	1.69
		445TP	4WPHS250HE44FD13	33,864	2241	96.0	332.1	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300HE44FC13	38,952	2714	96.0	401.0	15680	16.50	49.75	1.94
		447TP	4WPHS300HE44FD13	38,952	2714	96.0	401.0	15680	20.00	49.75	1.94
		5006P	4WPHS300HE50FD13	41,295	4001	96.0	393.4	16480	20.00	49.75	1.94
		5006P	4WPHS300HE50FE13	41,295	4001	96.0	393.4	16480	24.50	49.75	1.94
350	1800	449TP	4WPHS350HE44FC13	41,457	2813	96.1	466.1	15680	16.50	49.75	1.94
		449TP	4WPHS350HE44FD13	41,457	2813	96.1	466.1	15680	20.00	49.75	1.94
		5006P	4WPHS350HE50FD13	43,638	4112	96.0	458.5	16480	20.00	49.75	1.94
		5006P	4WPHS350HE50FE13	43,638	4112	96.0	458.5	16480	24.50	49.75	1.94
400	1800	5008P	4WPHS400HE50FD13	53,597	5112	96.0	524.0	16480	20.00	53.88	2.19
		5008P	4WPHS400HE50FE13	53,597	5112	96.0	524.0	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450HE50FD13	58,029	5264	96.3	587.8	16480	20.00	53.88	2.19
		5008P	4WPHS450HE50FE13	58,029	5264	96.3	587.8	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500HE50FD13	66,298	5385	96.3	652.5	16480	20.00	53.88	2.19
		5008P	4WPHS500HE50FE13	66,298	5385	96.3	652.5	16480	24.50	53.88	2.19
400 volts, 50 Hz											
15	1500	254TP	4WPHS015HE25FA24	4,375	533	91.6	21.2	3300	10.00	23.38	1.00
		254TP	4WPHS015HE25FB24	4,375	533	91.6	21.2	3300	12.00	23.38	1.00
		254TP	4WPHS015HE25FC24	4,375	533	91.6	21.2	3300	16.50	23.38	1.00
20	1500	256TP	4WPHS020HE25FA24	4,809	557	92.2	27.5	3300	10.00	23.38	1.00
		256TP	4WPHS020HE25FB24	4,809	557	92.2	27.5	3300	12.00	23.38	1.00
		256TP	4WPHS020HE25FC24	4,809	557	92.2	27.5	3300	16.50	23.38	1.00

Cast iron frame

Red catalog number indicates NEW product

VHS, WP1, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
400 volts, 50 Hz											
25	1500	284TP	4WPHS025HE28FA24	5,464	600	92.8	34.3	3300	10.00	24.75	1.00
		284TP	4WPHS025HE28FB24	5,464	600	92.8	34.3	3300	12.00	24.75	1.00
		284TP	4WPHS025HE28FC24	5,464	600	92.8	34.3	3300	16.50	24.75	1.00
30	1500	286TP	4WPHS030HE28FA24	5,992	630	93.1	40.9	3300	10.00	24.75	1.00
		286TP	4WPHS030HE28FB24	5,992	630	93.1	40.9	3300	12.00	24.75	1.00
		286TP	4WPHS030HE28FC24	5,992	630	93.1	40.9	3300	16.50	24.75	1.00
40	1500	324TP	4WPHS040HE32FB24	6,649	797	93.6	54.4	5700	12.00	28.22	1.25
		324TP	4WPHS040HE32FC24	6,649	797	93.6	54.4	5700	16.50	28.22	1.25
50	1500	326TP	4WPHS050HE32FB24	7,776	872	94.0	66.3	5700	12.00	28.22	1.25
		326TP	4WPHS050HE32FC24	7,776	872	94.0	66.3	5700	16.50	28.22	1.25
60	1500	364TP	4WPHS060HE36FC24	9,072	1018	94.3	77.4	5700	16.50	31.16	1.25
75	1500	365TP	4WPHS075HE36FC24	10,856	1111	94.6	97.4	5700	16.50	31.16	1.25
100	1500	404TP	4WPHS100HE40FC24	13,954	1564	95.1	129.6	6700	16.50	36.94	1.50
125	1500	405TP	4WPHS125HE40FC24	17,247	1636	95.3	159.2	6700	16.50	36.94	1.50
150	1500	444TP	4WPHS150HE44FC24	22,509	2175	95.5	190.8	15680	16.50	42.66	1.69
		444TP	4WPHS150HE44FD24	22,509	2175	95.5	190.8	15680	20.00	42.66	1.69
200	1500	445TP	4WPHS200HE44FC24	27,637	2241	95.9	254.6	15680	16.50	42.66	1.69
		445TP	4WPHS200HE44FD24	27,637	2241	95.9	254.6	15680	20.00	42.66	1.69
250	1500	445TP	4WPHS250HE44FC24	33,864	2241	96.0	318.8	15680	16.50	42.66	1.69
		445TP	4WPHS250HE44FD24	33,864	2241	96.0	318.8	15680	20.00	42.66	1.69
300	1500	447TP	4WPHS300HE44FC24	38,952	2714	96.0	384.4	15680	16.50	49.75	1.94
		447TP	4WPHS300HE44FD24	38,952	2714	96.0	384.4	15680	20.00	49.75	1.94
		5006P	4WPHS300HE50FD24	41,295	4001	96.0	377.9	16480	20.00	49.75	1.94
		5006P	4WPHS300HE50FE24	41,295	4001	96.0	377.9	16480	24.50	49.75	1.94
350	1500	449TP	4WPHS350HE44FC24	41,457	2813	96.1	448.9	15680	16.50	49.75	1.94
		449TP	4WPHS350HE44FD24	41,457	2813	96.1	448.9	15680	20.00	49.75	1.94
		5006P	4WPHS350HE50FD24	43,638	4112	96.1	441.7	16480	20.00	49.75	1.94
		5006P	4WPHS350HE50FE24	43,638	4112	96.1	441.7	16480	24.50	49.75	1.94
400	1500	5008P	4WPHS400HE50FD24	53,597	5112	96.1	506.7	16480	20.00	53.88	2.19
		5008P	4WPHS400HE50FE24	53,597	5112	96.1	506.7	16480	24.50	53.88	2.19
450	1500	5008P	4WPHS450HE50FD24	58,029	5264	96.1	573.1	16480	20.00	53.88	2.19
		5008P	4WPHS450HE50FE24	58,029	5264	96.1	573.1	16480	24.50	53.88	2.19
500	1500	5008P	4WPHS500HE50FD24	66,298	5385	96.1	631.0	16480	20.00	53.88	2.19
		5008P	4WPHS500HE50FE24	66,298	5385	96.1	631.0	16480	24.50	53.88	2.19
400 volts, 60 Hz											
15	1800	254TP	4WPHS015HE25FA14	4,375	533	93.1	20.9	3300	10.00	23.38	1.00
		254TP	4WPHS015HE25FB14	4,375	533	93.1	20.9	3300	12.00	23.38	1.00
		254TP	4WPHS015HE25FC14	4,375	533	93.1	20.9	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020HE25FA14	4,809	557	93.2	27.2	3300	10.00	23.38	1.00
		256TP	4WPHS020HE25FB14	4,809	557	93.2	27.2	3300	12.00	23.38	1.00
		256TP	4WPHS020HE25FC14	4,809	557	93.2	27.2	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025HE28FA14	5,464	600	93.7	33.8	3300	10.00	24.75	1.00
		284TP	4WPHS025HE28FB14	5,464	600	93.7	33.8	3300	12.00	24.75	1.00
		284TP	4WPHS025HE28FC14	5,464	600	93.7	33.8	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030HE28FA14	5,992	630	94.2	40.4	3300	10.00	24.75	1.00

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
400 volts, 60 Hz											
30	1800	286TP	4WPHS030HE28FB14	5,992	630	94.2	40.4	3300	12.00	24.75	1.00
		286TP	4WPHS030HE28FC14	5,992	630	94.2	40.4	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040HE32FB14	6,649	797	94.2	54.6	5700	12.00	28.22	1.25
		324TP	4WPHS040HE32FC14	6,649	797	94.2	54.6	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050HE32FB14	7,776	872	94.5	65.8	5700	12.00	28.22	1.25
		326TP	4WPHS050HE32FC14	7,776	872	94.5	65.8	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060HE36FC14	9,072	1018	95.1	77.5	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075HE36FC14	10,856	1111	95.1	97.1	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100HE40FC14	13,954	1564	95.5	128.7	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125HE40FC14	17,247	1636	95.5	159.4	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150HE44FC14	22,509	2175	95.9	190.7	15680	16.50	42.66	1.69
		444TP	4WPHS150HE44FD14	22,509	2175	95.9	190.7	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200HE44FC14	27,637	2241	95.9	255.4	15680	16.50	42.66	1.69
		445TP	4WPHS200HE44FD14	27,637	2241	95.9	255.4	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250HE44FC14	33,864	2241	96.0	317.5	15680	16.50	42.66	1.69
		445TP	4WPHS250HE44FD14	33,864	2241	96.0	317.5	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300HE44FC14	38,952	2714	96.1	384.2	15680	16.50	49.75	1.94
		447TP	4WPHS300HE44FD14	38,952	2714	96.1	384.2	15680	20.00	49.75	1.94
		5006P	4WPHS300HE50FD14	41,295	4001	96.0	374.3	16480	20.00	49.75	1.94
		5006P	4WPHS300HE50FE14	41,295	4001	96.0	374.3	16480	24.50	49.75	1.94
350	1800	449TP	4WPHS350HE44FC14	41,457	2813	96.1	447.6	15680	16.50	49.75	1.94
		449TP	4WPHS350HE44FD14	41,457	2813	96.1	447.6	15680	20.00	49.75	1.94
		5006P	4WPHS350HE50FD14	43,638	4112	96.0	438.6	16480	20.00	49.75	1.94
		5006P	4WPHS350HE50FE14	43,638	4112	96.0	438.6	16480	24.50	49.75	1.94
400	1800	5008P	4WPHS400HE50FD14	53,597	5112	96.0	500.1	16480	20.00	53.88	2.19
		5008P	4WPHS400HE50FE14	53,597	5112	96.0	500.1	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450HE50FD14	58,029	5264	96.3	561.5	16480	20.00	53.88	2.19
		5008P	4WPHS450HE50FE14	58,029	5264	96.3	561.5	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500HE50FD14	66,298	5385	96.3	620.4	16480	20.00	53.88	2.19
		5008P	4WPHS500HE50FE14	66,298	5385	96.3	620.4	16480	24.50	53.88	2.19
415 volts, 50 Hz											
15	1500	254TP	4WPHS015HE25FA25	4,375	533	91.6	20.6	3300	10.00	23.38	1.00
		254TP	4WPHS015HE25FB25	4,375	533	91.6	20.6	3300	12.00	23.38	1.00
		254TP	4WPHS015HE25FC25	4,375	533	91.6	20.6	3300	16.50	23.38	1.00
20	1500	256TP	4WPHS020HE25FA25	4,809	557	92.2	26.6	3300	10.00	23.38	1.00
		256TP	4WPHS020HE25FB25	4,809	557	92.2	26.6	3300	12.00	23.38	1.00
		256TP	4WPHS020HE25FC25	4,809	557	92.2	26.6	3300	16.50	23.38	1.00
25	1500	284TP	4WPHS025HE28FA25	5,464	600	92.8	33.4	3300	10.00	24.75	1.00
		284TP	4WPHS025HE28FB25	5,464	600	92.8	33.4	3300	12.00	24.75	1.00
		284TP	4WPHS025HE28FC25	5,464	600	92.8	33.4	3300	16.50	24.75	1.00
30	1500	286TP	4WPHS030HE28FA25	5,992	630	93.1	39.7	3300	10.00	24.75	1.00
		286TP	4WPHS030HE28FB25	5,992	630	93.1	39.7	3300	12.00	24.75	1.00
		286TP	4WPHS030HE28FC25	5,992	630	93.1	39.7	3300	16.50	24.75	1.00
40	1500	324TP	4WPHS040HE32FB25	6,649	797	93.6	53.2	5700	12.00	28.22	1.25
		324TP	4WPHS040HE32FC25	6,649	797	93.6	53.2	5700	16.50	28.22	1.25

