

World Motor®

NEMA & IEC, Horizontal A.C., TEFC,
Cast Iron, General Purpose Motors

HOSTILE DUTY™ | CORRO-DUTY® | 841 PLUS® | INVERTER DUTY

Nidec

Countless Solutions. Expert Support.



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY® NEMA®† Premium Efficient

APPLICATIONS:

For pulp & paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries requiring protection within harsh operating conditions.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- Corrosion Resistant Mill & Chemical Duty Paint
- Cast Iron Frame, Cast Iron End Brackets
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- Dual Voltage 230/460 Volts (1-100 HP)
- 40°C Ambient, NEMA®† Design B Performance On 60 Hz Sine Wave Power
- Self-Certified Class I, Division 2, Groups A, B, C, & D Double Shielded Bearings 140-360, Open on 400-440
- Steel Fan Cover & Conduit Box
- 1.15 Service Factor @ 60 Hz
- Field Convertible To F2 Mounting
- Condensation Drains With Plastic Plugs
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits
- Bearing Caps On 400-440
- Suitable for 20:1 (3-60hz) Variable Torque On Inverter Power
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1	1800	200	143T	HD1P2H	\$461	DS-3HDW	1.15	13.5	60	85.5	3.4/3.4	
	1800	230/460	143T	HD1P2E	\$461	DS-3HDW	1.15	13.5	60	85.5	3/1.5	105,G
	1800	575	143T	HD1P2G	\$461	DS-3HDW	1.15	13.5	60	85.5	1.2	
	1200	200	145T	HD1P3H	\$588	DS-3HDW	1.15	13.5	70	82.5	4.1/4.1	
	1200	230/460	145T	HD1P3E	\$588	DS-3HDW	1.15	13.5	70	82.5	3.7/1.8	105,G
	1200	575	145T	HD1P3G	\$588	DS-3HDW	1.15	13.5	70	82.5	1.4	
	900	230/460	182T	HD1P4E	\$840	DS-3HDW	1.15	16.3	80	75.5	4.5/2.3	105,G
1 1/2	3600	200	143T	HD32P1H	\$513	DS-3HDW	1.15	13.5	50	84.0	4.5/4.4	
	3600	230/460	143T	HD32P1E	\$513	DS-3HDW	1.15	13.5	50	84.0	4.2-3.9/1.9	105,G
	3600	575	143T	HD32P1G	\$513	DS-3HDW	1.15	13.5	50	84.0	1.6	
	1800	200	145T	HD32P2H	\$492	DS-3HDW	1.15	13.5	70	86.5	4.7/4.7	
	1800	230/460	145T	HD32P2E	\$492	DS-3HDW	1.15	13.5	70	86.5	4.1/2.1	105,G
	1800	575	145T	HD32P2G	\$492	DS-3HDW	1.15	13.5	70	86.5	1.6	
	1200	200	182T	HD32P3H	\$662	DS-3HDW	1.15	16.3	90	87.5	5.1/5.1	
	1200	230/460	182T	HD32P3E	\$662	DS-3HDW	1.15	16.3	90	87.5	4.5/2.2	105,G
	1200	575	182T	HD32P3G	\$662	DS-3HDW	1.15	16.3	90	87.5	1.8	
	900	230/460	184T	HD32P4E	\$1,025	DS-3HDW	1.15	16.3	100	78.5	6.3/3.1	105,G
2	3600	200	145T	HD2P1H	\$533	DS-3HDW	1.15	13.5	50	85.5	5.7/5.6	
	3600	230/460	145T	HD2P1E	\$533	DS-3HDW	1.15	13.5	50	85.5	5/2.5	105,G
	3600	575	145T	HD2P1G	\$533	DS-3HDW	1.15	13.5	50	86.5	2	
	1800	200	145T	HD2P2H	\$541	DS-3HDW	1.15	13.5	70	86.5	6.2/6.1	
	1800	230/460	145T	HD2P2E	\$541	DS-3HDW	1.15	13.5	70	86.5	5.3/2.7	105,G
	1800	575	145T	HD2P2G	\$541	DS-3HDW	1.15	13.5	70	86.5	2.1	
	1200	200	184T	HD2P3H	\$755	DS-3HDW	1.15	16.3	100	88.5	7/7	
	1200	230/460	184T	HD2P3E	\$755	DS-3HDW	1.15	16.3	100	88.5	6.2/3.1	105,G
	1200	575	184T	HD2P3G	\$755	DS-3HDW	1.15	16.3	100	88.5	2.5	
	900	230/460	213T	HD2P4E	\$1,045	DS-3HDW	1.15	19.6	120	84.0	6.6/3.3	105,G
3	3600	200	182T	HD3P1H	\$619	DS-3HDW	1.15	16.3	70	86.5	9.3	
	3600	230/460	182T	HD3P1E	\$619	DS-3HDW	1.15	16.3	70	86.5	8.2/4.1	105,G
	3600	575	182T	HD3P1G	\$619	DS-3HDW	1.15	16.3	80	86.5	3.3	
	1800	200	182T	HD3P2H	\$590	DS-3HDW	1.15	16.3	90	89.5	8.8/8.6	
	1800	230/460	182T	HD3P2E	\$590	DS-3HDW	1.15	16.3	90	89.5	7.8/3.9	105,G
	1800	575	182T	HD3P2G	\$590	DS-3HDW	1.15	16.3	100	89.5	3.1	
	1200	200	213T	HD3P3H	\$940	DS-3HDW	1.15	19.6	150	89.5	9.8/9.6	
	1200	230/460	213T	HD3P3E	\$940	DS-3HDW	1.15	19.6	150	89.5	8.6/4.3	105,G
	1200	575	213T	HD3P3G	\$940	DS-3HDW	1.15	19.6	150	90.2	3.5	
	900	230/460	215T	HD3P4E	\$1,457	DS-3HDW	1.15	19.6	150	85.5	10.4/5.2	105,G

Note 105 208 Volt Suitable

Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz, 460V 60 Hz ratings operate on 400V 50 Hz; Full 60 & 50 Hz data on Nameplate



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY® NEMA®† Premium Efficient

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
5	3600	200	184T	HD5P1H	\$734	DS-3HDW	1.15	16.3	90	88.5	14.1/13.8	
	3600	230/460	184T	HD5P1E	\$734	DS-3HDW	1.15	16.3	90	88.5	12.3/6.1	105,G
	3600	575	184T	HD5P1G	\$734	DS-3HDW	1.15	16.3	90	88.5	4.9	
	1800	200	184T	HD5P2H	\$673	DS-3HDW	1.15	16.3	100	89.5	14.5/14.2	
	1800	230/460	184T	HD5P2E	\$673	DS-3HDW	1.15	16.3	100	89.5	12.7/6.3	105,G
	1800	575	184T	HD5P2G	\$673	DS-3HDW	1.15	16.3	110	89.5	5.1	
	1200	200	215T	HD5P3H	\$1,213	DS-3HDW	1.15	19.6	170	89.5	16.4/16.3	
	1200	230/460	215T	HD5P3E	\$1,213	DS-3HDW	1.15	19.6	170	89.5	14.2/7.1	105,G
	1200	575	215T	HD5P3G	\$1,213	DS-3HDW	1.15	19.6	170	89.5	5.7	
	900	230/460	254T	HD5P4E	\$1,899	DS-3HDW	1.15	24.9	220	86.5	15/7.5	02,105,G
7 1/2	3600	200	213T	HD7P1H	\$955	DS-3HDW	1.15	19.6	130	89.5	20.8/20.1	
	3600	230/460	213T	HD7P1E	\$955	DS-3HDW	1.15	19.6	130	89.5	18.1/9	105,G
	3600	575	213T	HD7P1G	\$955	DS-3HDW	1.15	19.6	130	89.5	7.2	
	1800	200	213T	HD7P2H	\$917	DS-3HDW	1.15	19.6	150	91.7	22/21.6	
	1800	230/460	213T	HD7P2E	\$917	DS-3HDW	1.15	19.6	150	91.7	19.1/9.6	105,G
	1800	575	213T	HD7P2G	\$917	DS-3HDW	1.15	19.6	160	91.7	7.8	
	1200	230/460	254T	HD7P3E	\$1,629	DS-3HDW	1.15	24.9	300	91.0	18.8/9.4	105,G
	1200	575	254T	HD7P3G	\$1,629	DS-3HDW	1.15	24.9	240	91.0	7.6	
	900	230/460	256T	HD7P4E	\$2,476	DS-3HDW	1.15	24.9	250	86.5	22.3/11.1	02,105,G
10	3600	200	215T	HD10P1H	\$1,114	DS-3HDW	1.15	19.6	140	90.2	27/25.9	
	3600	230/460	215T	HD10P1E	\$1,114	DS-3HDW	1.15	19.6	140	90.2	23.5/11.8	105,G
	3600	575	215T	HD10P1G	\$1,114	DS-3HDW	1.15	19.6	140	90.2	9.3	
	1800	200	215T	HD10P2H	\$1,142	DS-3HDW	1.15	19.6	170	91.7	29.3/29	
	1800	230/460	215T	HD10P2E	\$1,142	DS-3HDW	1.15	19.6	160	91.7	27.5-25.7/12.8	105,G
	1800	575	215T	HD10P2G	\$1,142	DS-3HDW	1.15	19.6	170	91.7	10.3	
	1200	230/460	256T	HD10P3E	\$1,936	DS-3HDW	1.15	24.9	340	91.0	24.9/12.4	105,G
	1200	575	256T	HD10P3G	\$1,936	DS-3HDW	1.15	24.9	260	91.0	10	
	900	230/460	284T	HD10P4E	\$2,883	DS-3HDW	1.15	27.5	310	89.5	28.3/14.2	02,105,G
15	3600	200	254T	HD15P1H	\$1,568	DS-3HDW	1.15	24.9	250	91.0	40/38	
	3600	230/460	254T	HD15P1E	\$1,568	DS-3HDW	1.15	24.9	250	91.0	35/17.4	105,G
	3600	575	254T	HD15P1G	\$1,568	DS-3HDW	1.15	24.9	260	91.0	13.9	
	1800	200	254T	HD15P2H	\$1,528	DS-3HDW	1.15	24.9	250	92.4	41	02
	1800	230/460	254T	HD15P2E	\$1,528	DS-3HDW	1.15	24.9	250	92.4	40-36/18	02,105,G
	1800	575	254T	HD15P2G	\$1,528	DS-3HDW	1.15	24.9	290	92.4	14.5	02
	1200	230/460	284T	HD15P3E	\$2,558	DS-3HDW	1.15	27.5	310	91.7	37/18.5	105,G
	1200	575	284T	HD15P3G	\$2,558	DS-3HDW	1.15	27.5	310	91.7	14.7	
	900	230/460	286T	HD15P4E	\$3,773	DS-3HDW	1.15	27.5	370	89.5	42/20.9	02,105,G
20	3600	200	256T	HD20P1H	\$1,944	DS-3HDW	1.15	24.9	260	91.0	53/51	
	3600	230/460	256T	HD20P1E	\$1,944	DS-3HDW	1.15	24.9	260	91.0	46/23	02,105,G
	3600	575	256T	HD20P1G	\$1,944	DS-3HDW	1.15	24.9	270	91.0	18.4	
	1800	200	256T	HD20P2H	\$1,901	DS-3HDW	1.15	24.9	280	93.0	55/53	02
	1800	230/460	256T	HD20P2E	\$1,901	DS-3HDW	1.15	24.9	280	93.0	47/23.7	02,105,G
	1800	575	256T	HD20P2G	\$1,901	DS-3HDW	1.15	24.9	290	93.0	18.9	02
	1200	230/460	286T	HD20P3E	\$3,144	DS-3HDW	1.15	27.5	350	91.7	49/24.4	02,105,G
	1200	575	286T	HD20P3G	\$3,144	DS-3HDW	1.15	27.5	350	91.7	19.6	
	900	230/460	324T	HD20P4E	\$4,054	DS-3HDW	1.15	30.1	600	91.0	59-53/26.6	02,105,G
25	3600	200	284TS	HD25P1HS	\$2,311	DS-3HDW	1.15	26.1	325	91.7	66/63	
	3600	230/460	284T	HD25P1E	\$2,311	DS-3HDW	1.15	27.5	310	91.7	58/28.8	105,G
	3600	230/460	284TS	HD25P1ES	\$2,311	DS-3HDW	1.15	26.1	310	91.7	58/28.8	105,G