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
415 volts, 50 Hz											
50	1500	326TP	4WPHS050HE32FB25	7,776	872	94.0	64.1	5700	12.00	28.22	1.25
		326TP	4WPHS050HE32FC25	7,776	872	94.0	64.1	5700	16.50	28.22	1.25
60	1500	364TP	4WPHS060HE36FC25	9,072	1018	94.3	75.6	5700	16.50	31.16	1.25
75	1500	365TP	4WPHS075HE36FC25	10,856	1111	94.7	94.3	5700	16.50	31.16	1.25
100	1500	404TP	4WPHS100HE40FC25	13,954	1564	95.1	125.0	6700	16.50	36.94	1.50
125	1500	405TP	4WPHS125HE40FC25	17,247	1636	95.4	153.5	6700	16.50	36.94	1.50
150	1500	444TP	4WPHS150HE44FC25	22,509	2175	95.5	184.5	15680	16.50	42.66	1.69
		444TP	4WPHS150HE44FD25	22,509	2175	95.5	184.5	15680	20.00	42.66	1.69
200	1500	445TP	4WPHS200HE44FC25	27,637	2241	95.9	246.0	15680	16.50	42.66	1.69
		445TP	4WPHS200HE44FD25	27,637	2241	95.9	246.0	15680	20.00	42.66	1.69
250	1500	445TP	4WPHS250HE44FC25	33,864	2241	96.0	313.2	15680	16.50	42.66	1.69
		445TP	4WPHS250HE44FD25	33,864	2241	96.0	313.2	15680	20.00	42.66	1.69
300	1500	447TP	4WPHS300HE44FC25	38,952	2714	96.0	374.9	15680	16.50	49.75	1.94
		447TP	4WPHS300HE44FD25	38,952	2714	96.0	374.9	15680	20.00	49.75	1.94
		5006P	4WPHS300HE50FD25	41,295	4001	96.1	365.8	16480	20.00	49.75	1.94
		5006P	4WPHS300HE50FE25	41,295	4001	96.1	365.8	16480	24.50	49.75	1.94
350	1500	449TP	4WPHS350HE44FC25	41,457	2813	96.1	436.7	15680	16.50	49.75	1.94
		449TP	4WPHS350HE44FD25	41,457	2813	96.1	436.7	15680	20.00	49.75	1.94
		5006P	4WPHS350HE50FD25	43,638	4112	96.1	429.1	16480	20.00	49.75	1.94
		5006P	4WPHS350HE50FE25	43,638	4112	96.1	429.1	16480	24.50	49.75	1.94
400	1500	5008P	4WPHS400HE50FD25	53,597	5112	96.1	492.2	16480	20.00	53.88	2.19
		5008P	4WPHS400HE50FE25	53,597	5112	96.1	492.2	16480	24.50	53.88	2.19
450	1500	5008P	4WPHS450HE50FD25	58,029	5264	96.1	556.6	16480	20.00	53.88	2.19
		5008P	4WPHS450HE50FE25	58,029	5264	96.1	556.6	16480	24.50	53.88	2.19
500	1500	5008P	4WPHS500HE50FD25	66,298	5385	96.1	610.2	16480	20.00	53.88	2.19
		5008P	4WPHS500HE50FE25	66,298	5385	96.1	610.2	16480	24.50	53.88	2.19
415 volts, 60 Hz											
15	1800	254TP	4WPHS015HE25FA15	4,375	533	93.0	20.2	3300	10.00	23.38	1.00
		254TP	4WPHS015HE25FB15	4,375	533	93.0	20.2	3300	12.00	23.38	1.00
		254TP	4WPHS015HE25FC15	4,375	533	93.0	20.2	3300	16.50	23.38	1.00
20	1800	256TP	4WPHS020HE25FA15	4,809	557	93.3	26.2	3300	10.00	23.38	1.00
		256TP	4WPHS020HE25FB15	4,809	557	93.3	26.2	3300	12.00	23.38	1.00
		256TP	4WPHS020HE25FC15	4,809	557	93.3	26.2	3300	16.50	23.38	1.00
25	1800	284TP	4WPHS025HE28FA15	5,464	600	93.7	33.0	3300	10.00	24.75	1.00
		284TP	4WPHS025HE28FB15	5,464	600	93.7	33.0	3300	12.00	24.75	1.00
		284TP	4WPHS025HE28FC15	5,464	600	93.7	33.0	3300	16.50	24.75	1.00
30	1800	286TP	4WPHS030HE28FA15	5,992	630	94.2	39.2	3300	10.00	24.75	1.00
		286TP	4WPHS030HE28FB15	5,992	630	94.2	39.2	3300	12.00	24.75	1.00
		286TP	4WPHS030HE28FC15	5,992	630	94.2	39.2	3300	16.50	24.75	1.00
40	1800	324TP	4WPHS040HE32FB15	6,649	797	94.2	52.8	5700	12.00	28.22	1.25
		324TP	4WPHS040HE32FC15	6,649	797	94.2	52.8	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050HE32FB15	7,776	872	94.6	63.6	5700	12.00	28.22	1.25
		326TP	4WPHS050HE32FC15	7,776	872	94.6	63.6	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060HE36FC15	9,072	1018	95.1	75.0	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075HE36FC15	10,856	1111	95.2	93.9	5700	16.50	31.16	1.25

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
415 volts, 60 Hz											
100	1800	404TP	4WPHS100HE40FC15	13,954	1564	95.5	124.3	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125HE40FC15	17,247	1636	95.5	153.3	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150HE44FC15	22,509	2175	95.9	184.2	15680	16.50	42.66	1.69
		444TP	4WPHS150HE44FD15	22,509	2175	95.9	184.2	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200HE44FC15	27,637	2241	96.0	246.3	15680	16.50	42.66	1.69
		445TP	4WPHS200HE44FD15	27,637	2241	96.0	246.3	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250HE44FC15	33,864	2241	96.0	306.7	15680	16.50	42.66	1.69
		445TP	4WPHS250HE44FD15	33,864	2241	96.0	306.7	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300HE44FC15	38,952	2714	96.1	375.1	15680	16.50	49.75	1.94
		447TP	4WPHS300HE44FD15	38,952	2714	96.1	375.1	15680	20.00	49.75	1.94
		5006P	4WPHS300HE50FD15	41,295	4001	96.0	361.1	16480	20.00	49.75	1.94
		5006P	4WPHS300HE50FE15	41,295	4001	96.0	361.1	16480	24.50	49.75	1.94
350	1800	449TP	4WPHS350HE44FC15	41,457	2813	96.1	437.0	15680	16.50	49.75	1.94
		449TP	4WPHS350HE44FD15	41,457	2813	96.1	437.0	15680	20.00	49.75	1.94
		5006P	4WPHS350HE50FD15	43,638	4112	96.1	426.8	16480	20.00	49.75	1.94
		5006P	4WPHS350HE50FE15	43,638	4112	96.1	426.8	16480	24.50	49.75	1.94
400	1800	5008P	4WPHS400HE50FD15	53,597	5112	96.1	481.3	16480	20.00	53.88	2.19
		5008P	4WPHS400HE50FE15	53,597	5112	96.1	481.3	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450HE50FD15	58,029	5264	96.3	542.3	16480	20.00	53.88	2.19
		5008P	4WPHS450HE50FE15	58,029	5264	96.3	542.3	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500HE50FD15	66,298	5385	96.3	598.0	16480	20.00	53.88	2.19
		5008P	4WPHS500HE50FE15	66,298	5385	96.3	598.0	16480	24.50	53.88	2.19
460 volts, 60 Hz											
40	1800	324TP	4WPHS040HE32FB46	6,649	797	94.2	48.3	5700	12.00	28.22	1.25
		324TP	4WPHS040HE32FC46	6,649	797	94.2	48.3	5700	16.50	28.22	1.25
50	1800	326TP	4WPHS050HE32FB46	7,776	872	94.7	57.3	5700	12.00	28.22	1.25
		326TP	4WPHS050HE32FC46	7,776	872	94.7	57.3	5700	16.50	28.22	1.25
60	1800	364TP	4WPHS060HE36FC46	9,072	1018	95.1	67.8	5700	16.50	31.16	1.25
75	1800	365TP	4WPHS075HE36FC46	10,856	1111	95.2	85.2	5700	16.50	31.16	1.25
100	1800	404TP	4WPHS100HE40FC46	13,954	1564	95.5	113.8	6700	16.50	36.94	1.50
125	1800	405TP	4WPHS125HE40FC46	17,247	1636	95.5	138.1	6700	16.50	36.94	1.50
150	1800	444TP	4WPHS150HE44FC46	22,509	2175	96.0	168.4	15680	16.50	42.66	1.69
		444TP	4WPHS150HE44FD46	22,509	2175	96.0	168.4	15680	20.00	42.66	1.69
200	1800	445TP	4WPHS200HE44FC46	27,637	2241	96.1	220.6	15680	16.50	42.66	1.69
		445TP	4WPHS200HE44FD46	27,637	2241	96.1	220.6	15680	20.00	42.66	1.69
250	1800	445TP	4WPHS250HE44FC46	33,864	2241	96.3	274.6	15680	16.50	42.66	1.69
		445TP	4WPHS250HE44FD46	33,864	2241	96.3	274.6	15680	20.00	42.66	1.69
300	1800	447TP	4WPHS300HE44FC46	38,952	2714	96.5	341.1	15680	16.50	49.75	1.94
		447TP	4WPHS300HE44FD46	38,952	2714	96.5	341.1	15680	20.00	49.75	1.94
		5006P	4WPHS300HE50FD46	41,295	4001	95.9	328.3	16480	20.00	49.75	1.94
		5006P	4WPHS300HE50FE46	41,295	4001	95.9	328.3	16480	24.50	49.75	1.94
350	1800	449TP	4WPHS350HE44FC46	41,457	2813	96.2	386.6	15680	16.50	49.75	1.94
		449TP	4WPHS350HE44FD46	41,457	2813	96.2	386.6	15680	20.00	49.75	1.94
		5006P	4WPHS350HE50FD46	43,638	4112	96.0	379.1	16480	20.00	49.75	1.94
		5006P	4WPHS350HE50FE46	43,638	4112	96.0	379.1	16480	24.50	49.75	1.94

Cast iron frame

Red catalog number indicates **NEW** product

VHS, WP1, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
460 volts, 60 Hz											
400	1800	5008P	4WPHS400HE50FD46	53,597	5112	96.1	437.1	16480	20.00	53.88	2.19
		5008P	4WPHS400HE50FE46	53,597	5112	96.1	437.1	16480	24.50	53.88	2.19
450	1800	5008P	4WPHS450HE50FD46	58,029	5264	96.3	488.1	16480	20.00	53.88	2.19
		5008P	4WPHS450HE50FE46	58,029	5264	96.3	488.1	16480	24.50	53.88	2.19
500	1800	5008P	4WPHS500HE50FD46	66,298	5385	96.4	538.5	16480	20.00	53.88	2.19
		5008P	4WPHS500HE50FE46	66,298	5385	96.4	538.5	16480	24.50	53.88	2.19

 Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, three phase, Fire pump

7 1/2 thru 350 Hp

Features

- Premium efficient designs
- Maximum 50C ambient, 3300ft altitude
- Motors suitable for DOL or Wye-Delta start
- NEMA Design B parameters with special balance
- Non-reverse ratchet (NRR)
- Polyurea grease drive end (DE) bearing
- PTC thermistors
- Space heaters (60Hz = 120V , 50Hz = 230V)

Applications

- Fire Protection Systems

IP55

VHS, TEFC, Premium efficient, three phase, Fire pump, International



Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5PE21FA42	4,454	445	89.8	9.6	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010PE21FA42	4,961	495	89.9	12.7	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015PE25FA42	6,309	682	91.3	18.8	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25FB42	6,309	682	91.3	18.8	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25FC42	6,309	682	91.3	18.8	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020PE25FA42	6,936	731	91.3	24.8	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25FB42	6,936	731	91.3	24.8	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25FC42	6,936	731	91.3	24.8	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025PE28FA42	7,880	781	92.7	30.3	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28FB42	7,880	781	92.7	30.3	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28FC42	7,880	781	92.7	30.3	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030PE28FA42	8,642	825	92.7	35.9	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28FB42	8,642	825	92.7	35.9	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28FC42	8,642	825	92.7	35.9	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040PE32FC42	9,588	1034	93.2	47.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32FC42	11,214	1287	93.4	58.1	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060PE36FC42	13,082	1221	93.9	68.6	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36FC42	15,656	1243	94.4	85.7	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40FC42	20,123	2002	94.8	114.5	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125PE40FC42	24,873	2046	94.8	139.3	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44FC42	32,460	2332	95.2	169.9	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44FD42	32,460	2332	95.2	169.9	15680	20.00	46.56	1.69

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
200	1800	445TP	4TEHS200PE44FC42	39,856	2546	95.2	222.4	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44FD42	39,856	2546	95.2	222.4	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44FC42	48,835	2546	95.2	277.6	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44FD42	48,835	2546	95.2	277.6	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44FC42	56,173	3278	95.6	333.7	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44FD42	56,173	3278	95.6	333.7	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44FC42	59,785	3762	95.6	388.7	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44FD42	59,785	3762	95.6	388.7	15680	20.00	56.86	1.94
380 volts, 50 Hz											
7.5	1500	213TP	4TEHS7.5PE21FA23	4,454	445	87.7	11.7	2500	10.00	22.94	0.75
10	1500	215TP	4TEHS010PE21FA23	4,961	495	88.8	15.3	2500	10.00	22.94	0.75
15	1500	254TP	4TEHS015PE25FA23	6,309	682	89.9	22.6	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25FB23	6,309	682	89.9	22.6	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25FC23	6,309	682	89.9	22.6	3300	16.50	26.56	1.00
20	1500	256TP	4TEHS020PE25FA23	6,936	731	90.7	29.3	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25FB23	6,936	731	90.7	29.3	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25FC23	6,936	731	90.7	29.3	3300	16.50	26.56	1.00
25	1500	284TP	4TEHS025PE28FA23	7,880	781	91.3	36.4	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28FB23	7,880	781	91.3	36.4	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28FC23	7,880	781	91.3	36.4	3300	16.50	26.56	1.00
30	1500	286TP	4TEHS030PE28FA23	8,642	825	91.8	43.3	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28FB23	8,642	825	91.8	43.3	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28FC23	8,642	825	91.8	43.3	3300	16.50	26.56	1.00
40	1500	324TP	4TEHS040PE32FC23	9,588	1034	92.5	57.3	5700	16.50	28.66	1.25
50	1500	326TP	4TEHS050PE32FC23	11,214	1287	92.9	70.3	5700	16.50	28.66	1.25
60	1500	364TP	4TEHS060PE36FC23	13,082	1221	93.3	83.5	5700	16.50	30.08	1.25
75	1500	365TP	4TEHS075PE36FC23	15,656	1243	93.7	103.0	5700	16.50	30.08	1.25
100	1500	404TP	4TEHS100PE40FC23	20,123	2002	94.1	136.3	6700	16.50	39.93	1.50
125	1500	405TP	4TEHS125PE40FC23	24,873	2046	94.3	169.2	6700	16.50	39.93	1.50
150	1500	444TP	4TEHS150PE44FC23	32,460	2332	94.6	202.5	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44FD23	32,460	2332	94.6	202.5	15680	20.00	46.56	1.69
200	1500	445TP	4TEHS200PE44FC23	39,856	2546	95.0	268.9	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44FD23	39,856	2546	95.0	268.9	15680	20.00	46.56	1.69
250	1500	445TP	4TEHS250PE44FC23	48,835	2546	95.1	336.5	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44FD23	48,835	2546	95.1	336.5	15680	20.00	46.56	1.69
300	1500	447TP	4TEHS300PE44FC23	56,173	3278	95.3	403.8	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44FD23	56,173	3278	95.3	403.8	15680	20.00	52.81	1.94
350	1500	449TP	4TEHS350PE44FC23	59,785	3762	95.3	470.5	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44FD23	59,785	3762	95.3	470.5	15680	20.00	56.86	1.94
380 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5PE21FA13	4,454	445	89.7	11.4	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010PE21FA13	4,961	495	89.8	15.1	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015PE25FA13	6,309	682	91.2	22.1	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25FB13	6,309	682	91.2	22.1	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25FC13	6,309	682	91.2	22.1	3300	16.50	26.56	1.00

 Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
380 volts, 60 Hz											
20	1800	256TP	4TEHS020PE25FA13	6,936	731	91.3	29.3	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25FB13	6,936	731	91.3	29.3	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25FC13	6,936	731	91.3	29.3	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025PE28FA13	7,880	781	92.6	35.7	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28FB13	7,880	781	92.6	35.7	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28FC13	7,880	781	92.6	35.7	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030PE28FA13	8,642	825	92.6	42.8	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28FB13	8,642	825	92.6	42.8	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28FC13	8,642	825	92.6	42.8	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040PE32FC13	9,588	1034	93.2	56.9	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32FC13	11,214	1287	93.3	69.2	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060PE36FC13	13,082	1221	93.8	81.8	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36FC13	15,656	1243	94.3	101.9	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40FC13	20,123	2002	94.7	135.0	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125PE40FC13	24,873	2046	94.7	167.1	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44FC13	32,460	2332	95.1	201.5	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44FD13	32,460	2332	95.1	201.5	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200PE44FC13	39,856	2546	95.1	267.4	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44FD13	39,856	2546	95.1	267.4	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44FC13	48,835	2546	95.1	334.7	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44FD13	48,835	2546	95.1	334.7	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44FC13	56,173	3278	95.5	400.4	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44FD13	56,173	3278	95.5	400.4	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44FC13	59,785	3762	95.5	465.7	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44FD13	59,785	3762	95.5	465.7	15680	20.00	56.86	1.94
400 volts, 50 Hz											
7.5	1500	213TP	4TEHS7.5PE21FA24	4,454	445	87.8	11.2	2500	10.00	22.94	0.75
10	1500	215TP	4TEHS010PE21FA24	4,961	495	89.0	14.7	2500	10.00	22.94	0.75
15	1500	254TP	4TEHS015PE25FA24	6,309	682	90.0	21.5	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25FB24	6,309	682	90.0	21.5	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25FC24	6,309	682	90.0	21.5	3300	16.50	26.56	1.00
20	1500	256TP	4TEHS020PE25FA24	6,936	731	90.7	27.8	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25FB24	6,936	731	90.7	27.8	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25FC24	6,936	731	90.7	27.8	3300	16.50	26.56	1.00
25	1500	284TP	4TEHS025PE28FA24	7,880	781	91.4	34.9	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28FB24	7,880	781	91.4	34.9	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28FC24	7,880	781	91.4	34.9	3300	16.50	26.56	1.00
30	1500	286TP	4TEHS030PE28FA24	8,642	825	91.8	41.5	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28FB24	8,642	825	91.8	41.5	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28FC24	8,642	825	91.8	41.5	3300	16.50	26.56	1.00
40	1500	324TP	4TEHS040PE32FC24	9,588	1034	92.5	55.1	5700	16.50	28.66	1.25
50	1500	326TP	4TEHS050PE32FC24	11,214	1287	92.9	66.9	5700	16.50	28.66	1.25
60	1500	364TP	4TEHS060PE36FC24	13,082	1221	93.3	78.5	5700	16.50	30.08	1.25
75	1500	365TP	4TEHS075PE36FC24	15,656	1243	93.7	98.7	5700	16.50	30.08	1.25
100	1500	404TP	4TEHS100PE40FC24	20,123	2002	94.1	130.8	6700	16.50	39.93	1.50

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
400 volts, 50 Hz											
125	1500	405TP	4TEHS125PE40FC24	24,873	2046	94.3	161.0	6700	16.50	39.93	1.50
150	1500	444TP	4TEHS150PE44FC24	32,460	2332	94.7	192.8	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44FD24	32,460	2332	94.7	192.8	15680	20.00	46.56	1.69
200	1500	445TP	4TEHS200PE44FC24	39,856	2546	95.1	256.3	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44FD24	39,856	2546	95.1	256.3	15680	20.00	46.56	1.69
250	1500	445TP	4TEHS250PE44FC24	48,835	2546	95.2	320.4	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44FD24	48,835	2546	95.2	320.4	15680	20.00	46.56	1.69
300	1500	447TP	4TEHS300PE44FC24	56,173	3278	95.2	387.2	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44FD24	56,173	3278	95.2	387.2	15680	20.00	52.81	1.94
350	1500	449TP	4TEHS350PE44FC24	59,785	3762	95.3	452.0	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44FD24	59,785	3762	95.3	452.0	15680	20.00	56.86	1.94
400 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5PE21FA14	4,454	445	89.8	11.0	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010PE21FA14	4,961	495	89.8	14.7	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015PE25FA14	6,309	682	91.3	21.7	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25FB14	6,309	682	91.3	21.7	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25FC14	6,309	682	91.3	21.7	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020PE25FA14	6,936	731	91.3	28.5	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25FB14	6,936	731	91.3	28.5	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25FC14	6,936	731	91.3	28.5	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025PE28FA14	7,880	781	92.6	34.7	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28FB14	7,880	781	92.6	34.7	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28FC14	7,880	781	92.6	34.7	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030PE28FA14	8,642	825	92.6	41.3	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28FB14	8,642	825	92.6	41.3	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28FC14	8,642	825	92.6	41.3	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040PE32FC14	9,588	1034	93.2	54.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32FC14	11,214	1287	93.4	66.6	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060PE36FC14	13,082	1221	94.0	78.6	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36FC14	15,656	1243	94.4	98.5	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40FC14	20,123	2002	94.8	131.4	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125PE40FC14	24,873	2046	94.8	160.1	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44FC14	32,460	2332	95.2	195.3	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44FD14	32,460	2332	95.2	195.3	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200PE44FC14	39,856	2546	95.1	255.5	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44FD14	39,856	2546	95.1	255.5	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44FC14	48,835	2546	95.2	319.6	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44FD14	48,835	2546	95.2	319.6	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44FC14	56,173	3278	95.6	383.6	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44FD14	56,173	3278	95.6	383.6	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44FC14	59,785	3762	95.6	446.6	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44FD14	59,785	3762	95.6	446.6	15680	20.00	56.86	1.94
415 volts, 50 Hz											
7.5	1500	213TP	4TEHS7.5PE21FA25	4,454	445	87.8	10.8	2500	10.00	22.94	0.75
10	1500	215TP	4TEHS010PE21FA25	4,961	495	89.0	14.1	2500	10.00	22.94	0.75