Note 02 Suitable for Wye-Delta start on voltages shown
Note 105 208 Volt Suitable

Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz, 460V 60 Hz ratings operate on 400V 50 Hz; Full 60 & 50 Hz data on Nameplate



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY® NEMA®† Premium Efficient

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
25	3600	575	284TS	HD25P1GS	\$2,311	DS-3HDW	1.15	26.1	310	91.7	23	
	1800	200	284T	HD25P2H	\$2,236	DS-3HDW	1.15	27.5	335	93.6	67/66	02
	1800	230/460	284T	HD25P2E	\$2,236	DS-3HDW	1.15	27.5	330	93.6	58/29.2	02,105,G
	1800	230/460	284TS	HD25P2ES	\$2,236	DS-3HDW	1.15	26.1	330	93.6	58/29.2	02,105,G
	1800	575	284T	HD25P2G	\$2,236	DS-3HDW	1.15	27.5	330	93.6	23.3	02
	1200	230/460	324T	HD25P3E	\$4,017	DS-3HDW	1.15	30.1	490	93.0	59/29.3	105,G
	1200	575	324T	HD25P3G	\$4,017	DS-3HDW	1.15	30.1	490	93.0	23.4	
	900	230/460	326T	HD25P4E	\$5,269	DS-3HDW	1.15	30.1	625	91.0	74-66/33	02,105,G
30	3600	200	286TS	HD30P1HS	\$2,772	DS-3HDW	1.15	26.1	325	91.7	80/77	02
	3600	230/460	286T	HD30P1E	\$2,772	DS-3HDW	1.15	27.5	310	91.7	69/35	105,G
	3600	230/460	286TS	HD30P1ES	\$2,772	DS-3HDW	1.15	26.1	310	91.7	69/35	105,G
	3600	575	286TS	HD30P1GS	\$2,772	DS-3HDW	1.15	26.1	310	91.7	27.7	
	1800	200	286T	HD30P2H	\$2,655	DS-3HDW	1.15	27.5	345	93.6	82/81	02
	1800	230/460	286T	HD30P2E	\$2,655	DS-3HDW	1.15	27.5	340	93.6	70/35	02,105,G
	1800	230/460	286TS	HD30P2ES	\$2,655	DS-3HDW	1.15	26.1	340	93.6	70/35	02,105,G
	1800	575	286T	HD30P2G	\$2,655	DS-3HDW	1.15	27.5	340	93.6	28.1	02
	1200	230/460	326T	HD30P3E	\$4,569	DS-3HDW	1.15	30.1	520	92.4	70/35	105,G
	1200	575	326T	HD30P3G	\$4,569	DS-3HDW	1.15	30.1	520	93.0	28	
	900	230/460	364T	HD30P4E	\$5,891	DS-3HDW	1.15	32.3	740	91.7	87-81/40	02,105,G
40	3600	200	324TS	HD40P1HS	\$3,268	DS-3HDW	1.15	28.6	410	92.4	107/102	
	3600	230/460	324TS	HD40P1ES	\$3,268	DS-3HDW	1.15	28.6	410	92.4	92/46	105,G
	3600	575	324TS	HD40P1GS	\$3,268	DS-3HDW	1.15	28.6	410	92.4	37	
	1800	200	324T	HD40P2H	\$3,169	DS-3HDW	1.15	30.1	450	94.1	106/104	
	1800	230/460	324T	HD40P2E	\$3,169	DS-3HDW	1.15	30.1	450	94.1	92/46	02,105,G
	1800	230/460	324TS	HD40P2ES	\$3,169	DS-3HDW	1.15	28.6	450	94.1	92/46	02,105,G
	1800	575	324T	HD40P2G	\$3,169	DS-3HDW	1.15	30.1	450	94.1	37	02
	1200	200	364T	HD40P3H	\$5,062	DS-3HDW	1.15	32.3	630	94.1	108/106	02
	1200	230/460	364T	HD40P3E	\$5,062	DS-3HDW	1.15	32.3	630	94.1	94/47	02,105,G
	1200	575	364T	HD40P3G	\$5,062	DS-3HDW	1.15	32.3	630	94.1	37	02
	900	230/460	365T	HD40P4E	\$7,340	DS-3HDW	1.15	32.3	910	92.4	116-105/53	02,105,G
	900	230/460	365T	HD40P4E	\$7,340	DS-3HDW	1.15	32.3	910	92.4	105/53	02,105,G
50	3600	200	326TS	HD50P1HS	\$4,379	DS-3HDW	1.15	28.6	480	93.0	129/123	
	3600	230/460	326TS	HD50P1ES	\$4,379	DS-3HDW	1.15	28.6	480	93.0	112/56	105,G
	3600	575	326TS	HD50P1GS	\$4,379	DS-3HDW	1.15	28.6	480	93.0	45	
	1800	200	326T	HD50P2H	\$3,934	DS-3HDW	1.15	30.1	550	94.5	128/123	02
	1800	230/460	326T	HD50P2E	\$3,934	DS-3HDW	1.15	30.1	550	94.5	112/56	02,105,G
	1800	230/460	326TS	HD50P2ES	\$3,934	DS-3HDW	1.15	28.6	550	94.5	112/56	02,105,G
	1800	575	326T	HD50P2G	\$3,934	DS-3HDW	1.15	30.1	550	94.5	45	02
	1200	200	365T	HD50P3H	\$6,295	DS-3HDW	1.15	32.3	680	94.1	134/130	02
	1200	230/460	365T	HD50P3E	\$6,295	DS-3HDW	1.15	32.3	680	94.1	117/59	02,105,G
	1200	575	365T	HD50P3G	\$6,295	DS-3HDW	1.15	32.3	680	94.1	47	02
	1200	575	365T	HD50P3G	\$6,295	DS-3HDW	1.15	32.3	680	94.1	47	02
60	3600	200	364TS	HD60P1HS	\$5,631	DS-3HDW	1.15	30.2	560	93.6	158/154	02
	3600	230/460	364TS	HD60P1ES	\$5,631	DS-3HDW	1.15	30.2	560	93.6	136/69	02,105,G
	3600	575	364TS	HD60P1GS	\$5,631	DS-3HDW	1.15	30.2	560	93.6	55	02
	1800	200	364T	HD60P2H	\$5,504	DS-3HDW	1.15	32.3	640	95.0	158/153	02
	1800	230/460	364T	HD60P2E	\$5,504	DS-3HDW	1.15	32.3	640	95.0	137/68	02,105,G
	1800	230/460	364TS	HD60P2ES	\$5,504	DS-3HDW	1.15	30.2	640	95.0	137/68	02,105,G
	1800	575	364T	HD60P2G	\$5,504	DS-3HDW	1.15	32.3	640	95.0	55	02
	1200	230/460	404T	HD60P3E	\$7,406	DS-3HDW	1.15	37.6	940	94.5	141/71	02,105,G
	1200	575	404T	HD60P3G	\$7,406	DS-3HDW	1.15	37.6	940	94.5	57	02

Note 02 Suitable for Wye-Delta start on voltages shown
Note 105 208 Volt Suitable

Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz, 460V 60 Hz ratings operate on 400V 50 Hz; Full 60 & 50 Hz data on Nameplate