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
415 volts, 50 Hz											
15	1500	254TP	4TEHS015PE25FA25	6,309	682	90.0	20.9	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25FB25	6,309	682	90.0	20.9	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25FC25	6,309	682	90.0	20.9	3300	16.50	26.56	1.00
20	1500	256TP	4TEHS020PE25FA25	6,936	731	90.8	27.1	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25FB25	6,936	731	90.8	27.1	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25FC25	6,936	731	90.8	27.1	3300	16.50	26.56	1.00
25	1500	284TP	4TEHS025PE28FA25	7,880	781	91.4	34.0	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28FB25	7,880	781	91.4	34.0	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28FC25	7,880	781	91.4	34.0	3300	16.50	26.56	1.00
30	1500	286TP	4TEHS030PE28FA25	8,642	825	91.9	40.1	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28FB25	8,642	825	91.9	40.1	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28FC25	8,642	825	91.9	40.1	3300	16.50	26.56	1.00
40	1500	324TP	4TEHS040PE32FC25	9,588	1034	92.5	53.7	5700	16.50	28.66	1.25
50	1500	326TP	4TEHS050PE32FC25	11,214	1287	92.9	64.7	5700	16.50	28.66	1.25
60	1500	364TP	4TEHS060PE36FC25	13,082	1221	93.4	76.3	5700	16.50	30.08	1.25
75	1500	365TP	4TEHS075PE36FC25	15,656	1243	93.7	95.0	5700	16.50	30.08	1.25
100	1500	404TP	4TEHS100PE40FC25	20,123	2002	94.1	125.9	6700	16.50	39.93	1.50
125	1500	405TP	4TEHS125PE40FC25	24,873	2046	94.4	155.4	6700	16.50	39.93	1.50
150	1500	444TP	4TEHS150PE44FC25	32,460	2332	94.7	186.0	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44FD25	32,460	2332	94.7	186.0	15680	20.00	46.56	1.69
200	1500	445TP	4TEHS200PE44FC25	39,856	2546	95.1	247.6	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44FD25	39,856	2546	95.1	247.6	15680	20.00	46.56	1.69
250	1500	445TP	4TEHS250PE44FC25	48,835	2546	95.2	315.5	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44FD25	48,835	2546	95.2	315.5	15680	20.00	46.56	1.69
300	1500	447TP	4TEHS300PE44FC25	56,173	3278	95.3	377.4	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44FD25	56,173	3278	95.3	377.4	15680	20.00	52.81	1.94
350	1500	449TP	4TEHS350PE44FC25	59,785	3762	95.3	439.7	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44FD25	59,785	3762	95.3	439.7	15680	20.00	56.86	1.94
415 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5PE21FA15	4,454	445	89.8	10.6	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010PE21FA15	4,961	495	89.8	14.1	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015PE25FA15	6,309	682	91.3	20.9	3300	10.00	26.56	1.00
		254TP	4TEHS015PE25FB15	6,309	682	91.3	20.9	3300	12.00	26.56	1.00
		254TP	4TEHS015PE25FC15	6,309	682	91.3	20.9	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020PE25FA15	6,936	731	91.4	27.5	3300	10.00	26.56	1.00
		256TP	4TEHS020PE25FB15	6,936	731	91.4	27.5	3300	12.00	26.56	1.00
		256TP	4TEHS020PE25FC15	6,936	731	91.4	27.5	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025PE28FA15	7,880	781	92.6	33.4	3300	10.00	26.56	1.00
		284TP	4TEHS025PE28FB15	7,880	781	92.6	33.4	3300	12.00	26.56	1.00
		284TP	4TEHS025PE28FC15	7,880	781	92.6	33.4	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030PE28FA15	8,642	825	92.7	39.7	3300	10.00	26.56	1.00
		286TP	4TEHS030PE28FB15	8,642	825	92.7	39.7	3300	12.00	26.56	1.00
		286TP	4TEHS030PE28FC15	8,642	825	92.7	39.7	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040PE32FC15	9,588	1034	93.2	52.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32FC15	11,214	1287	93.4	64.2	5700	16.50	28.66	1.25

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, Premium efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
415 volts, 60 Hz											
60	1800	364TP	4TEHS060PE36FC15	13,082	1221	94.0	75.7	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36FC15	15,656	1243	94.4	94.9	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40FC15	20,123	2002	94.8	126.8	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125PE40FC15	24,873	2046	94.8	154.3	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44FC15	32,460	2332	95.2	188.4	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44FD15	32,460	2332	95.2	188.4	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200PE44FC15	39,856	2546	95.2	246.2	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44FD15	39,856	2546	95.2	246.2	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44FC15	48,835	2546	95.2	308.3	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44FD15	48,835	2546	95.2	308.3	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44FC15	56,173	3278	95.6	368.5	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44FD15	56,173	3278	95.6	368.5	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44FC15	59,785	3762	95.6	429.9	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44FD15	59,785	3762	95.6	429.9	15680	20.00	56.86	1.94
460 volts, 60 Hz											
40	1800	324TP	4TEHS040PE32FC46	9,588	1034	93.2	47.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050PE32FC46	11,214	1287	93.4	58.1	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060PE36FC46	13,082	1221	93.9	68.6	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075PE36FC46	15,656	1243	94.4	85.7	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100PE40FC46	20,123	2002	94.8	114.5	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125PE40FC46	24,873	2046	94.8	139.3	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150PE44FC46	32,460	2332	95.2	169.9	15680	16.50	46.56	1.69
		444TP	4TEHS150PE44FD46	32,460	2332	95.2	169.9	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200PE44FC46	39,856	2546	95.2	222.4	15680	16.50	46.56	1.69
		445TP	4TEHS200PE44FD46	39,856	2546	95.2	222.4	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250PE44FC46	48,835	2546	95.2	277.6	15680	16.50	46.56	1.69
		445TP	4TEHS250PE44FD46	48,835	2546	95.2	277.6	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300PE44FC46	56,173	3278	95.6	333.7	15680	16.50	52.81	1.94
		447TP	4TEHS300PE44FD46	56,173	3278	95.6	333.7	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350PE44FC46	59,785	3762	95.6	388.7	15680	16.50	56.86	1.94
		449TP	4TEHS350PE44FD46	59,785	3762	95.6	388.7	15680	20.00	56.86	1.94

 Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, High efficient, three phase, Fire pump, International



Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
230/460 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5HE21FA42	4,231	445	89.8	9.6	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010HE21FA42	4,713	495	89.9	12.7	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015HE25FA42	5,993	682	91.3	18.8	3300	10.00	26.56	1.00
		254TP	4TEHS015HE25FB42	5,993	682	91.3	18.8	3300	12.00	26.56	1.00
		254TP	4TEHS015HE25FC42	5,993	682	91.3	18.8	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020HE25FA42	6,589	731	91.3	24.8	3300	10.00	26.56	1.00
		256TP	4TEHS020HE25FB42	6,589	731	91.3	24.8	3300	12.00	26.56	1.00
		256TP	4TEHS020HE25FC42	6,589	731	91.3	24.8	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025HE28FA42	7,486	781	92.7	30.3	3300	10.00	26.56	1.00
		284TP	4TEHS025HE28FB42	7,486	781	92.7	30.3	3300	12.00	26.56	1.00
		284TP	4TEHS025HE28FC42	7,486	781	92.7	30.3	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030HE28FA42	8,210	825	92.7	35.9	3300	10.00	26.56	1.00
		286TP	4TEHS030HE28FB42	8,210	825	92.7	35.9	3300	12.00	26.56	1.00
		286TP	4TEHS030HE28FC42	8,210	825	92.7	35.9	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040HE32FC42	9,109	1034	93.2	47.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050HE32FC42	10,654	1287	93.4	58.1	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060HE36FC42	12,428	1221	93.9	68.6	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075HE36FC42	14,873	1243	94.4	85.7	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100HE40FC42	19,117	2002	94.8	114.5	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125HE40FC42	23,629	2046	94.8	139.3	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150HE44FC42	30,837	2332	95.2	169.9	15680	16.50	46.56	1.69
		444TP	4TEHS150HE44FD42	30,837	2332	95.2	169.9	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200HE44FC42	37,864	2546	95.2	222.4	15680	16.50	46.56	1.69
		445TP	4TEHS200HE44FD42	37,864	2546	95.2	222.4	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250HE44FC42	46,393	2546	95.2	277.6	15680	16.50	46.56	1.69
		445TP	4TEHS250HE44FD42	46,393	2546	95.2	277.6	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300HE44FC42	53,365	3278	95.6	333.7	15680	16.50	52.81	1.94
		447TP	4TEHS300HE44FD42	53,365	3278	95.6	333.7	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350HE44FC42	56,796	3762	95.6	388.7	15680	16.50	56.86	1.94
		449TP	4TEHS350HE44FD42	56,796	3762	95.6	388.7	15680	20.00	56.86	1.94
380 volts, 50 Hz											
7.5	1500	213TP	4TEHS7.5HE21FA23	4,231	445	87.7	11.7	2500	10.00	22.94	0.75
10	1500	215TP	4TEHS010HE21FA23	4,713	495	88.8	15.3	2500	10.00	22.94	0.75
15	1500	254TP	4TEHS015HE25FA23	5,993	682	89.9	22.6	3300	10.00	26.56	1.00
		254TP	4TEHS015HE25FB23	5,993	682	89.9	22.6	3300	12.00	26.56	1.00
		254TP	4TEHS015HE25FC23	5,993	682	89.9	22.6	3300	16.50	26.56	1.00
20	1500	256TP	4TEHS020HE25FA23	6,589	731	90.7	29.3	3300	10.00	26.56	1.00
		256TP	4TEHS020HE25FB23	6,589	731	90.7	29.3	3300	12.00	26.56	1.00
		256TP	4TEHS020HE25FC23	6,589	731	90.7	29.3	3300	16.50	26.56	1.00

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
380 volts, 50 Hz											
25	1500	284TP	4TEHS025HE28FA23	7,486	781	91.3	36.4	3300	10.00	26.56	1.00
		284TP	4TEHS025HE28FB23	7,486	781	91.3	36.4	3300	12.00	26.56	1.00
		284TP	4TEHS025HE28FC23	7,486	781	91.3	36.4	3300	16.50	26.56	1.00
30	1500	286TP	4TEHS030HE28FA23	8,210	825	91.8	43.3	3300	10.00	26.56	1.00
		286TP	4TEHS030HE28FB23	8,210	825	91.8	43.3	3300	12.00	26.56	1.00
		286TP	4TEHS030HE28FC23	8,210	825	91.8	43.3	3300	16.50	26.56	1.00
40	1500	324TP	4TEHS040HE32FC23	9,109	1034	92.5	57.3	5700	16.50	28.66	1.25
50	1500	326TP	4TEHS050HE32FC23	10,654	1287	92.9	70.3	5700	16.50	28.66	1.25
60	1500	364TP	4TEHS060HE36FC23	12,428	1221	93.3	83.5	5700	16.50	30.08	1.25
75	1500	365TP	4TEHS075HE36FC23	14,873	1243	93.7	103.0	5700	16.50	30.08	1.25
100	1500	404TP	4TEHS100HE40FC23	19,117	2002	94.1	136.3	6700	16.50	39.93	1.50
125	1500	405TP	4TEHS125HE40FC23	23,629	2046	94.3	169.2	6700	16.50	39.93	1.50
150	1500	444TP	4TEHS150HE44FC23	30,837	2332	94.6	202.5	15680	16.50	46.56	1.69
		444TP	4TEHS150HE44FD23	30,837	2332	94.6	202.5	15680	20.00	46.56	1.69
200	1500	445TP	4TEHS200HE44FC23	37,864	2546	95.0	268.9	15680	16.50	46.56	1.69
		445TP	4TEHS200HE44FD23	37,864	2546	95.0	268.9	15680	20.00	46.56	1.69
250	1500	445TP	4TEHS250HE44FC23	46,393	2546	95.1	336.5	15680	16.50	46.56	1.69
		445TP	4TEHS250HE44FD23	46,393	2546	95.1	336.5	15680	20.00	46.56	1.69
300	1500	447TP	4TEHS300HE44FC23	53,365	3278	95.3	403.8	15680	16.50	52.81	1.94
		447TP	4TEHS300HE44FD23	53,365	3278	95.3	403.8	15680	20.00	52.81	1.94
350	1500	449TP	4TEHS350HE44FC23	56,796	3762	95.3	470.5	15680	16.50	56.86	1.94
		449TP	4TEHS350HE44FD23	56,796	3762	95.3	470.5	15680	20.00	56.86	1.94
380 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5HE21FA13	4,231	445	89.7	11.4	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010HE21FA13	4,713	495	89.8	15.1	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015HE25FA13	5,993	682	91.2	22.1	3300	10.00	26.56	1.00
		254TP	4TEHS015HE25FB13	5,993	682	91.2	22.1	3300	12.00	26.56	1.00
		254TP	4TEHS015HE25FC13	5,993	682	91.2	22.1	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020HE25FA13	6,589	731	91.3	29.3	3300	10.00	26.56	1.00
		256TP	4TEHS020HE25FB13	6,589	731	91.3	29.3	3300	12.00	26.56	1.00
		256TP	4TEHS020HE25FC13	6,589	731	91.3	29.3	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025HE28FA13	7,486	781	92.6	35.7	3300	10.00	26.56	1.00
		284TP	4TEHS025HE28FB13	7,486	781	92.6	35.7	3300	12.00	26.56	1.00
		284TP	4TEHS025HE28FC13	7,486	781	92.6	35.7	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030HE28FA13	8,210	825	92.6	42.8	3300	10.00	26.56	1.00
		286TP	4TEHS030HE28FB13	8,210	825	92.6	42.8	3300	12.00	26.56	1.00
		286TP	4TEHS030HE28FC13	8,210	825	92.6	42.8	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040HE32FC13	9,109	1034	93.2	56.9	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050HE32FC13	10,654	1287	93.3	69.2	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060HE36FC13	12,428	1221	93.8	81.8	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075HE36FC13	14,873	1243	94.3	101.9	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100HE40FC13	19,117	2002	94.7	135.0	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125HE40FC13	23,629	2046	94.7	167.1	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150HE44FC13	30,837	2332	95.1	201.5	15680	16.50	46.56	1.69
		444TP	4TEHS150HE44FD13	30,837	2332	95.1	201.5	15680	20.00	46.56	1.69

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
380 volts, 60 Hz											
200	1800	445TP	4TEHS200HE44FC13	37,864	2546	95.1	267.4	15680	16.50	46.56	1.69
		445TP	4TEHS200HE44FD13	37,864	2546	95.1	267.4	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250HE44FC13	46,393	2546	95.1	334.7	15680	16.50	46.56	1.69
		445TP	4TEHS250HE44FD13	46,393	2546	95.1	334.7	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300HE44FC13	53,365	3278	95.5	400.4	15680	16.50	52.81	1.94
		447TP	4TEHS300HE44FD13	53,365	3278	95.5	400.4	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350HE44FC13	56,796	3762	95.5	465.7	15680	16.50	56.86	1.94
		449TP	4TEHS350HE44FD13	56,796	3762	95.5	465.7	15680	20.00	56.86	1.94
400 volts, 50 Hz											
7.5	1500	213TP	4TEHS7.5HE21FA24	4,231	445	87.8	11.2	2500	10.00	22.94	0.75
10	1500	215TP	4TEHS010HE21FA24	4,713	495	89.0	14.7	2500	10.00	22.94	0.75
15	1500	254TP	4TEHS015HE25FA24	5,993	682	90.0	21.5	3300	10.00	26.56	1.00
		254TP	4TEHS015HE25FB24	5,993	682	90.0	21.5	3300	12.00	26.56	1.00
		254TP	4TEHS015HE25FC24	5,993	682	90.0	21.5	3300	16.50	26.56	1.00
20	1500	256TP	4TEHS020HE25FA24	6,589	731	90.7	27.8	3300	10.00	26.56	1.00
		256TP	4TEHS020HE25FB24	6,589	731	90.7	27.8	3300	12.00	26.56	1.00
		256TP	4TEHS020HE25FC24	6,589	731	90.7	27.8	3300	16.50	26.56	1.00
25	1500	284TP	4TEHS025HE28FA24	7,486	781	91.4	34.9	3300	10.00	26.56	1.00
		284TP	4TEHS025HE28FB24	7,486	781	91.4	34.9	3300	12.00	26.56	1.00
		284TP	4TEHS025HE28FC24	7,486	781	91.4	34.9	3300	16.50	26.56	1.00
30	1500	286TP	4TEHS030HE28FA24	8,210	825	91.8	41.5	3300	10.00	26.56	1.00
		286TP	4TEHS030HE28FB24	8,210	825	91.8	41.5	3300	12.00	26.56	1.00
		286TP	4TEHS030HE28FC24	8,210	825	91.8	41.5	3300	16.50	26.56	1.00
40	1500	324TP	4TEHS040HE32FC24	9,109	1034	92.5	55.1	5700	16.50	28.66	1.25
50	1500	326TP	4TEHS050HE32FC24	10,654	1287	92.9	66.9	5700	16.50	28.66	1.25
60	1500	364TP	4TEHS060HE36FC24	12,428	1221	93.3	78.5	5700	16.50	30.08	1.25
75	1500	365TP	4TEHS075HE36FC24	14,873	1243	93.7	98.7	5700	16.50	30.08	1.25
100	1500	404TP	4TEHS100HE40FC24	19,117	2002	94.1	130.8	6700	16.50	39.93	1.50
125	1500	405TP	4TEHS125HE40FC24	23,629	2046	94.3	161.0	6700	16.50	39.93	1.50
150	1500	444TP	4TEHS150HE44FC24	30,837	2332	94.7	192.8	15680	16.50	46.56	1.69
		444TP	4TEHS150HE44FD24	30,837	2332	94.7	192.8	15680	20.00	46.56	1.69
200	1500	445TP	4TEHS200HE44FC24	37,864	2546	95.1	256.3	15680	16.50	46.56	1.69
		445TP	4TEHS200HE44FD24	37,864	2546	95.1	256.3	15680	20.00	46.56	1.69
250	1500	445TP	4TEHS250HE44FC24	46,393	2546	95.2	320.4	15680	16.50	46.56	1.69
		445TP	4TEHS250HE44FD24	46,393	2546	95.2	320.4	15680	20.00	46.56	1.69
300	1500	447TP	4TEHS300HE44FC24	53,365	3278	95.2	387.2	15680	16.50	52.81	1.94
		447TP	4TEHS300HE44FD24	53,365	3278	95.2	387.2	15680	20.00	52.81	1.94
350	1500	449TP	4TEHS350HE44FC24	56,796	3762	95.3	452.0	15680	16.50	56.86	1.94
		449TP	4TEHS350HE44FD24	56,796	3762	95.3	452.0	15680	20.00	56.86	1.94
400 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5HE21FA14	4,231	445	89.8	11.0	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010HE21FA14	4,713	495	89.8	14.7	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015HE25FA14	5,993	682	91.3	21.7	3300	10.00	26.56	1.00
		254TP	4TEHS015HE25FB14	5,993	682	91.3	21.7	3300	12.00	26.56	1.00
		254TP	4TEHS015HE25FC14	5,993	682	91.3	21.7	3300	16.50	26.56	1.00