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY® NEMA® Premium Efficient

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
75	3600	200	365TS	HD75P1HS	\$7,251	DS-3HDW	1.15	30.2	650	93.6	190/184	02
	3600	230/460	365TS	HD75P1ES	\$7,251	DS-3HDW	1.00	30.2	650	94.1	165/83	02,105,G
	3600	575	365TS	HD75P1GS	\$7,251	DS-3HDW	1.15	30.2	650	94.1	66	02
	1800	200	365T	HD75P2H	\$6,720	DS-3HDW	1.15	32.3	700	95.4	196/190	02
	1800	230/460	365T	HD75P2E	\$6,720	DS-3HDW	1.15	32.3	700	95.4	170/85	02,105,G
	1800	230/460	365T	HD75P2EB	\$6,720	DS-3HDW	1.15	32.3	560	95.4	170/85	02,09
	1800	230/460	365TS	HD75P2ES	\$6,720	DS-3HDW	1.15	30.2	700	95.4	170/85	02,105,G
	1800	575	365T	HD75P2G	\$6,720	DS-3HDW	1.15	32.3	700	95.4	68	02
	1200	230/460	405T	HD75P3E	\$8,811	DS-3HDW	1.15	37.6	970	94.5	178/89	02,105,G
	1200	230/460	405T	HD75P3EB	\$8,811	DS-3HDW	1.15	37.6	970	94.5	178/89	105,G
100	1200	575	405T	HD75P3G	\$8,811	DS-3HDW	1.15	37.6	970	94.5	71	02
	3600	230/460	405TS	HD100P1ES	\$9,720	DS-3HDW	1.15	34.6	900	94.1	228/114	02,105,G
	3600	575	405TS	HD100P1GS	\$9,720	DS-3HDW	1.15	34.6	920	94.1	91	02
	1800	200	405T	HD100P2H	\$8,811	DS-3HDW	1.15	37.7	1040	95.4	259/251	02
	1800	200	405TS	HD100P2HS	\$8,811	DS-3HDW	1.15	34.6	1040	95.4	259/251	02
	1800	230/460	405T	HD100P2E	\$8,811	DS-3HDW	1.15	37.7	980	95.4	229/115	02,105,G
	1800	230/460	405T	HD100P2EB	\$8,811	DS-3HDW	1.15	37.7	980	95.4	229/115	02,09,105,G
	1800	230/460	405TS	HD100P2ES	\$8,811	DS-3HDW	1.15	34.6	980	95.4	229/115	02,105,G
	1800	575	405T	HD100P2G	\$8,811	DS-3HDW	1.15	37.6	1010	95.4	91	02
	1200	230/460	444T	HD100P3E	\$11,829	DS-3HDW	1.15	44.4	1450	95.0	240/120	02,105,G
125	1200	230/460	444T	HD100P3EB	\$11,829	DS-3HDW	1.15	44.4	1450	95.0	240/120	02,09,105,G
	1200	575	444T	HD100P3G	\$11,829	DS-3HDW	1.15	44.4	1500	95.0	95	02
	3600	460	444TS	HD125P1FS	\$12,171	DS-3HDW	1.15	40.6	1300	95.0	142	02,G
	3600	575	444TS	HD125P1GS	\$12,171	DS-3HDW	1.15	40.6	1360	95.0	113	02
	1800	460	444T	HD125P2F	\$11,431	DS-3HDW	1.15	44.4	1260	95.8	141	02,G
	1800	460	444T	HD125P2FB	\$11,431	DS-3HDW	1.15	44.4	1260	95.8	141	02,09,G
	1800	460	444TS	HD125P2FS	\$11,431	DS-3HDW	1.15	40.6	1260	95.8	141	02,G
	1800	575	444T	HD125P2G	\$11,431	DS-3HDW	1.15	44.4	1310	95.4	114	02
	1200	460	445T	HD125P3F	\$14,691	DS-3HDW	1.15	44.4	1500	95.0	153	02,G
	1200	460	445T	HD125P3FB	\$14,691	DS-3HDW	1.15	44.4	1500	95.0	153	02,09,G
150	1200	575	445T	HD125P3G	\$14,691	DS-3HDW	1.15	44.4	1550	95.0	125	02
	3600	460	445TS	HD150P1FS	\$15,429	DS-3HDW	1.15	40.6	1410	95.0	167	02,G
	3600	575	445TS	HD150P1GS	\$15,429	DS-3HDW	1.15	40.6	1460	95.0	133	02
	1800	460	445T	HD150P2F	\$13,766	DS-3HDW	1.15	44.4	1480	95.8	171	02,G
	1800	460	445T	HD150P2FB	\$13,766	DS-3HDW	1.15	44.4	1480	95.8	171	02,09,G
	1800	460	445TS	HD150P2FS	\$13,766	DS-3HDW	1.15	40.6	1480	95.8	171	02,G
	1800	575	445T	HD150P2G	\$13,766	DS-3HDW	1.15	44.4	1530	95.8	136	02
	1200	460	447T	HD150P3F	\$16,800	DS-3HDW	1.15	47.9	1760	95.8	179	02,G
	1200	460	447T	HD150P3FB	\$16,800	DS-3HDW	1.15	47.9	1760	95.8	179	02,09,G
	1200	575	447T	HD150P3G	\$16,800	DS-3HDW	1.15	47.9	1810	95.8	143	02
200	1200	575	447T	HD150P3GB	\$17,304	DS-3HDW	1.15	47.9	1810	95.8	143	02,09
	3600	460	447TS	HD200P1FS	\$21,086	DS-3HDW	1.15	44.1	1600	95.4	222	02,G
	3600	575	447TS	HD200P1GS	\$21,719	DS-3HDW	1.15	44.1	1690	95.4	178	02
	1800	460	447T	HD200P2F	\$17,829	DS-3HDW	1.15	47.9	1710	96.2	225	02,G
	1800	460	447T	HD200P2FB	\$17,829	DS-3HDW	1.15	47.9	1710	96.2	225	02,09,G
	1800	460	447TS	HD200P2FS	\$17,829	DS-3HDW	1.15	44.1	1710	96.2	225	02,G
	1800	575	447T	HD200P2G	\$19,320	DS-3HDW	1.15	47.9	1760	96.2	181	02
	1800	575	447TS	HD200P2GS	\$18,364	DS-3HDW	1.15	44.13	1760	95.8	181	02

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 09 Cylindrical Roller Bearing
 Note 105 208 Volt Suitable

Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz, 460V 60 Hz ratings operate on 400V 50 Hz; Full 60 & 50 Hz data on Nameplate



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY® NEMA®† Premium Efficient C-Face

APPLICATIONS:

For pulp & paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries requiring protection within harsh operating conditions.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- Corrosion Resistant Mill & Chemical Duty Paint
- Cast Iron Frame, Cast Iron End Brackets
- Stainless Steel Nameplate & Zinc Plated Hardware
- IP54 Protection
- Dual Voltage 230/460 Volts (1-100 HP)
- 40°C Ambient, NEMA® Design B Performance On 60 Hz Sine Wave Power
- Regreasable Ball Bearings 250 Frame & Up, Lifting Provisions
- Double Shielded Bearings 140-360, Open On 400-440
- Pulley End Clamping Plate
- 1.15 Service Factor @ 60 Hz
- Suitable for 20:1 (3-60hz) Variable Torque On Inverter Power
- Steel Fan Cover & Conduit Box
- Field Convertible To F2 Mounting
- Condensation Drains With Plastic Plugs
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits
- Self-Certified Class I, Division 2, Groups A, B, C, & D
- 208v will not be marked on DOE regulated spread-voltage motors.
Refer to online data

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	143TC	HD1P2EC	\$556	DS-3HDW	1.15	14.0	60	85.5	3/1.5	105,G
	1200	230/460	145TC	HD1P3EC	\$683	DS-3HDW	1.15	14.0	70	82.5	3.7/1.8	105,G
1 1/2	3600	230/460	143TC	HD32P1EC	\$608	DS-3HDW	1.15	14.0	50	84.0	3.9/1.9	105,G
	1800	230/460	145TC	HD32P2EC	\$587	DS-3HDW	1.15	14.0	70	86.5	4.1/2.1	105,G
	1200	230/460	182TC	HD32P3EC	\$792	DS-3HDW	1.15	17.1	90	87.5	4.5/2.2	105,G
2	3600	230/460	145TC	HD2P1EC	\$628	DS-3HDW	1.15	14.0	50	85.5	5/2.5	105,G
	1800	230/460	145TC	HD2P2EC	\$636	DS-3HDW	1.15	14.0	70	86.5	5.3/2.7	105,G
	1200	230/460	184TC	HD2P3EC	\$885	DS-3HDW	1.15	17.1	110	88.5	6.2/3.1	105,G
3	3600	230/460	182TC	HD3P1EC	\$749	DS-3HDW	1.15	17.1	80	86.5	8.2/4.1	105,G
	1800	230/460	182TC	HD3P2EC	\$720	DS-3HDW	1.15	17.1	100	89.5	7.8/3.9	105,G
	1200	230/460	213TC	HD3P3EC	\$1,095	DS-3HDW	1.15	20.4	170	89.5	8.6/4.3	105,G
5	3600	230/460	184TC	HD5P1EC	\$864	DS-3HDW	1.15	17.1	90	88.5	12.3/6.1	105,G
	1800	230/460	184TC	HD5P2EC	\$803	DS-3HDW	1.15	17.1	110	89.5	12.7/6.3	105,G
	1200	230/460	215TC	HD5P3EC	\$1,339	DS-3HDW	1.15	20.4	180	89.5	14.2/7.1	105,G
7 1/2	3600	230/460	213TC	HD7P1EC	\$1,110	DS-3HDW	1.15	20.4	140	89.5	18.1/9	105,G
	1800	230/460	213TC	HD7P2EC	\$1,071	DS-3HDW	1.15	20.4	160	91.7	19.1/9.6	105,G
	1200	230/460	254TC	HD7P3EC	\$1,804	DS-3HDW	1.15	25.4	250	91.0	18.8/9.4	105,G
10	3600	230/460	215TC	HD10P1EC	\$1,269	DS-3HDW	1.15	20.4	160	90.2	23.5/11.8	105,G
	1800	230/460	215TC	HD10P2EC	\$1,297	DS-3HDW	1.15	20.4	180	91.7	25.7/12.8	105,G
	1200	230/460	256TC	HD10P3EC	\$2,111	DS-3HDW	1.15	25.4	270	91.0	24.9/12.4	105,G
15	3600	230/460	254TC	HD15P1EC	\$1,743	DS-3HDW	1.15	25.4	260	91.0	34/17.2	105,G
	1800	230/460	254TC	HD15P2EC	\$1,703	DS-3HDW	1.15	25.4	260	92.4	40-36/18	105,G
	1200	230/460	284TC	HD15P3EC	\$2,858	DS-3HDW	1.15	27.5	330	91.7	37/18.5	02,105,G
20	3600	230/460	256TC	HD20P1EC	\$2,119	DS-3HDW	1.15	25.4	270	91.0	46/23	105,G
	1800	230/460	256TC	HD20P2EC	\$2,076	DS-3HDW	1.15	25.4	290	93.0	47/23.7	02,105,G
	1200	230/460	286TC	HD20P3EC	\$3,444	DS-3HDW	1.15	27.5	370	91.7	49/24.4	105,G
25	3600	230/460	284TSC	HD25P1ESC	\$2,611	DS-3HDW	1.15	26.1	320	91.7	58/28.8	105,G
	1800	230/460	284TC	HD25P2EC	\$2,536	DS-3HDW	1.15	27.5	350	93.6	58/29.2	02,105,G
30	3600	230/460	286TSC	HD30P1ESC	\$3,072	DS-3HDW	1.15	26.1	320	91.7	69/35	105,G
	1800	230/460	286TC	HD30P2EC	\$2,955	DS-3HDW	1.15	27.5	360	93.6	70/35	02,105,G
40	1800	230/460	324TC	HD40P2EC	\$3,569	DS-3HDW	1.15	30.1	470	94.1	92/46	02,105,G
50	1800	230/460	326TC	HD50P2EC	\$4,334	DS-3HDW	1.15	30.1	570	94.5	112/56	02,105,G
60	1800	230/460	364TC	HD60P2EC	\$6,124	DS-3HDW	1.15	32.3	660	95.0	137/68	02,105,G
75	1800	230/460	365TC	HD75P2EC	\$7,340	DS-3HDW	1.15	32.3	720	95.4	170/85	02,105,G
100	1800	230/460	405TC	HD100P2EC	\$9,491	DS-3HDW	1.15	37.7	1000	95.4	229/115	02,105,G

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 105 208 Volt Suitable
 Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz; 460V 60 Hz ratings operate on 400V 50 Hz;
 Full 60 & 50 Hz data on Nameplate



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor CORRO-DUTY® NEMA®† Premium Efficient

APPLICATIONS:

For pulp & paper, mill & chemical and any other severe duty environments found in the process industries.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- All Cast Iron Construction
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Dual Bearing Seals On Pulley End For IP55 Protection
- Dual Voltage 230/460 Volts (1-100 HP)
- Precision Balance (< 0.08 In/Sec Vibration)
- NEMA® Design B Performance On 60 Hz Sine Wave Power
- 1.15 Service Factor @ 60 Hz
- Self-Certified Class I, Division 2, Groups A, B, C, & D
- Suitable for 20:1 (3-60hz) Variable Torque On Inverter Power
- Regreasable Open Bearings
- Lifting Provisions, Epoxy Coated Rotor
- Field Convertible To F2 Mounting
- Brass Breather Condensation Drains
- Oversized Conduit Box - 1 Size Larger Than NEMA®† Standard
- Cast Iron Inner Bearing Caps
- Conversion Kits: C&D Flanges, Canopy Kits
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	143T	CD1P2E	\$553	DS-3CEW	1.15	13.7	70	85.5	3/1.5	105,G
	1800	575	143T	CD1P2G	\$553	DS-3CEW	1.15	13.7	70	85.5	1.2	
	1200	230/460	145T	CD1P3E	\$705	DS-3CEW	1.15	13.7	80	82.5	3.7/1.8	105,G
	1200	575	145T	CD1P3G	\$705	DS-3CEW	1.15	13.7	80	82.5	1.4	
1 1/2	3600	230/460	143T	CD32P1E	\$616	DS-3CEW	1.15	13.7	60	84.0	3.9/1.9	105,G
	3600	575	143T	CD32P1G	\$616	DS-3CEW	1.15	13.7	60	84.0	1.6	
	1800	230/460	145T	CD32P2E	\$591	DS-3CEW	1.15	13.7	80	86.5	4.1/2.1	105,G
	1800	575	145T	CD32P2G	\$591	DS-3CEW	1.15	13.7	80	86.5	1.6	
	1200	230/460	182T	CD32P3E	\$813	DS-3CEW	1.15	16.4	100	87.5	4.5/2.2	105,G
	1200	575	182T	CD32P3G	\$813	DS-3CEW	1.15	16.4	100	87.5	1.8	
2	3600	230/460	145T	CD2P1E	\$640	DS-3CEW	1.15	13.7	60	85.5	5/2.5	105,G
	3600	575	145T	CD2P1G	\$640	DS-3CEW	1.15	13.7	60	86.5	2	
	1800	230/460	145T	CD2P2E	\$649	DS-3CEW	1.15	13.7	80	86.5	5.3/2.7	105,G
	1200	230/460	184T	CD2P3E	\$955	DS-3CEW	1.15	16.4	110	88.5	6.2/3.1	105,G
	1200	575	184T	CD2P3G	\$955	DS-3CEW	1.15	16.4	110	88.5	2.5	
3	3600	230/460	182T	CD3P1E	\$742	DS-3CEW	1.15	16.4	80	86.5	8.2/4.1	105,G
	3600	575	182T	CD3P1G	\$742	DS-3CEW	1.15	16.4	80	86.5	3.3	
	1800	230/460	182T	CD3P2E	\$709	DS-3CEW	1.15	16.4	100	89.5	7.8/3.9	105,G
	1800	575	182T	CD3P2G	\$709	DS-3CEW	1.15	16.4	100	89.5	3.1	
	1200	230/460	213T	CD3P3E	\$1,264	DS-3CEW	1.15	19.7	170	89.5	8.6/4.3	105,G
	1200	575	213T	CD3P3G	\$1,264	DS-3CEW	1.15	19.7	170	90.2	3.5	
5	3600	230/460	184T	CD5P1E	\$881	DS-3CEW	1.15	16.4	100	88.5	12.3/6.1	105,G
	3600	575	184T	CD5P1G	\$881	DS-3CEW	1.15	16.4	100	88.5	4.9	
	1800	230/460	184T	CD5P2E	\$808	DS-3CEW	1.15	16.4	110	89.5	12.7/6.3	105,G
	1800	575	184T	CD5P2G	\$808	DS-3CEW	1.15	16.4	110	89.5	5.1	
	1200	230/460	215T	CD5P3E	\$1,629	DS-3CEW	1.15	19.7	180	89.5	14.2/7.1	105,G
	1200	575	215T	CD5P3G	\$1,629	DS-3CEW	1.15	19.7	180	89.5	5.7	
7 1/2	3600	230/460	213T	CD7P1E	\$1,098	DS-3CEW	1.15	19.7	140	89.5	18.1/9	105,G
	3600	575	213T	CD7P1G	\$1,098	DS-3CEW	1.15	19.7	140	89.5	7.2	
	1800	230/460	213T	CD7P2E	\$1,055	DS-3CEW	1.15	19.7	170	91.7	19.1/9.6	105,G
	1800	575	213T	CD7P2G	\$1,055	DS-3CEW	1.15	19.7	170	91.7	7.8	
	1200	230/460	254T	CD7P3E	\$1,854	DS-3CEW	1.15	25.1	250	91.0	18.8/9.4	105,G
	1200	575	254T	CD7P3G	\$1,854	DS-3CEW	1.15	25.1	250	91.0	7.6	
10	3600	230/460	215T	CD10P1E	\$1,444	DS-3CEW	1.15	19.7	160	90.2	23.5/11.8	105,G
	3600	575	215T	CD10P1G	\$1,444	DS-3CEW	1.15	19.7	160	90.2	9.3	
	1800	230/460	215T	CD10P2E	\$1,314	DS-3CEW	1.15	19.7	180	91.7	25.7/12.8	105,G
	1800	575	215T	CD10P2G	\$1,314	DS-3CEW	1.15	19.7	180	91.7	10.3	
	1200	230/460	256T	CD10P3E	\$2,246	DS-3CEW	1.15	25.1	280	91.0	24.9/12.4	105,G
	1200	575	256T	CD10P3G	\$2,246	DS-3CEW	1.15	25.1	280	91.0	10	
15	3600	230/460	254T	CD15P1E	\$1,804	DS-3CEW	1.15	25.1	270	91.0	35/17.4	105,G
	3600	575	254T	CD15P1G	\$1,804	DS-3CEW	1.15	25.1	270	91.0	13.9	
	1800	230/460	254T	CD15P2E	\$1,757	DS-3CEW	1.15	25.1	270	92.4	40-36/18	105,G
	1800	575	254T	CD15P2G	\$1,757	DS-3CEW	1.15	25.1	270	92.4	14.5	02
	1200	230/460	284T	CD15P3E	\$2,984	DS-3CEW	1.15	27.7	340	91.7	37/18.5	105,G
	1200	575	284T	CD15P3G	\$2,984	DS-3CEW	1.15	27.7	340	91.7	14.7	



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor CORRO-DUTY® NEMA[®] Premium Efficient

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
20	3600	230/460	256T	CD20P1E	\$2,236	DS-3CEW	1.15	25.1	270	91.0	46/23	105,G
	3600	575	256T	CD20P1G	\$2,236	DS-3CEW	1.15	25.1	280	91.0	18.4	
	1800	230/460	256T	CD20P2E	\$2,186	DS-3CEW	1.15	25.1	300	93.0	47/23.7	105,G
	1800	575	256T	CD20P2G	\$2,186	DS-3CEW	1.15	25.1	300	93.0	18.9	02
	1200	230/460	286T	CD20P3E	\$3,537	DS-3CEW	1.15	27.7	370	91.7	49/24.4	105,G
	1200	575	286T	CD20P3G	\$3,537	DS-3CEW	1.15	27.7	370	91.7	19.6	
25	3600	230/460	284TS	CD25P1ES	\$2,542	DS-3CEW	1.15	26.3	350	91.7	58/28.8	105,G
	3600	460	284TS	CD25P1FS	\$2,542	DS-3CEW	1.15	26.3	330	91.7	28.8	G
	3600	575	284TS	CD25P1GS	\$2,542	DS-3CEW	1.15	26.3	330	91.7	23	
	1800	230/460	284T	CD25P2E	\$2,459	DS-3CEW	1.15	27.7	360	93.6	58/29.2	105,G
	1800	460	284T	CD25P2F	\$2,459	DS-3CEW	1.15	27.7	360	93.6	29.2	G
	1800	575	284T	CD25P2G	\$2,459	DS-3CEW	1.15	27.7	360	93.6	23.3	02
	1200	230/460	324T	CD25P3E	\$4,418	DS-3CEW	1.15	30.1	540	93.0	59/29.3	105,G
	1200	460	324T	CD25P3F	\$4,418	DS-3CEW	1.15	30.3	540	93.0	29.3	G
	1200	575	324T	CD25P3G	\$4,418	DS-3CEW	1.15	30.3	540	93.0	23.4	
30	3600	230/460	286TS	CD30P1ES	\$3,050	DS-3CEW	1.15	26.3	325	91.7	69/35	105,G
	3600	460	286TS	CD30P1FS	\$3,050	DS-3CEW	1.15	26.3	330	91.7	35	G
	3600	575	286TS	CD30P1GS	\$3,050	DS-3CEW	1.15	26.3	330	91.7	27.7	
	1800	230/460	286T	CD30P2E	\$2,920	DS-3CEW	1.15	27.7	370	93.6	70/35	105,G
	1800	460	286T	CD30P2F	\$2,920	DS-3CEW	1.15	27.7	370	93.6	35	G
	1800	575	286T	CD30P2G	\$2,920	DS-3CEW	1.15	27.7	370	93.6	28.1	02
	1200	230/460	326T	CD30P3E	\$5,025	DS-3CEW	1.15	30.1	565	93.0	70/35	105,G
	1200	460	326T	CD30P3F	\$5,025	DS-3CEW	1.15	30.3	560	92.4	35	G
	1200	575	326T	CD30P3G	\$5,025	DS-3CEW	1.15	30.3	560	93.0	28	
40	3600	230/460	324TS	CD40P1ES	\$3,595	DS-3CEW	1.15	28.8	485	92.4	92/46	105,G
	3600	460	324TS	CD40P1FS	\$3,595	DS-3CEW	1.15	28.8	460	92.4	46	G
	3600	575	324TS	CD40P1GS	\$3,595	DS-3CEW	1.15	28.8	460	92.4	37	
	1800	230/460	324T	CD40P2E	\$3,486	DS-3CEW	1.15	30.3	505	94.1	92/46	105,G
	1800	460	324T	CD40P2F	\$3,486	DS-3CEW	1.15	30.3	490	94.1	46	G
	1800	575	324T	CD40P2G	\$3,486	DS-3CEW	1.15	30.3	490	94.1	37	02
	1200	230/460	364T	CD40P3E	\$5,568	DS-3CEW	1.15	32.4	690	94.1	94/47	105,G
	1200	460	364T	CD40P3F	\$5,568	DS-3CEW	1.15	32.4	690	94.1	47	G
	1200	575	364T	CD40P3G	\$5,568	DS-3CEW	1.15	32.4	690	94.1	37	02
50	3600	230/460	326TS	CD50P1ES	\$4,817	DS-3CEW	1.15	28.8	545	93.0	112/56	105,G
	3600	460	326TS	CD50P1FS	\$4,817	DS-3CEW	1.15	28.8	520	93.0	56	G
	3600	575	326TS	CD50P1GS	\$4,817	DS-3CEW	1.15	28.8	520	93.0	45	
	1800	230/460	326T	CD50P2E	\$4,327	DS-3CEW	1.15	30.3	590	94.5	112/56	105,G
	1800	460	326T	CD50P2F	\$4,327	DS-3CEW	1.15	30.3	600	94.5	56	G
	1800	575	326T	CD50P2G	\$4,327	DS-3CEW	1.15	30.3	600	94.5	45	02
	1200	230/460	365T	CD50P3E	\$6,925	DS-3CEW	1.15	32.4	730	94.1	117/59	105,G
	1200	460	365T	CD50P3F	\$6,925	DS-3CEW	1.15	32.4	730	94.1	59	G
	1200	575	365T	CD50P3G	\$6,925	DS-3CEW	1.15	32.4	730	94.1	47	02
60	3600	460	364TS	CD60P1FS	\$6,194	DS-3CEW	1.15	30.3	620	93.6	69	G
	3600	575	364TS	CD60P1GS	\$6,194	DS-3CEW	1.15	30.3	620	93.6	55	02
	1800	230/460	364T	CD60P2E	\$6,044	DS-3CEW	1.15	32.4	700	95.0	137/68	105,G
	1800	460	364T	CD60P2F	\$6,044	DS-3CEW	1.15	32.4	700	95.0	68	G
	1800	575	364T	CD60P2G	\$6,044	DS-3CEW	1.15	32.4	700	95.0	55	02
	1200	460	404T	CD60P3F	\$8,147	DS-3CEW	1.15	37.8	1020	94.5	71	G
	1200	575	404T	CD60P3G	\$8,147	DS-3CEW	1.15	37.8	1020	94.5	57	02
75	3600	460	365TS	CD75P1FS	\$7,976	DS-3CEW	1.00	30.3	710	94.1	83	G
	3600	575	365TS	CD75P1GS	\$7,976	DS-3CEW	1.15	30.3	710	94.1	66	02
	1800	230/460	365T	CD75P2E	\$7,392	DS-3CEW	1.15	32.4	750	95.4	170/85	105,G
	1800	460	365T	CD75P2F	\$7,392	DS-3CEW	1.15	32.4	750	95.4	85	G
	1800	575	365T	CD75P2G	\$7,392	DS-3CEW	1.15	32.4	750	95.4	68	02
	1200	460	405T	CD75P3F	\$9,692	DS-3CEW	1.15	37.8	1040	94.5	89	G
	1200	460	405T	CD75P3FB	\$9,692	DS-3CEW	1.15	37.8	1040	94.5	89	09,G
	1200	575	405T	CD75P3G	\$9,692	DS-3CEW	1.15	37.8	1040	94.5	71	02