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
400 volts, 60 Hz											
20	1800	256TP	4TEHS020HE25FA14	6,589	731	91.3	28.5	3300	10.00	26.56	1.00
		256TP	4TEHS020HE25FB14	6,589	731	91.3	28.5	3300	12.00	26.56	1.00
		256TP	4TEHS020HE25FC14	6,589	731	91.3	28.5	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025HE28FA14	7,486	781	92.6	34.7	3300	10.00	26.56	1.00
		284TP	4TEHS025HE28FB14	7,486	781	92.6	34.7	3300	12.00	26.56	1.00
		284TP	4TEHS025HE28FC14	7,486	781	92.6	34.7	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030HE28FA14	8,210	825	92.6	41.3	3300	10.00	26.56	1.00
		286TP	4TEHS030HE28FB14	8,210	825	92.6	41.3	3300	12.00	26.56	1.00
		286TP	4TEHS030HE28FC14	8,210	825	92.6	41.3	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040HE32FC14	9,109	1034	93.2	54.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050HE32FC14	10,654	1287	93.4	66.6	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060HE36FC14	12,428	1221	94.0	78.6	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075HE36FC14	14,873	1243	94.4	98.5	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100HE40FC14	19,117	2002	94.8	131.4	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125HE40FC14	23,629	2046	94.8	160.1	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150HE44FC14	30,837	2332	95.2	195.3	15680	16.50	46.56	1.69
		444TP	4TEHS150HE44FD14	30,837	2332	95.2	195.3	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200HE44FC14	37,864	2546	95.1	255.5	15680	16.50	46.56	1.69
		445TP	4TEHS200HE44FD14	37,864	2546	95.1	255.5	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250HE44FC14	46,393	2546	95.2	319.6	15680	16.50	46.56	1.69
		445TP	4TEHS250HE44FD14	46,393	2546	95.2	319.6	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300HE44FC14	53,365	3278	95.6	383.6	15680	16.50	52.81	1.94
		447TP	4TEHS300HE44FD14	53,365	3278	95.6	383.6	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350HE44FC14	56,796	3762	95.6	446.6	15680	16.50	56.86	1.94
		449TP	4TEHS350HE44FD14	56,796	3762	95.6	446.6	15680	20.00	56.86	1.94
415 volts, 50 Hz											
7.5	1500	213TP	4TEHS7.5HE21FA25	4,231	445	87.8	10.8	2500	10.00	22.94	0.75
10	1500	215TP	4TEHS010HE21FA25	4,713	495	89.0	14.1	2500	10.00	22.94	0.75
15	1500	254TP	4TEHS015HE25FA25	5,993	682	90.0	20.9	3300	10.00	26.56	1.00
		254TP	4TEHS015HE25FB25	5,993	682	90.0	20.9	3300	12.00	26.56	1.00
		254TP	4TEHS015HE25FC25	5,993	682	90.0	20.9	3300	16.50	26.56	1.00
20	1500	256TP	4TEHS020HE25FA25	6,589	731	90.8	27.1	3300	10.00	26.56	1.00
		256TP	4TEHS020HE25FB25	6,589	731	90.8	27.1	3300	12.00	26.56	1.00
		256TP	4TEHS020HE25FC25	6,589	731	90.8	27.1	3300	16.50	26.56	1.00
25	1500	284TP	4TEHS025HE28FA25	7,486	781	91.4	34.0	3300	10.00	26.56	1.00
		284TP	4TEHS025HE28FB25	7,486	781	91.4	34.0	3300	12.00	26.56	1.00
		284TP	4TEHS025HE28FC25	7,486	781	91.4	34.0	3300	16.50	26.56	1.00
30	1500	286TP	4TEHS030HE28FA25	8,210	825	91.9	40.1	3300	10.00	26.56	1.00
		286TP	4TEHS030HE28FB25	8,210	825	91.9	40.1	3300	12.00	26.56	1.00
		286TP	4TEHS030HE28FC25	8,210	825	91.9	40.1	3300	16.50	26.56	1.00
40	1500	324TP	4TEHS040HE32FC25	9,109	1034	92.5	53.7	5700	16.50	28.66	1.25
50	1500	326TP	4TEHS050HE32FC25	10,654	1287	92.9	64.7	5700	16.50	28.66	1.25
60	1500	364TP	4TEHS060HE36FC25	12,428	1221	93.4	76.3	5700	16.50	30.08	1.25
75	1500	365TP	4TEHS075HE36FC25	14,873	1243	93.7	95.0	5700	16.50	30.08	1.25
100	1500	404TP	4TEHS100HE40FC25	19,117	2002	94.1	125.9	6700	16.50	39.93	1.50

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, High efficient, three phase, Fire pump, International

Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
415 volts, 50 Hz											
125	1500	405TP	4TEHS125HE40FC25	23,629	2046	94.4	155.4	6700	16.50	39.93	1.50
150	1500	444TP	4TEHS150HE44FC25	30,837	2332	94.7	186.0	15680	16.50	46.56	1.69
		444TP	4TEHS150HE44FD25	30,837	2332	94.7	186.0	15680	20.00	46.56	1.69
200	1500	445TP	4TEHS200HE44FC25	37,864	2546	95.1	247.6	15680	16.50	46.56	1.69
		445TP	4TEHS200HE44FD25	37,864	2546	95.1	247.6	15680	20.00	46.56	1.69
250	1500	445TP	4TEHS250HE44FC25	46,393	2546	95.2	315.5	15680	16.50	46.56	1.69
		445TP	4TEHS250HE44FD25	46,393	2546	95.2	315.5	15680	20.00	46.56	1.69
300	1500	447TP	4TEHS300HE44FC25	53,365	3278	95.3	377.4	15680	16.50	52.81	1.94
		447TP	4TEHS300HE44FD25	53,365	3278	95.3	377.4	15680	20.00	52.81	1.94
350	1500	449TP	4TEHS350HE44FC25	56,796	3762	95.3	439.7	15680	16.50	56.86	1.94
		449TP	4TEHS350HE44FD25	56,796	3762	95.3	439.7	15680	20.00	56.86	1.94
415 volts, 60 Hz											
7.5	1800	213TP	4TEHS7.5HE21FA15	4,231	445	89.8	10.6	2500	10.00	22.94	0.75
10	1800	215TP	4TEHS010HE21FA15	4,713	495	89.8	14.1	2500	10.00	22.94	0.75
15	1800	254TP	4TEHS015HE25FA15	5,993	682	91.3	20.9	3300	10.00	26.56	1.00
		254TP	4TEHS015HE25FB15	5,993	682	91.3	20.9	3300	12.00	26.56	1.00
		254TP	4TEHS015HE25FC15	5,993	682	91.3	20.9	3300	16.50	26.56	1.00
20	1800	256TP	4TEHS020HE25FA15	6,589	731	91.4	27.5	3300	10.00	26.56	1.00
		256TP	4TEHS020HE25FB15	6,589	731	91.4	27.5	3300	12.00	26.56	1.00
		256TP	4TEHS020HE25FC15	6,589	731	91.4	27.5	3300	16.50	26.56	1.00
25	1800	284TP	4TEHS025HE28FA15	7,486	781	92.6	33.4	3300	10.00	26.56	1.00
		284TP	4TEHS025HE28FB15	7,486	781	92.6	33.4	3300	12.00	26.56	1.00
		284TP	4TEHS025HE28FC15	7,486	781	92.6	33.4	3300	16.50	26.56	1.00
30	1800	286TP	4TEHS030HE28FA15	8,210	825	92.7	39.7	3300	10.00	26.56	1.00
		286TP	4TEHS030HE28FB15	8,210	825	92.7	39.7	3300	12.00	26.56	1.00
		286TP	4TEHS030HE28FC15	8,210	825	92.7	39.7	3300	16.50	26.56	1.00
40	1800	324TP	4TEHS040HE32FC15	9,109	1034	93.2	52.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050HE32FC15	10,654	1287	93.4	64.2	5700	16.50	28.66	1.25
60	1800	364TP	4TEHS060HE36FC15	12,428	1221	94.0	75.7	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075HE36FC15	14,873	1243	94.4	94.9	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100HE40FC15	19,117	2002	94.8	126.8	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125HE40FC15	23,629	2046	94.8	154.3	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150HE44FC15	30,837	2332	95.2	188.4	15680	16.50	46.56	1.69
		444TP	4TEHS150HE44FD15	30,837	2332	95.2	188.4	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200HE44FC15	37,864	2546	95.2	246.2	15680	16.50	46.56	1.69
		445TP	4TEHS200HE44FD15	37,864	2546	95.2	246.2	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250HE44FC15	46,393	2546	95.2	308.3	15680	16.50	46.56	1.69
		445TP	4TEHS250HE44FD15	46,393	2546	95.2	308.3	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300HE44FC15	53,365	3278	95.6	368.5	15680	16.50	52.81	1.94
		447TP	4TEHS300HE44FD15	53,365	3278	95.6	368.5	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350HE44FC15	56,796	3762	95.6	429.9	15680	16.50	56.86	1.94
		449TP	4TEHS350HE44FD15	56,796	3762	95.6	429.9	15680	20.00	56.86	1.94
460 volts, 60 Hz											
40	1800	324TP	4TEHS040HE32FC46	9,109	1034	93.2	47.6	5700	16.50	28.66	1.25
50	1800	326TP	4TEHS050HE32FC46	10,654	1287	93.4	58.1	5700	16.50	28.66	1.25

Cast iron frame

Red catalog number indicates **NEW** product

VHS, TEFC, High efficient, three phase, Fire pump, International

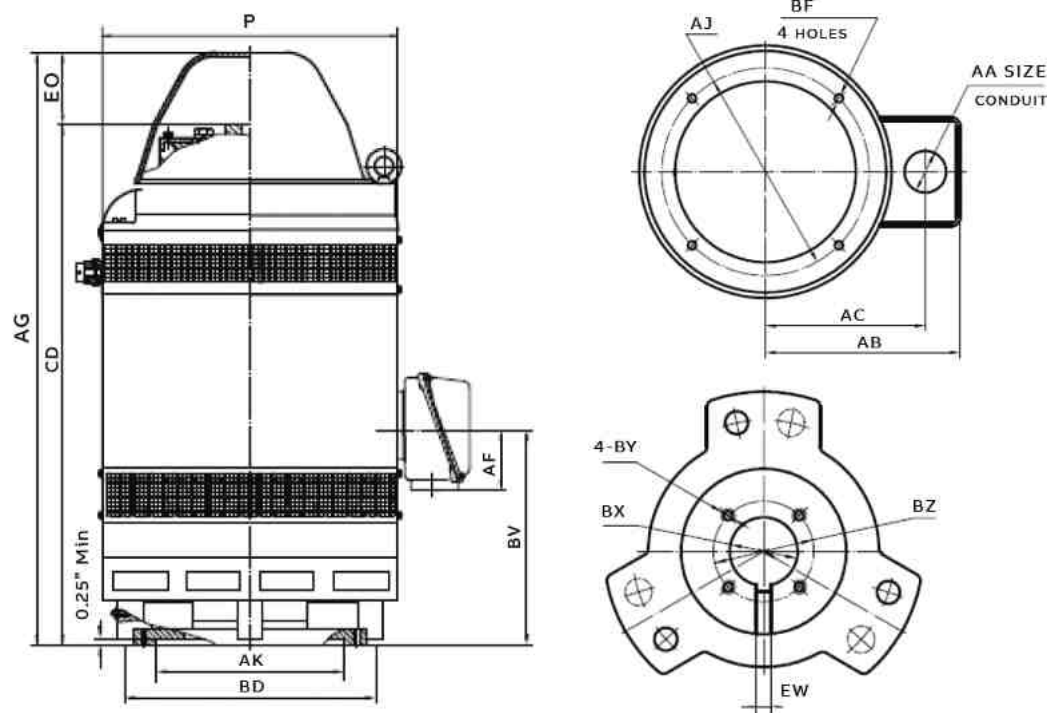
Hp	RPM	Frame	Catalog Number	List Price (USD)	Aprx. Wt. (lb)	Full Load Eff.	Full Load Amps	Down-thrust (lbf)	P-base BD (in.)	CD Dim. (in.)	Cplg BX
460 volts, 60 Hz											
60	1800	364TP	4TEHS060HE36FC46	12,428	1221	93.9	68.6	5700	16.50	30.08	1.25
75	1800	365TP	4TEHS075HE36FC46	14,873	1243	94.4	85.7	5700	16.50	30.08	1.25
100	1800	404TP	4TEHS100HE40FC46	19,117	2002	94.8	114.5	6700	16.50	39.93	1.50
125	1800	405TP	4TEHS125HE40FC46	23,629	2046	94.8	139.3	6700	16.50	39.93	1.50
150	1800	444TP	4TEHS150HE44FC46	30,837	2332	95.2	169.9	15680	16.50	46.56	1.69
		444TP	4TEHS150HE44FD46	30,837	2332	95.2	169.9	15680	20.00	46.56	1.69
200	1800	445TP	4TEHS200HE44FC46	37,864	2546	95.2	222.4	15680	16.50	46.56	1.69
		445TP	4TEHS200HE44FD46	37,864	2546	95.2	222.4	15680	20.00	46.56	1.69
250	1800	445TP	4TEHS250HE44FC46	46,393	2546	95.2	277.6	15680	16.50	46.56	1.69
		445TP	4TEHS250HE44FD46	46,393	2546	95.2	277.6	15680	20.00	46.56	1.69
300	1800	447TP	4TEHS300HE44FC46	53,365	3278	95.6	333.7	15680	16.50	52.81	1.94
		447TP	4TEHS300HE44FD46	53,365	3278	95.6	333.7	15680	20.00	52.81	1.94
350	1800	449TP	4TEHS350HE44FC46	56,796	3762	95.6	388.7	15680	16.50	56.86	1.94
		449TP	4TEHS350HE44FD46	56,796	3762	95.6	388.7	15680	20.00	56.86	1.94