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor CORRO-DUTY® NEMA®† Premium Efficient

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
100	3600	460	405TS	CD100P1FS	\$10,692	DS-3CEW	1.15	34.8	970	94.1	114	G
	3600	575	405TS	CD100P1GS	\$10,692	DS-3CEW	1.15	34.8	970	94.1	91	02
	1800	460	405T	CD100P2F	\$9,692	DS-3CEW	1.15	37.8	1060	95.4	115	G
	1800	460	405T	CD100P2FB	\$9,692	DS-3CEW	1.15	37.8	1060	95.4	115	09,G
	1800	460	405TS	CD100P2FS	\$9,692	DS-3CEW	1.15	34.8	1060	95.4	115	G
	1800	575	405T	CD100P2G	\$9,692	DS-3CEW	1.15	37.8	1060	95.4	91	02
	1200	460	444T	CD100P3F	\$12,657	DS-3CEW	1.15	44.5	1570	95.0	120	G
	1200	575	444T	CD100P3G	\$12,657	DS-3CEW	1.15	44.5	1570	95.0	95	02
125	3600	460	444TS	CD125P1FS	\$13,023	DS-3CEW	1.15	40.8	1430	95.0	142	G
	3600	575	444TS	CD125P1GS	\$13,023	DS-3CEW	1.15	40.8	1430	95.0	113	02
	1800	460	444T	CD125P2F	\$12,231	DS-3CEW	1.15	44.5	1390	95.8	141	G
	1800	460	444TS	CD125P2FS	\$12,231	DS-3CEW	1.15	40.8	1390	95.8	141	G
	1800	575	444T	CD125P2G	\$12,231	DS-3CEW	1.15	44.5	1390	95.4	114	02
	1200	460	445T	CD125P3F	\$15,719	DS-3CEW	1.15	44.5	1620	95.0	153	G
	1200	575	445T	CD125P3G	\$15,719	DS-3CEW	1.15	44.5	1620	95.0	125	02
150	3600	460	445TS	CD150P1FS	\$16,509	DS-3CEW	1.15	40.8	1530	95.0	167	G
	3600	575	445TS	CD150P1GS	\$16,509	DS-3CEW	1.15	40.8	1530	95.0	133	02
	1800	460	445T	CD150P2F	\$14,730	DS-3CEW	1.15	44.5	1610	95.8	171	G
	1800	460	445T	CD150P2FB	\$14,730	DS-3CEW	1.15	44.5	1610	95.8	171	09,G
	1800	460	445TS	CD150P2FS	\$14,730	DS-3CEW	1.15	40.8	1610	95.8	171	G
	1800	575	445T	CD150P2G	\$14,730	DS-3CEW	1.15	44.5	1610	95.8	136	02
	1200	460	447T	CD150P3F	\$17,976	DS-3CEW	1.15	48.0	1890	95.8	179	G
	1200	575	447T	CD150P3G	\$17,976	DS-3CEW	1.15	48.0	1890	95.8	143	02
200	3600	460	447TS	CD200P1FS	\$22,562	DS-3CEW	1.15	44.3	1750	95.4	221	G
	3600	575	447TS	CD200P1GS	\$22,562	DS-3CEW	1.15	44.3	1790	95.4	177	02
	1800	460	447T	CD200P2F	\$19,077	DS-3CEW	1.15	48.0	1860	96.2	225	G
	1800	460	447T	CD200P2FB	\$19,077	DS-3CEW	1.15	48.0	1860	96.2	225	09,G
	1800	460	447TS	CD200P2FS	\$19,077	DS-3CEW	1.15	44.3	1860	96.2	225	G
	1800	575	447T	CD200P2G	\$19,077	DS-3CEW	1.15	48.0	1860	96.2	180	02
	1200	460	449T	CD200P3F	\$23,753	DS-3CEW	1.15	53.0	2500	95.8	224	G
	1200	575	449T	CD200P3G	\$23,753	DS-3CEW	1.15	53.0	2500	95.8	192	02
250	3600	460	449TS	CD250P1FS	\$27,617	DS-3CEW	1.15	49.3	2500	95.8	273	G
	1800	460	449T	CD250P2F	\$24,532	DS-3CEW	1.15	53.0	2500	96.2	273	G
	1800	460	449T	CD250P2FB	\$24,532	DS-3CEW	1.15	53.0	2500	96.2	273	09,G
	1800	575	449T	CD250P2G	\$24,532	DS-3CEW	1.15	53.0	2500	96.2	224	02
	1200	460	449T	C250P3C	\$36,281	DS-3CE	1.15	55.1	2800	95.8	280	AP,NWM
	1200	575	449T	C250P3G	\$36,281	DS-3CE	1.15	55.1	2400	95.8	225	AP,NWM
300	3600	460	449TS	CD300P1FS	\$33,017	DS-3CEW	1.15	49.3	2500	95.8	327	G
	3600	460	449TS	C300P1CS	\$33,822	DS-3CE	1.15	51.4	2750	95.8	327	12,AP,NWM
	3600	575	449TS	CD300P1GS	\$33,017	DS-3CEW	1.15	49.3	2500	95.8	266	02
	1800	460	449T	CD300P2F	\$28,342	DS-3CEW	1.15	53.0	2500	96.2	326	G
	1800	460	449T	CD300P2FB	\$28,342	DS-3CEW	1.15	53.0	2500	96.2	326	09,G
	1800	575	449T	CD300P2G	\$28,342	DS-3CEW	1.15	53.0	2500	96.2	268	02
	1200	460	449T	C300P3C	\$39,704	DS-3CE	1.15	55.1	2800	95.8	334	AP,NWM
	1200	575	449T	C300P3G	\$39,704	DS-3CE	1.15	55.1	2400	95.8	269	AP,NWM
350	3600	460	449TS	C350P1CS	\$40,405	DS-3CE	1.15	51.4	2800	95.8	374	AP,NWM
	3600	575	449TS	C350P1GS	\$40,405	DS-3CE	1.15	51.4	2800	95.8	299	12,AP,NWM
	1800	460	449T	CD350P2F	\$30,899	DS-3CEW	1.15	53.0	2400	96.2	400	02
	1800	460	449T	CD350P2FB	\$30,899	DS-3CEW	1.15	53.0	2400	96.2	400	09,G
	1800	575	449T	CD350P2G	\$30,899	DS-3CEW	1.15	53.0	2400	96.2	318	02
400	3600	460	449TS	C400P1CS	\$50,419	DS-3CE	1.15	51.4	2900	95.8	426	AP,NWM
	1800	460	449T	C400P2C	\$43,843	DS-3CE	1.15	55.1	2400	96.2	434	AP,NWM

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 09 Cylindrical Roller Bearing
 Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
 Note 105 208 Volt Suitable
 Note AP No F2 convertibility

Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz, 460V 60 Hz ratings operate on 400V 50 Hz; Full 60 & 50 Hz data on Nameplate
 Note NWM Non-World Motor Construction



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor CORRO-DUTY® NEMA®† Premium Efficient C-Face

APPLICATIONS:

For pulp & paper, mill & chemical and any other severe duty environments found in the process industries.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- All Cast Iron Construction
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- IP55 Protection
- Precision Balance (< 0.08 In/Sec Vibration)
- 40°C Ambient, NEMA®† Design B Performance On 60 Hertz Sine Wave Power
- Regreasable Bearings, Lifting Provisions
- Double Shielded Bearings 140-210
- Oversized Conduit Box - 1 Size Larger Than NEMA®† Standard
- Cast Iron Inner Bearing Caps
- Field Convertible To F2 Mounting
- Condensation Drains With Threaded Brass Breather Plugs
- Self-Certified Class I, Division 2, Groups A, B, C, & D
- Suitable for 20:1 (3-60hz) Variable Torque; 4:1 (15-60hz) Constant Torque On Inverter Power
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1 1/2	3600	230/460	143TC	CD32P1EC	\$711	DS-3CEW	1.15	14.2	60	84.0	3.9/1.9	105,G
	1800	230/460	145TC	CD32P2EC	\$686	DS-3CEW	1.15	14.2	80	86.5	4.1/2.1	105,G
2	3600	230/460	145TC	CD2P1EC	\$735	DS-3CEW	1.15	14.2	60	85.5	5/2.5	105,G
	1800	230/460	145TC	CD2P2EC	\$744	DS-3CEW	1.15	14.2	80	86.5	5.3/2.7	105,G
3	3600	230/460	182TC	CD3P1EC	\$872	DS-3CEW	1.15	17.2	90	86.5	8.2/4.1	105,G
	1800	230/460	182TC	CD3P2EC	\$839	DS-3CEW	1.15	17.2	110	89.5	7.8/3.9	105,G
5	3600	230/460	184TC	CD5P1EC	\$1,011	DS-3CEW	1.15	17.2	110	88.5	12.3/6.1	105,G
	1800	230/460	184TC	CD5P2EC	\$938	DS-3CEW	1.15	17.2	120	89.5	12.7/6.3	105,G
7 1/2	3600	230/460	213TC	CD7P1EC	\$1,228	DS-3CEW	1.15	20.4	160	89.5	18.1/9	105,G
	1800	230/460	213TC	CD7P2EC	\$1,185	DS-3CEW	1.15	20.4	180	91.7	19.1/9.6	105,G
10	3600	230/460	215TC	CD10P1EC	\$1,411	DS-3CEW	1.15	20.4	170	90.2	23.5/11.8	105,G
	1800	230/460	215TC	CD10P2EC	\$1,444	DS-3CEW	1.15	20.4	200	91.7	25.7/12.8	105,G

Note 105 208 Volt Suitable

Note G 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 200/400 volt 50 Hz, 460V 60 Hz ratings operate on 400V 50 Hz; Full 60 & 50 Hz data on Nameplate

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor 841 Plus® NEMA®† Premium Efficient

APPLICATIONS:

For constant speed and inverter duty applications in petro-chemical, pulp & paper, automotive, mining and waste treatment industries.