 Cast iron frame

Red catalog number indicates **NEW** product

DIMENSIONS

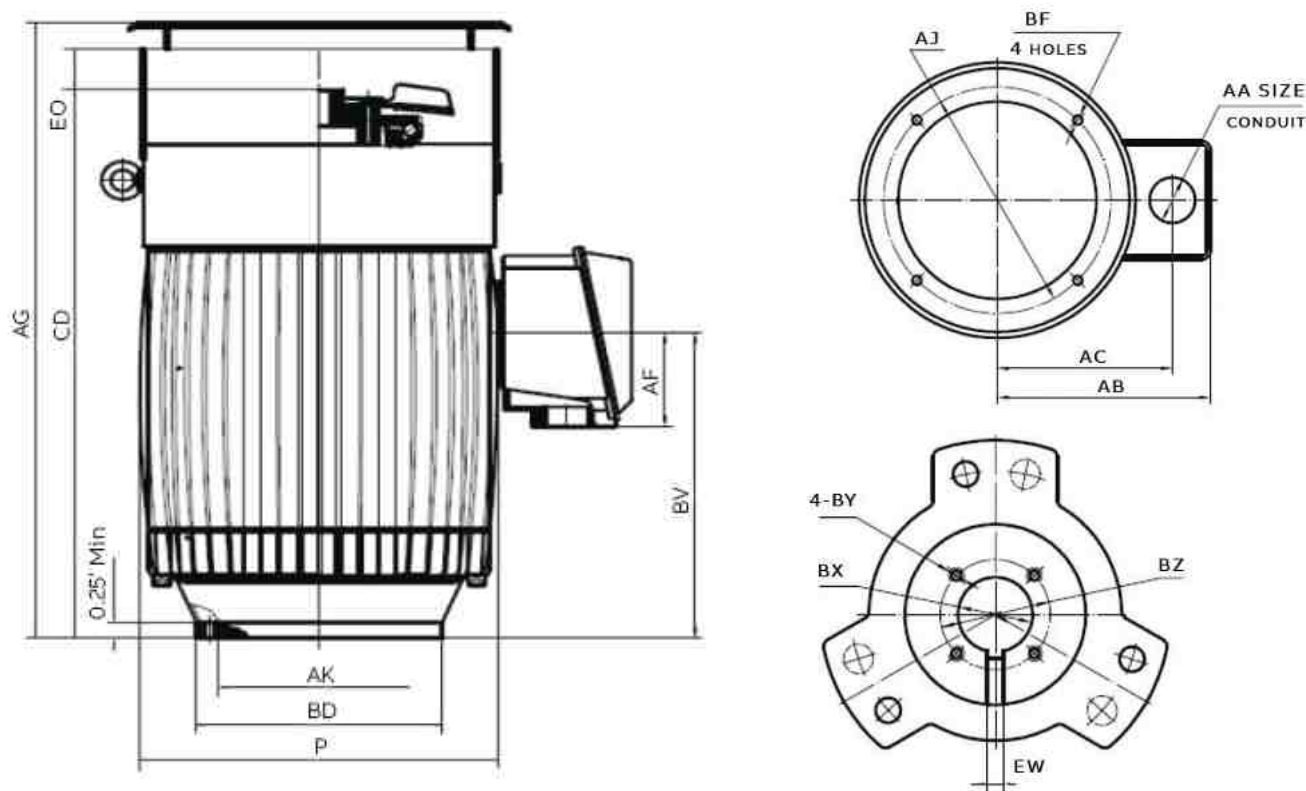
WP1 Premium efficient, three phase



Hp	Frame	Mounting dimensions (in)										Overall dimensions (in)					
		BD	AJ	AK	BF	BV	AF	BX	BZ	EW	CD	EO	AA	P	AB	AC	AG
15	254TP	10	9.125	8.25	0.44	12.7	5.2	1	1.375	0.25	23.38	3.22	1.5	16.1	14.1	11.2	28.1
20	256TP	10	9.125	8.25	0.44	12.7	5.2	1	1.375	0.25	23.38	3.22	1.5	16.1	14.1	11.2	28.1
25	284TP	10	9.125	8.25	0.44	14.1	5.2	1	1.375	0.25	24.75	3.22	1.5	16.1	14.1	11.2	29.5
30	286TP	10	9.125	8.25	0.44	14.1	5.2	1	1.375	0.25	24.75	3.22	1.5	16.1	14.1	11.2	29.5
40	324TP	16.5	14.75	13.5	0.69	13.5	5.2	1.25	1.75	0.25	28.22	4.22	3	17.3	14.8	11.8	32.7
50	326TP	16.5	14.75	13.5	0.69	13.5	5.2	1.25	1.75	0.25	28.22	4.22	3	17.3	14.8	11.8	32.7
60	364TP	16.5	14.75	13.5	0.69	15.3	5.2	1.25	1.75	0.25	31.16	4.56	3	19.1	15.6	12.6	36.0
75	365TP	16.5	14.75	13.5	0.69	15.3	5.2	1.25	1.75	0.25	31.16	4.56	3	19.1	15.6	12.6	36.0
100	404TP	16.5	14.75	13.5	0.69	19.5	5.2	1.5	2.125	0.375	36.94	4.56	3	21.0	16.9	13.6	42.2
125	405TP	16.5	14.75	13.5	0.69	19.5	5.2	1.5	2.125	0.375	36.94	4.56	3	21.0	16.9	13.6	42.2
150	444TP	16.5	14.75	13.5	0.69	22.6	7.2	1.69	2.50	0.375	42.66	5	3	23.2	20.6	15.6	47.7
200	445TP	16.5	14.75	13.5	0.69	22.6	7.2	1.69	2.50	0.375	42.66	5	3	23.2	20.6	15.6	47.7
250	445TP	16.5	14.75	13.5	0.69	22.6	7.2	1.69	2.50	0.375	42.66	5	3	23.2	20.6	15.6	47.7
300	447TP	16.5	14.75	13.5	0.69	29.7	7.2	1.94	2.50	0.50	49.75	5	3.5	23.2	20.6	15.6	54.8
300	5006P	24.5	14.75	13.5	0.69	26.3	10.6	1.94	2.50	0.50	49.75	6	3.5	26.8	22.2	18.5	56.1
350	5006P	24.5	14.75	13.5	0.69	26.3	10.6	1.94	2.50	0.50	49.75	6	3.5	26.8	22.2	18.5	56.1
400	5008P	24.5	14.75	13.5	0.69	30.4	10.6	2.188	3.25	0.50	53.88	6	3.5	26.8	22.2	18.5	60.2
450	5008P	24.5	14.75	13.5	0.69	30.4	10.6	2.188	3.25	0.50	53.88	6	3.5	26.8	22.2	18.5	60.2
500	5008P	24.5	14.75	13.5	0.69	30.4	10.6	2.188	3.25	0.50	53.88	6	3.5	26.8	22.2	18.5	60.2

DIMENSIONS

TEFC Premium efficient, three phase



Hp	Frame	Mounting dimensions (in)										Overall dimensions (in)				
		BD	AJ	AK	BF	BV	AF	BX	EW	CD	EO	AA	P	AB	AC	AG
7.5	213TP	10	9.125	8.25	0.44	9.5	5	0.75	0.188	22.94	3.15	1.5	15.2	14.3	11.2	29.2
10	215TP	10	9.125	8.25	0.44	9.5	5	0.75	0.188	22.94	3.15	1.5	15.2	14.3	11.2	29.2
15	254TP	10	9.125	8.25	0.44	11.0	5	1	0.25	26.56	6.25	1.5	17.1	15.2	12.1	32.8
20	256TP	10	9.125	8.25	0.44	11.0	5	1	0.25	26.56	6.25	1.5	17.1	15.2	12.1	32.8
25	284TP	10	9.125	8.25	0.44	11.0	5	1	0.25	26.56	6.25	1.5	17.1	15.2	12.1	32.8
30	286TP	10	9.125	8.25	0.44	11.0	5	1	0.25	26.56	6.25	1.5	17.1	15.2	12.1	32.8
40	324TP	16.5	14.75	13.5	0.69	14.5	5	1.25	0.25	28.66	6.25	3	19.6	16.1	12.8	34.9
50	326TP	16.5	14.75	13.5	0.69	14.5	5	1.25	0.25	28.66	6.25	3	19.6	16.1	12.8	34.9
60	364TP	16.5	14.75	13.5	0.69	16.0	5	1.25	0.25	30.08	6.25	3	19.6	16.1	12.8	36.8
75	365TP	16.5	14.75	13.5	0.69	16.0	5	1.25	0.25	30.08	6.25	3	19.6	16.1	12.8	36.8
100	404TP	16.5	14.75	13.5	0.69	18.0	5	1.5	0.375	39.93	9.86	3	24.3	21.1	16.2	51.52
125	405TP	16.5	14.75	13.5	0.69	18.0	5	1.5	0.375	39.93	9.86	3	24.3	21.1	16.2	51.52
150	444TP	16.5	14.75	13.5	0.69	24.0	5	1.69	0.375	46.56	9.86	3	24.3	21.1	16.2	56.4
200	445TP	16.5	14.75	13.5	0.69	24.0	5	1.69	0.375	46.56	9.86	3	24.3	21.1	16.2	56.4
250	445TP	16.5	14.75	13.5	0.69	24.0	5	1.69	0.375	46.56	9.86	3	24.3	21.1	16.2	56.4
300	447TP	16.5	14.75	13.5	0.69	30.0	5	1.94	0.375	52.81	9.86	3.5	24.3	21.1	16.2	62.7
350	449TP	16.5	14.75	13.5	0.69	34.0	5	1.94	0.375	56.86	9.86	3.5	24.3	21.1	16.2	66.8

P-BASE OPTIONS

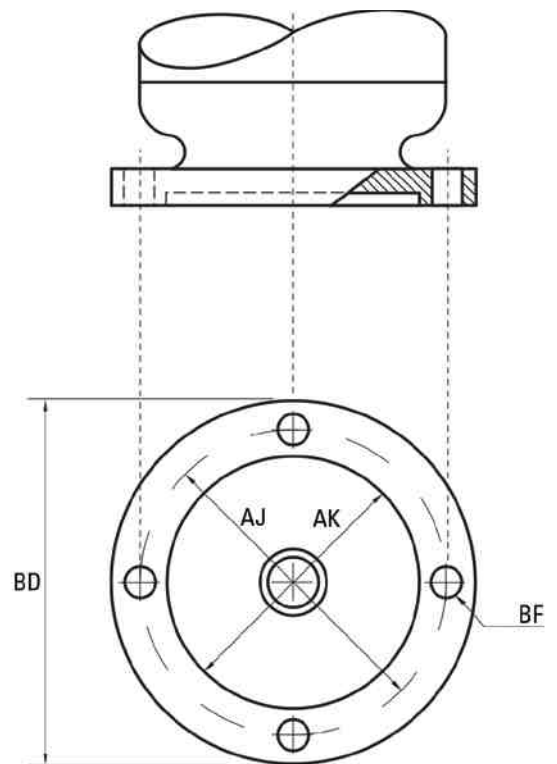
WP1 flange

The following table shows the bases that fit each of the Hp/frame sizes. Proper alignment of pump flange and motor flange is critical. Small errors in alignment are magnified by the distance from the flange to the top of the motor, resulting in vibration, electrical noise, premature bearing wear and oil leakage.