FEATURES:

- Inverter Grade® Insulation System (Meets NEMA® MG-1 Part 31)
- Class F Insulation, Class B Rise At Full Load (Sine Wave Power)
- All Cast Iron Construction
- Corrosion Resistant Mill & Chem Duty Paint (500 Hour Salt Spray Test)
- Stainless Steel Nameplate & Zinc Plated Hardware
- 40°C Ambient, NEMA® Design B Performance (Sine Wave Power)
- VBXX® Bearing Isolators By Inpro/Seal® On Both Ends For IP56 Bearing Protection
- Same Size Regreaseable Open Bearings, Stainless Steel Breathers/Drains
- 5 Year Warranty (3 Years on Inverter Power)
- External Grounding Provision, Epoxy Coated Rotor
- 20:1 (3-60hz) Variable Torque; 5:1 (12-60hz) Constant Torque On Inverter Power
- Precision Balance (< 0.05 In/Sec Vibration)
- 1.15 SF On Sine Wave / 1.0 SF On Inverter Power
- Meets or Exceeds IEEE Std 841™-2021
- Conversion Kits: C&D Flange, Drip Cover Kit, Shaft Grounding Ring (Non-hazardous Locations only)
- Self-Certified Class I, Division 2, Groups A, B, C, & D

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1	1800	460	143T	8D1P2C	\$663	DS-841W	1.15	13.7	70	85.5	1.5	
	1800	575	143T	8D1P2G	\$663	DS-841W	1.15	13.7	70	86.5	1.2	
	1200	460	145T	8D1P3C	\$846	DS-841W	1.15	13.7	80	82.5	1.8	
	1200	575	145T	8D1P3G	\$846	DS-841W	1.15	13.7	80	82.5	1.4	
1 1/2	3600	460	143T	8D32P1C	\$739	DS-841W	1.15	13.7	65	84.0	1.9	
	3600	575	143T	8D32P1G	\$739	DS-841W	1.15	13.7	65	84.0	1.6	
	1800	460	145T	8D32P2C	\$709	DS-841W	1.15	13.7	80	86.5	2.1	
	1800	575	145T	8D32P2G	\$709	DS-841W	1.15	13.7	80	87.5	1.6	
	1200	460	182T	8D32P3C	\$935	DS-841W	1.15	16.4	100	87.5	2.2	
	1200	575	182T	8D32P3G	\$935	DS-841W	1.15	16.4	100	87.5	1.8	
2	3600	460	145T	8D2P1C	\$767	DS-841W	1.15	13.7	70	85.5	2.5	
	3600	575	145T	8D2P1G	\$767	DS-841W	1.15	13.7	70	86.5	2	
	1800	460	145T	8D2P2C	\$779	DS-841W	1.15	13.7	80	86.5	2.7	
	1800	575	145T	8D2P2G	\$779	DS-841W	1.15	13.7	80	87.5	2.1	
	1200	460	184T	8D2P3C	\$1,098	DS-841W	1.15	16.4	110	88.5	3.1	
	1200	575	184T	8D2P3G	\$1,098	DS-841W	1.15	16.4	110	88.5	2.5	
3	3600	460	182T	8D3P1C	\$854	DS-841W	1.15	16.4	80	86.5	4.1	
	3600	575	182T	8D3P1G	\$854	DS-841W	1.15	16.4	80	86.5	3.3	
	1800	460	182T	8D3P2C	\$815	DS-841W	1.15	16.4	100	89.5	3.9	
	1800	575	182T	8D3P2G	\$815	DS-841W	1.15	16.4	100	89.5	3.1	
	1200	460	213T	8D3P3C	\$1,453	DS-841W	1.15	19.7	170	89.5	4.3	
	1200	575	213T	8D3P3G	\$1,453	DS-841W	1.15	19.7	170	89.5	3.5	
5	3600	460	184T	8D5P1C	\$1,013	DS-841W	1.15	16.4	100	88.5	6.1	
	3600	575	184T	8D5P1G	\$1,013	DS-841W	1.15	16.4	100	88.5	4.9	
	1800	460	184T	8D5P2C	\$929	DS-841W	1.15	16.4	110	89.5	6.3	
	1800	575	184T	8D5P2G	\$929	DS-841W	1.15	16.4	110	89.5	5.1	
	1200	460	215T	8D5P3C	\$1,874	DS-841W	1.15	19.7	180	89.5	7.1	
	1200	575	215T	8D5P3G	\$1,874	DS-841W	1.15	19.7	180	89.5	5.7	
7 1/2	3600	460	213T	8D7P1C	\$1,263	DS-841W	1.15	19.7	140	89.5	9	
	3600	575	213T	8D7P1G	\$1,263	DS-841W	1.15	19.7	140	89.5	7.2	
	1800	460	213T	8D7P2C	\$1,213	DS-841W	1.15	19.7	170	91.7	9.6	
	1800	575	213T	8D7P2G	\$1,213	DS-841W	1.15	19.7	170	91.7	7.8	
	1200	460	254T	8D7P3C	\$2,039	DS-841W	1.15	25.1	250	91.0	9.4	
	1200	575	254T	8D7P3G	\$2,039	DS-841W	1.15	25.1	250	91.0	7.6	

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor 841 Plus® NEMA®† Premium Efficient

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
10	3600	460	215T	8D10P1C	\$1,473	DS-841W	1.15	19.7	160	90.2	11.8	
	3600	575	215T	8D10P1G	\$1,473	DS-841W	1.15	19.7	160	90.2	9.4	
	1800	460	215T	8D10P2C	\$1,511	DS-841W	1.15	19.7	180	91.7	12.8	
	1800	575	215T	8D10P2G	\$1,511	DS-841W	1.15	19.7	180	91.7	10.3	
	1200	460	256T	8D10P3C	\$2,470	DS-841W	1.15	25.0	280	91.0	12.4	
	1200	575	256T	8D10P3G	\$2,470	DS-841W	1.15	25.0	280	91.0	10	
15	3600	460	254T	8D15P1C	\$1,984	DS-841W	1.15	25.1	270	91.0	17.4	
	3600	575	254T	8D15P1G	\$1,984	DS-841W	1.15	25.1	270	91.0	13.9	
	1800	460	254T	8D15P2C	\$1,932	DS-841W	1.15	25.1	270	92.4	18	
	1800	575	254T	8D15P2G	\$1,932	DS-841W	1.15	25.1	270	92.4	14.5	
	1200	460	284T	8D15P3C	\$3,283	DS-841W	1.15	27.7	340	91.7	18.5	
	1200	575	284T	8D15P3G	\$3,283	DS-841W	1.15	27.7	340	91.7	14.7	
20	3600	460	256T	8D20P1C	\$2,459	DS-841W	1.15	25.1	280	91.0	23	
	3600	575	256T	8D20P1G	\$2,459	DS-841W	1.15	25.1	280	91.0	18.4	
	1800	460	256T	8D20P2C	\$2,405	DS-841W	1.15	25.1	300	93.0	23.7	
	1800	575	256T	8D20P2G	\$2,405	DS-841W	1.15	25.1	300	93.0	18.9	
	1200	460	286T	8D20P3C	\$3,891	DS-841W	1.15	27.7	370	91.7	24.4	
	1200	575	286T	8D20P3G	\$3,891	DS-841W	1.15	27.7	370	91.7	19.6	
25	3600	460	284TS	8D25P1CS	\$2,796	DS-841W	1.15	26.3	330	91.7	28.8	
	3600	575	284TS	8D25P1GS	\$2,796	DS-841W	1.15	26.3	330	91.7	23	
	1800	460	284T	8D25P2C	\$2,705	DS-841W	1.15	27.7	360	93.6	29.2	
	1800	575	284T	8D25P2G	\$2,705	DS-841W	1.15	27.7	360	93.6	23.3	
	1200	460	324T	8D25P3C	\$4,597	DS-841W	1.15	30.3	540	93.0	29.3	
	1200	575	324T	8D25P3G	\$4,597	DS-841W	1.15	30.3	540	93.0	23.4	
30	3600	460	286TS	8D30P1CS	\$3,355	DS-841W	1.15	26.0	330	91.7	35	
	3600	575	286TS	8D30P1GS	\$3,355	DS-841W	1.15	26.0	330	91.7	27.7	
	1800	460	286T	8D30P2C	\$3,212	DS-841W	1.15	28.0	370	93.6	35	
	1800	575	286T	8D30P2G	\$3,212	DS-841W	1.15	28.0	370	93.6	28.1	
	1200	460	326T	8D30P3C	\$5,139	DS-841W	1.15	30.3	560	93.0	35	
	1200	575	326T	8D30P3G	\$5,139	DS-841W	1.15	30.3	560	93.0	28	
40	3600	460	324TS	8D40P1CS	\$4,815	DS-841W	1.15	28.8	460	92.4	46	
	3600	575	324TS	8D40P1GS	\$4,815	DS-841W	1.15	28.8	460	92.4	37	
	1800	460	324T	8D40P2C	\$4,009	DS-841W	1.15	30.3	490	94.1	46	
	1800	575	324T	8D40P2G	\$4,009	DS-841W	1.15	30.3	490	94.1	37	
	1200	460	364T	8D40P3C	\$6,403	DS-841W	1.15	32.4	690	94.1	47	
	1200	575	364T	8D40P3G	\$6,403	DS-841W	1.15	32.4	690	94.1	37	
50	3600	460	326TS	8D50P1CS	\$5,540	DS-841W	1.15	28.8	520	93.0	56	
	3600	575	326TS	8D50P1GS	\$5,540	DS-841W	1.15	28.8	520	93.0	45	
	1800	460	326T	8D50P2C	\$4,976	DS-841W	1.15	30.3	600	94.5	56	
	1800	575	326T	8D50P2G	\$4,976	DS-841W	1.15	30.3	600	94.5	45	
	1200	460	365T	8D50P3C	\$7,964	DS-841W	1.15	32.4	730	94.1	59	
	1200	575	365T	8D50P3G	\$7,964	DS-841W	1.15	32.4	730	94.1	47	
60	3600	460	364TS	8D60P1CS	\$7,123	DS-841W	1.15	30.3	620	93.6	69	
	3600	575	364TS	8D60P1GS	\$7,123	DS-841W	1.15	30.3	620	93.6	55	
	1800	460	364T	8D60P2C	\$6,876	DS-841W	1.15	32.4	700	95.0	68	
	1800	575	364T	8D60P2G	\$6,876	DS-841W	1.15	32.4	700	95.0	55	
	1200	460	404T	8D60P3C	\$9,369	DS-841W	1.15	37.8	1020	94.5	71	
	1200	575	404T	8D60P3G	\$9,369	DS-841W	1.15	37.8	1020	94.5	57	

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor 841 Plus® NEMA®† Premium Efficient