P-base options for WP1				P-Base Dimensions (in)			
Hp	Frame	Base Size	Catalog number	BD	AJ	AK	BF
15 - 30	250/280	10	PBASE250/280-10	10	9.125	8.25	0.44
		12	PBASE250/280-12	12	9.125	8.25	0.44
		16.5	PBASE250/280-16.5	16.5	14.75	13.5	0.69
40 - 50	320	12	PBASE320-12	12	9.125	8.25	0.44
		16.5	PBASE320-16.5	16.5	14.75	13.5	0.69
60 - 75	360	16.5	PBASE360-16.5	16.5	14.75	13.5	0.69
100 - 125	400	16.5	PBASE400-16.5	16.5	14.75	13.5	0.69
150 - 350	440	16.5	PBASE440-16.5	16.5	14.75	13.5	0.69
		20	PBASE440-20	20	14.75	13.5	0.69
300 - 500	5000	20	PBASE5000-20	20w	14.75	13.5	0.69
		24.5	PBASE5000-24.5	24.5	14.75	13.5	0.69

Red catalog number indicates **NEW** product

Indicates standard flange size



P-BASE OPTIONS

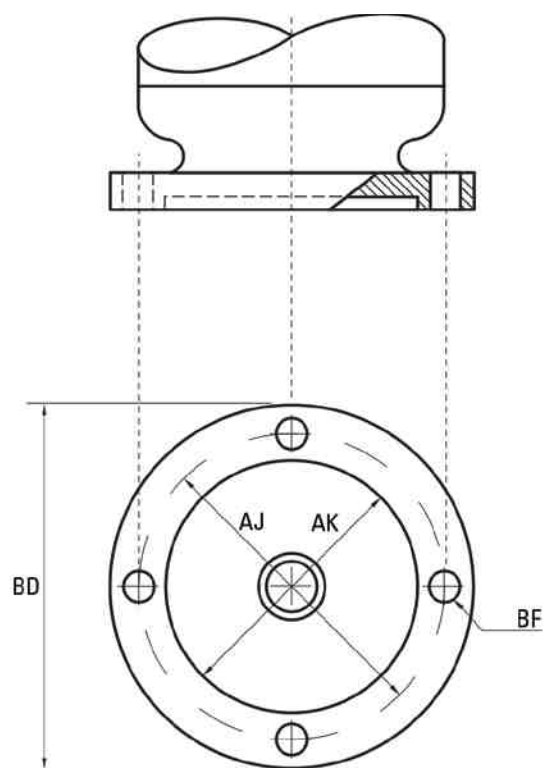
TEFC flange

The following table shows the bases that fit each of the Hp/frame sizes. Proper alignment of pump flange and motor flange is critical. Small errors in alignment are magnified by the distance from the flange to the top of the motor, resulting in vibration, electrical noise, premature bearing wear and oil leakage.

P-base options for TEFC				P-Base Dimensions (in)			
Hp	Frame	Base Size	Catalog number	BD	AJ	AK	BF
7.5 - 10	210	10.0	PBTE210-10	10.0	9.125	8.25	0.44
15 - 30	250/280	10.0	PBTE250/280-10	10.0	9.125	8.25	0.44
		12.0	PBTE250/280-12	12.0	9.125	8.25	0.44
		16.5	PBTE250/280-16.5	16.5	14.75	13.5	0.69
40 - 50	320	16.5	PBTE320-16.5	16.5	14.75	13.5	0.69
60 - 75	360	16.5	PBTE360-16.5	16.5	14.75	13.5	0.69
100 - 125	400	16.5	PBTE400-16.5	16.5	14.75	13.5	0.69
150 - 350	440	16.5	PBTE440-16.5	16.5	14.75	13.5	0.69
		20.0	PBTE440-20	20.0	14.75	13.5	0.69

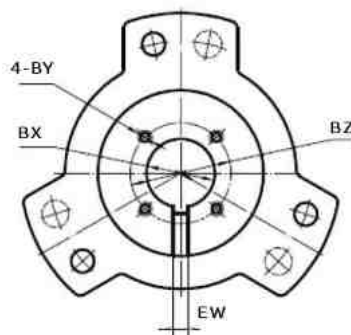
Red catalog number indicates **NEW** product

Indicates standard flange size



COUPLING

WP1 option



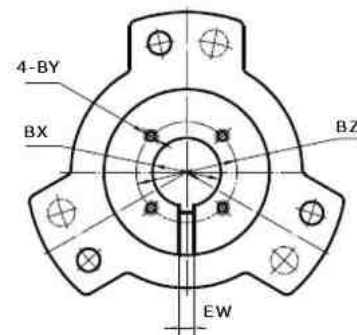
Coupling options for WP1				Coupling dimensions (in)			
Hp	Frame	Bore size (BX nom)	Catalog number	BX (Actual)	BY (Bolt size)	BZ	Sq. Key
15 - 30	250/280	1	C250/280-1	1.001	#10 - 32	1 - 3/8	1/4
		1-3/16	C250/280-1316	1.188	1/4 - 20	1 - 3/4	1/4
		1-1/3	C250/280-114	1.251	1/4 - 20	1 - 3/4	1/4
40 - 75	320/360	1	C320/360-1	1.001	#10 - 32	1 - 3/8	1/4
		1-3/16	C320/360-1316	1.188	1/4 - 20	1 - 3/4	1/4
		1-1/4	C320/360-114	1.251	1/4 - 20	1 - 3/4	1/4
		1-1/2	C320/360-112	1.501	1/4 - 20	2 - 1/8	3/8
100 - 125	400	1-3/16	C400-1316	1.188	1/4 - 20	1 - 3/4	1/4
		1-1/4	C400-114	1.251	1/4 - 20	1 - 3/4	1/4
		1-1/2	C400-112	1.501	1/4 - 20	2 - 1/8	3/8
		1-11/16	C400-11116	1.688	1/4 - 20	2 - 1/2	3/8
		1-15/16	C400-11516	1.938	1/4 - 20	2 - 1/2	1/2
150 - 350	440	1-3/16	C440-1316	1.188	1/4 - 20	1 - 3/4	1/4
		1-1/4	C440-114	1.251	1/4 - 20	1 - 3/4	1/4
		1-1/2	C440-112	1.501	1/4 - 20	2 - 1/8	3/8
		1-11/16	C440-11116	1.688	1/4 - 20	2 - 1/2	3/8
		1-15/16	C440-11516	1.938	1/4 - 20	2 - 1/2	1/2
300 - 350	440	1-3/16	C440-1316	1.188	1/4 - 20	1 - 3/4	1-4
		1-1/4	C440-114	1.251	1/4 - 20	1 - 3/4	1/4
		1-1/2	C440-112	1.501	1/4 - 20	1 - 3/4	3/8
		1-11/16	C440-11116	1.688	1/4 - 20	2 - 1/2	3/8
		1-15/16	C440-11516	1.938	1/4 - 20	2 - 1/2	1/2
300 - 350	5000	1-11/16	C5000-11116	1.688	1/4 - 20	2 - 1/2	3/8
		1-15/16	C5000-11516	1.938	1/4 - 20	2 - 1/2	1/2
		2-3/16	C5000-2316	2.188	3/8 - 16	3 - 1/4	1/2
400 - 500	5000	1-11/16	C5000-11116	1.688	1/4 - 20	2 - 1/2	3/8
		1-15/16	C5000-11516	1.938	1/4 - 20	2 - 1/2	1/2
		2-3/16	C5000-2316	2.188	3/8 - 16	3 - 1/4	1/2

Hp	Frame	Downthrust (lbs.)
15	254TP	3,300
20	256TP	3,300
25	284TP	3,300
30	286TP	3,300
40	324TP	5,700
50	326TP	5,700
60	364TP	5,700
75	365TP	5,700
100	404TP	6,700
125	405TP	6,700
150	444TP	15,680
200	445TP	15,680
250	445TP	15,680
300	447TP	15,680
350	449TP	15,680
300	5006P	16,480
350	5006P	16,480
400	5008P	16,480
450	5008P	16,480
500	5008P	16,480

Indicates standard coupling size

COUPLING

TEFC option



Coupling options for TEFC				Coupling Dimensions (in)			
Hp	Frame	Bore size (BX nom)	Catalog number	Bx (Actual)	BY (Bolt size)	BZ	SQ. Key
7.5 - 10	210	3/4	C210-34-TE	0.751	#10 - 32	1 - 3/8	3/16
15-30	250/280	1	C250/280-1TE	1.001	#10 - 32	1 - 3/8	1/4
		1 - 3/16	C250/280-1316TE	1.188	1/4 - 20	1 - 3/4	1/4
		1 - 1/4	C250/280-114TE	1.251	1/4 - 20	1 - 3/4	1/4
40 - 75	320/360	1	C320/360-1TE	1.001	#10 - 32	1 - 3/8	1/4
		1 - 3/16	C320/360-1316TE	1.188	1/4 - 20	1 - 3/4	1/4
		1 - 1/4	C320/360-114TE	1.251	1/4 - 20	1 - 3/4	1/4
		1 - 1/2	C320/360-112TE	1.501	1/4 - 20	2 - 1/8	3/8
100 - 125	400	1 - 3/16	C400-1316TE	1.188	1/4 - 20	1 - 3/4	1/4
		1 - 1/4	C400-114TE	1.251	1/4 - 20	1 - 3/4	1/4
		1 - 1/2	C400-112TE	1.501	1/4 - 20	2 - 1/8	3/8
		1 - 11/16	C400-11116TE	1.688	1/4 - 20	2 - 1/2	3/8
150 - 350	440	1 - 3/16	C440-1316TE	1.188	1/4 - 20	1 - 3/4	1/4
		1 - 1/4	C440-114TE	1.251	1/4 - 20	1 - 3/4	1/4
		1 - 1/2	C440-112TE	1.501	1/4 - 20	2 - 1/8	3/8
		1 - 11/16	C440-11116TE	1.688	1/4 - 20	2 - 1/2	3/8
		1 - 15/16	C440-11516TE	1.938	1/4 - 20	2 - 1/2	1/2

HP	Frame	Downthrust (lbs.)
7.5	213TP	405
10	215TP	450
15	254TP	620
20	256TP	665
25	284TP	710
30	286TP	750
40	324TP	940
50	326TP	1,170
60	364TP	1,110
75	365TP	1,130
100	404TP	1,820
125	405TP	1,860
150	444TP	2,120
200	445TP	2,315
250	445TP	2,540
300	447TP	2,980
350	449TP	3,420

Indicates standard coupling size



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