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
75	3600	460	365TS	8D75P1CS	\$9,172	DS-841W	1.15	30.3	710	94.1	83	
	3600	575	365TS	8D75P1GS	\$9,172	DS-841W	1.15	30.3	710	93.6	66	
	1800	460	365T	8D75P2C	\$8,501	DS-841W	1.15	32.4	750	95.4	85	
	1800	460	365T	8D75P2CB	\$9,416	DS-841W	1.15	32.4	750	95.4	85	
	1800	575	365T	8D75P2G	\$8,501	DS-841W	1.15	32.4	750	95.4	68	
	1200	460	405T	8D75P3C	\$11,146	DS-841W	1.15	37.8	1040	94.5	89	
	1200	460	405T	8D75P3CB	\$11,146	DS-841W	1.15	37.8	1040	94.5	89	09
	1200	575	405T	8D75P3G	\$11,146	DS-841W	1.15	37.8	1040	94.5	71	
	1200	575	405T	8D75P3GB	\$11,146	DS-841W	1.15	37.8	1040	94.5	71	09
100	3600	460	405TS	8D100P1CS	\$12,296	DS-841W	1.15	34.8	970	94.1	114	
	3600	575	405TS	8D100P1GS	\$12,296	DS-841W	1.15	34.8	970	94.1	91	
	1800	460	405T	8D100P2C	\$11,146	DS-841W	1.15	37.8	1060	95.4	115	
	1800	460	405T	8D100P2CB	\$11,146	DS-841W	1.15	37.8	1060	95.4	115	09
	1800	460	405TS	8D100P2CS	\$11,146	DS-841W	1.15	34.8	1060	95.4	115	
	1800	575	405T	8D100P2G	\$11,146	DS-841W	1.15	37.8	1060	95.4	91	
	1800	575	405T	8D100P2GB	\$11,146	DS-841W	1.15	37.8	1060	95.4	91	09
	1800	575	405TS	8D100P2GS	\$11,146	DS-841W	1.15	34.8	1060	95.4	91	
	1200	460	444T	8D100P3C	\$13,923	DS-841W	1.15	44.5	1570	95.0	120	11
	1200	460	444T	8D100P3CB	\$13,923	DS-841W	1.15	44.5	1570	95.0	120	09
	1200	575	444T	8D100P3G	\$13,923	DS-841W	1.15	44.5	1570	95.0	95	11
	1200	575	444T	8D100P3GB	\$13,923	DS-841W	1.15	44.5	1570	95.0	95	09
125	3600	460	444TS	8D125P1CS	\$14,325	DS-841W	1.15	40.8	1430	95.0	142	
	3600	575	444TS	8D125P1GS	\$14,325	DS-841W	1.15	40.8	1430	95.0	113	
	1800	460	444T	8D125P2C	\$13,454	DS-841W	1.15	44.5	1390	95.4	141	11
	1800	460	444T	8D125P2CB	\$13,454	DS-841W	1.15	44.5	1390	95.4	141	09
	1800	460	444TS	8D125P2CS	\$13,454	DS-841W	1.15	40.8	1390	95.4	141	
	1800	575	444T	8D125P2G	\$13,454	DS-841W	1.15	44.5	1390	95.4	114	11
	1800	575	444T	8D125P2GB	\$13,454	DS-841W	1.15	44.5	1390	95.4	114	09
	1800	575	444TS	8D125P2GS	\$13,454	DS-841W	1.15	40.8	1390	95.4	114	
	1200	460	445T	8D125P3C	\$17,291	DS-841W	1.15	44.5	1620	95.0	153	11
	1200	460	445T	8D125P3CB	\$17,291	DS-841W	1.15	44.5	1620	95.0	153	09
	1200	575	445T	8D125P3G	\$17,291	DS-841W	1.15	44.5	1620	95.0	125	11
	1200	575	445T	8D125P3GB	\$17,291	DS-841W	1.15	44.5	1620	95.0	125	09
150	3600	460	445TS	8D150P1CS	\$18,160	DS-841W	1.15	40.8	1530	95.0	167	
	3600	575	445TS	8D150P1GS	\$18,160	DS-841W	1.15	40.8	1530	95.0	133	
	1800	460	445T	8D150P2C	\$16,203	DS-841W	1.15	44.5	1610	95.8	171	11
	1800	460	445T	8D150P2CB	\$16,203	DS-841W	1.15	44.5	1610	95.8	171	09
	1800	460	445TS	8D150P2CS	\$16,203	DS-841W	1.15	40.8	1610	95.8	171	
	1800	575	445T	8D150P2G	\$16,203	DS-841W	1.15	44.5	1610	95.8	137	11
	1800	575	445T	8D150P2GB	\$16,203	DS-841W	1.15	44.5	1610	95.8	137	09
	1200	460	447T	8D150P3C	\$19,774	DS-841W	1.15	48.0	1890	95.8	179	
	1200	460	447T	8D150P3CB	\$19,774	DS-841W	1.15	48.0	1890	95.8	179	09
	1200	575	447T	8D150P3G	\$19,774	DS-841W	1.15	48.0	1830	95.8	143	11
	1200	575	447T	8D150P3GB	\$19,774	DS-841W	1.15	48.0	1830	95.8	143	09
	1200	575	447T	8D150P3GB	\$19,774	DS-841W	1.15	48.0	1830	95.8	143	09
200	3600	460	447TS	8D200P1CS	\$24,818	DS-841W	1.15	44.3	1730	95.4	222	
	3600	575	447TS	8D200P1GS	\$24,818	DS-841W	1.15	44.3	1760	95.4	178	
	1800	460	447T	8D200P2C	\$20,985	DS-841W	1.15	48.0	1840	96.2	226	
	1800	460	447T	8D200P2CB	\$20,985	DS-841W	1.15	48.0	1840	96.2	226	09
	1800	460	447TS	8D200P2CS	\$20,985	DS-841W	1.15	48.0	1840	96.2	226	
	1800	575	447T	8D200P2G	\$20,985	DS-841W	1.15	48.0	1840	96.2	181	
	1800	575	447T	8D200P2GB	\$20,985	DS-841W	1.15	48.0	1840	96.2	181	09
	1200	460	449T	8D200P3C	\$26,128	DS-841W	1.15	53.0	2130	95.8	239	
	1200	460	449T	8D200P3CB	\$26,128	DS-841W	1.15	53.0	2130	95.8	239	09

Note 09 Cylindrical Roller Bearing
Note 11 6318/6313 Bearing System



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor 841 Plus® NEMA®† Premium Efficient

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
250	3600	460	449TS	8D250P1CS	\$30,379	DS-841W	1.15	49.3	2500	95.4	273	
	1800	460	449T	8D250P2C	\$26,985	DS-841W	1.15	53.0	2500	96.2	273	
	1800	460	449T	8D250P2CB	\$26,985	DS-841W	1.15	53.0	2500	96.2	273	09
	1800	575	449T	8D250P2G	\$26,985	DS-841W	1.15	53.0	2500	96.2	224	
300	3600	460	449TS	8P300P1CS	\$40,551	DS-841	1.15	51.4	2700	95.8	329	12,106,AP,NWM
	1800	460	449T	8D300P2C	\$31,176	DS-841W	1.15	53.0	2500	96.2	326	
	1800	460	449T	8D300P2CB	\$31,176	DS-841W	1.15	53.0	2500	96.2	326	09
	1800	575	449T	8D300P2G	\$31,176	DS-841W	1.15	53.0	2500	96.2	268	
350	3600	460	5008S	8P350P1CG	\$60,348	DS-841	1.15	60.6	4000	95.8	382	12
	1800	460	449T	8P350P2C	\$44,306	DS-841	1.15	55.1	2400	96.2	379	AP,NWM
	1800	575	449T	8P350P2G	\$44,306	DS-841	1.15	55.1	2400	96.2	304	AP,NWM
400	3600	460	5008S	8P400P1CG	\$65,353	DS-841	1.15	60.6	4000	95.8	432	12
	1800	460	449T	8P400P2C	\$49,351	DS-841	1.15	55.1	2400	96.2	434	12,106,AP,NWM,LA
	1800	460	5008S	8P400P2CG	\$55,889	DS-841	1.15	60.6	4000	96.2	458	
450	3600	460	5010S	8P450P1C	\$73,221	DS-841	1.15	67.6	4800	95.8	483	12
	1800	460	5010S	8P450P2C	\$62,733	DS-841	1.15	67.6	4800	96.2	511	
500	3600	460	5012S	8P500P1C	\$90,599	DS-841	1.15	75.6	6000	95.8	536	12
	1800	460	5010S	8P500P2C	\$69,499	DS-841	1.15	75.6	4800	96.2	566	

Note 09 Cylindrical Roller Bearing
 Note 12 Unidirectional Fan – CCW direction facing opposite drive end (FODE)
 Note 106 TITAN® 841 (IEEE 841 Features) Note LA

Note AP No F2 convertibility
 Note LA Limited Availability
 Note NWM Non-World Motor Construction

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor 841 Plus® NEMA®† Premium Efficient, C-Face Footless

APPLICATIONS:

For constant speed and inverter duty applications in petro-chemical, pulp & paper, automotive, mining and waste treatment industries.

FEATURES:

- Inverter Grade® Insulation System (Meets NEMA® MG-1 Part 31)
- Class F Insulation, Class B Rise At Full Load (Sine Wave Power)
- All Cast Iron Construction
- Corrosion Resistant Mill & Chem Duty Paint (500 Hour Salt Spray Test)
- Stainless Steel Nameplate & Zinc Plated Hardware
- 40°C Ambient, NEMA® Design B Performance (Sine Wave Power)
- VBXX® Bearing Isolators By Inpro/Seal® On Both Ends For IP55 Bearing Protection
- Same Size Regreaseable Open Bearings, Stainless Steel Breathers/Drains
- 5 Year Warranty (3 Years on Inverter Power)
- External Grounding Provision, Epoxy Coated Rotor
- 20:1 (3-60hz) Variable Torque; 5:1 (12-60hz) Constant Torque On Inverter Power
- Precision Balance (< 0.05 In/Sec Vibration)
- 1.15 SF On Sine Wave / 1.0 SF On Inverter Power
- Meets or Exceeds IEEE Std 841™-2021
- Conversion Kits: C&D Flange, Drip Cover Kit, Shaft Grounding
- Self-Certified Class I, Division 2, Groups A, B, C, & D

C-Face Footless

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1	1800	460	143TC	8D1P2CCR	\$778	DS-841W	1.15	14.2	70	85.5	1.5	
	1200	460	145TC	8D1P3CCR	\$961	DS-841W	1.15	14.2	80	82.5	1.8	
1 1/2	3600	460	143TC	8D32P1CCR	\$805	DS-841W	1.15	14.2	65	84.0	1.9	
	1800	460	145TC	8D32P2CCR	\$817	DS-841W	1.15	14.2	80	86.5	2.1	
2	3600	460	145TC	8D2P1CCR	\$880	DS-841W	1.15	14.2	70	85.5	2.5	
	1800	460	145TC	8D2P2CCR	\$890	DS-841W	1.15	14.2	80	86.5	2.7	
	1200	460	184TCH	8D2P3CKR	\$1,227	DS-841W	1.15	17.2	110	88.5	3.1	
3	3600	460	182TCH	8D3P1CKR	\$993	DS-841W	1.15	17.2	90	86.5	4.1	
	1800	460	182TC	8D3P2CCR	\$954	DS-841W	1.15	17.2	110	89.5	3.9	
	1200	460	213TC	8D3P3CCR	\$1,503	DS-841W	1.15	20.4	180	89.5	4.3	
5	1800	460	184TC	8D5P2CCR	\$1,196	DS-841W	1.15	17.2	120	89.5	6.3	
	1800	460	184TCH	8D5P2CKR	\$1,196	DS-841W	1.15	17.2	120	89.5	6.3	
	1200	460	215TC	8D5P3CCR	\$2,004	DS-841W	1.15	20.4	190	89.5	7.1	
7 1/2	3600	460	213TC	8D7P1CCR	\$1,392	DS-841W	1.15	20.4	150	89.5	9	
	1800	460	213TC	8D7P2CCR	\$1,342	DS-841W	1.15	20.4	180	91.7	9.6	
10	3600	460	215TC	8D10P1CCR	\$1,602	DS-841W	1.15	20.4	170	90.2	11.8	
	1800	460	215TC	8D10P2CCR	\$1,640	DS-841W	1.15	20.4	190	91.7	12.8	

Definite Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY®, Inverter Duty 20:1 (3-60 Hertz) Speed Range Variable Torque, 5:1 (12-60 Hertz) Speed Range Constant Torque

APPLICATIONS:

For use on pumps, fans, blowers or other inverter powered applications having variable torque requirements.
Constant torque applications requiring 5:1 or less speed range and applications requiring a drive bypass.

FEATURES:

- Inverter Grade® Insulation System (Meets NEMA® MG-1 Part 31)
- Class F Thermostats (One Per Phase)
- Shaft Grounding Ring
- Corrosion Resistant Mill & Chemical Duty Paint
- Cast Iron Frame, Cast Iron End Brackets
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- Dual Voltage 230/460 Volts (1-100 HP)
- 40°C Ambient, NEMA® Design B Performance On 60 Hz Sine Wave Power
- Regreasable Ball Bearings 250 Frame & Up, Lifting Provisions
- Double Shielded Bearings 140-360, Open On 400-440
- Double Dip & Bake With Extra Bracing
- Class F Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Constant Horsepower To 90 Hz
- Steel Fan Cover & Conduit Box
- Field Convertible To F2 Mounting
- Condensation Drains With Plastic Plugs
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits
- C-Face Footed 1-5 HP
- Bearing Caps On 400-440
- Non-Drive End Insulated Bearing On 400-440

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1	1800(3600)	230/460	143TC	HD1V2BC	\$639	DS-VSTW	14.0	60	85.5	3/1.5	SGR
	1800(3600)	230/460	143T	HD1V2B	\$530	DS-VSTW	13.5	60	85.5	3/1.5	SGR
	1200(2400)	230/460	145TC	HD1V3BC	\$785	DS-VSTW	14.0	70	82.5	3.7/1.8	SGR
	1200(2400)	230/460	145T	HD1V3B	\$676	DS-VSTW	13.5	70	82.5	3.7/1.8	SGR
1 1/2	3600(7200)	230/460	143TC	HD32V1BC	\$699	DS-VSTW	14.0	50	84.0	3.9/1.9	SGR
	3600(7200)	230/460	143TC	H32V1BC	\$660	DS-VST	12.6	65	84.0	3.9/1.9	LA, NWM
	3600(7200)	230/460	143T	HD32V1B	\$590	DS-VSTW	13.5	50	84.0	3.9/1.9	SGR
	1800(3600)	230/460	145TC	HD32V2BC	\$675	DS-VSTW	14.0	70	86.5	4.1/2.1	SGR
	1800(3600)	230/460	145T	HD32V2B	\$566	DS-VSTW	13.5	70	86.5	4.1/2.1	SGR
	1200(2400)	230/460	182TC	HD32V3BC	\$848	DS-VSTW	17.1	90	87.5	4.5/2.2	SGR
	1200(2400)	230/460	182T	HD32V3B	\$761	DS-VSTW	16.3	90	87.5	4.5/2.2	SGR
2	3600(7200)	230/460	145TC	HD2V1BC	\$722	DS-VSTW	14.0	50	85.5	5/2.5	SGR
	3600(7200)	230/460	145T	HD2V1B	\$613	DS-VSTW	13.5	50	85.5	5/2.5	SGR
	1800(3600)	230/460	145TC	HD2V2BC	\$731	DS-VSTW	14.0	70	86.5	5.3/2.7	SGR
	1800(3600)	230/460	145T	HD2V2B	\$622	DS-VSTW	13.5	70	86.5	5.3/2.7	SGR
	1200(2400)	230/460	184TC	HD2V3BC	\$935	DS-VSTW	17.1	110	88.5	6.2/3.1	SGR
	1200(2400)	230/460	184T	HD2V3B	\$868	DS-VSTW	16.3	100	88.5	6.2/3.1	SGR
3	3600(7200)	230/460	182TC	HD3V1BC	\$861	DS-VSTW	17.1	80	86.5	8.2/4.1	SGR
	3600(7200)	230/460	182T	HD3V1B	\$712	DS-VSTW	16.3	70	86.5	8.2/4.1	SGR
	1800(3600)	230/460	182TC	HD3V2BC	\$828	DS-VSTW	17.1	100	89.5	7.8/3.9	SGR
	1800(3600)	230/460	182T	HD3V2B	\$679	DS-VSTW	16.3	90	89.5	7.8/3.9	SGR
	1200(2400)	230/460	213TC	HD3V3BC	\$1,120	DS-VSTW	19.6	170	89.5	8.6/4.3	SGR
	1200(2400)	230/460	213T	HD3V3B	\$1081	DS-VSTW	19.6	150	89.5	8.6/4.3	SGR
5	3600(7200)	230/460	184TC	HD5V1BC	\$994	DS-VSTW	17.1	90	88.5	12.3/6.1	SGR
	3600(7200)	230/460	184T	HD5V1B	\$844	DS-VSTW	16.3	90	88.5	12.3/6.1	SGR
	1800(3600)	230/460	184TC	HD5V2BC	\$923	DS-VSTW	17.1	110	89.5	12.7/6.3	SGR
	1800(3600)	230/460	184T	HD5V2B	\$774	DS-VSTW	16.3	100	89.5	12.7/6.3	SGR
	1200(2400)	230/460	215TC	HD5V3BC	\$1,540	DS-VSTW	20.4	180	89.5	14.2/7.1	SGR
	1200(2400)	230/460	215T	HD5V3B	\$1395	DS-VSTW	19.6	170	89.5	14.2/7.1	SGR
7 1/2	3600(7200)	230/460	213T	HD7V1B	\$1,099	DS-VSTW	19.6	130	89.5	18.1/9	SGR
	1800(3600)	230/460	213T	HD7V2B	\$1,055	DS-VSTW	19.6	150	91.7	19.1/9.6	SGR
	1200(2400)	230/460	254T	HD7V3B	\$1,873	DS-VSTW	24.9	230	91.0	18.8/9.4	SGR

Note SGR Shaft Grounding Ring
Note LA Limited Availability

Note NWM Non-World Motor Construction

**Definite Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC)
World Motor HOSTILE DUTY®, Inverter Duty 20:1 (3-60 Hertz) Speed Range
Variable Torque, 5:1 (12-60 Hertz) Speed Range Constant Torque**

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
10	3600(7200)	230/460	215T	HD10V1B	\$1,281	DS-VSTW	19.6	140	90.2	23.5/11.8	SGR
	1800(3600)	230/460	215T	HD10V2B	\$1,313	DS-VSTW	19.6	170	91.7	25.7/12.8	SGR
	1200(2400)	230/460	256T	HD10V3B	\$2,226	DS-VSTW	24.9	250	91.0	24.9/12.4	SGR
15	3600(7200)	230/460	254T	HD15V1B	\$1,803	DS-VSTW	24.9	250	91.0	35/17.4	SGR
	1800(3600)	230/460	254T	HD15V2B	\$1,757	DS-VSTW	24.9	250	92.4	36/18	SGR
	1200(2400)	230/460	284T	HD15V3B	\$2,941	DS-VSTW	27.5	310	91.7	37/18.5	SGR
20	3600(7200)	230/460	256T	HD20V1B	\$2,235	DS-VSTW	24.9	260	91.0	46/23	SGR
	1800(3600)	230/460	256T	HD20V2B	\$2,186	DS-VSTW	24.9	280	93.0	47/23.7	SGR
	1200(2400)	230/460	286T	HD20V3B	\$3,616	DS-VSTW	27.5	350	91.7	49/24.4	SGR
25	3600(7200)	230/460	284TS	HD25V1BS	\$2,658	DS-VSTW	26.1	310	91.7	58/28.8	SGR
	1800(2700)	230/460	284T	HD25V2B	\$2,571	DS-VSTW	27.5	330	93.6	58/29.2	SGR
	1200(2400)	230/460	324T	HD25V3B	\$4,619	DS-VSTW	30.1	490	93.0	59/29.3	SGR
30	3600(5400)	230/460	286TS	HD30V1BS	\$3,188	DS-VSTW	26.1	310	91.7	69/35	SGR
	1800(2700)	230/460	286T	HD30V2B	\$3,053	DS-VSTW	27.5	340	93.6	70/35	SGR
	1200(2400)	230/460	326T	HD30V3B	\$5,254	DS-VSTW	30.1	520	93.0	70/35	SGR
40	3600(5400)	230/460	324TS	HD40V1BS	\$3,758	DS-VSTW	28.6	410	92.4	92/46	SGR
	1800(2700)	230/460	324T	HD40V2B	\$3,644	DS-VSTW	30.1	450	94.1	92/46	SGR
	1200(2400)	230/460	364T	HD40V3B	\$5,821	DS-VSTW	32.3	630	94.1	94/47	SGR
50	3600(5400)	230/460	326TS	HD50V1BS	\$5,036	DS-VSTW	28.6	480	93.0	112/56	SGR
	1800(2700)	230/460	326T	HD50V2B	\$4,524	DS-VSTW	30.1	550	94.5	112/56	SGR
	1200(2400)	230/460	365T	HD50V3B	\$7,239	DS-VSTW	32.3	680	94.1	117/59	SGR
60	3600(5400)	230/460	364TS	HD60V1BS	\$6,476	DS-VSTW	30.2	560	93.6	136/68	SGR
	1800(3600)	230/460	364T	HD60V2B	\$6,330	DS-VSTW	32.3	640	95.0	137/68	SGR
	1200(2400)	230/460	404T	HD60V3B	\$8,517	DS-VSTW	37.6	940	94.5	141/71	SGR
75	3600(4500)	230/460	365TS	HD75V1BS	\$8,339	DS-VSTW	30.2	650	94.1	165/83	SGR
	3600(4500)	230/460	365TS	H75V1BS	\$11,411	DS-VST	30.4	830	93.6	167/83	LA, NWM
	1800(3600)	230/460	365T	HD75V2B	\$7,728	DS-VSTW	32.3	700	95.4	170/85	SGR
100	1200(2400)	230/460	405T	HD75V3B	\$10,133	DS-VSTW	37.6	970	94.5	178/89	SGR
	3600(4500)	230/460	405TS	HD100V1BS	\$11,178	DS-VSTW	34.6	900	94.1	228/114	SGR
	1800(3600)	230/460	405T	HD100V2B	\$10,133	DS-VSTW	34.6	980	95.4	229/115	SGR
125	1200(2400)	460	444T	HD100V3C	\$13,603	DS-VSTW	44.4	1450	95.0	120	SGR
	3600(4500)	460	444TS	HD125V1CS	\$13,997	DS-VSTW	40.6	1300	95.0	142	SGR
	1800(3600)	460	444T	HD125V2C	\$13,146	DS-VSTW	44.4	1260	95.4	141	SGR
150	1200(2400)	460	445T	HD125V3C	\$16,895	DS-VSTW	44.4	1500	95.0	153	SGR
	3600(4500)	460	445TS	HD150V1CS	\$17,743	DS-VSTW	40.6	1410	95.0	167	SGR
	1800(3600)	460	445T	HD150V2C	\$15,831	DS-VSTW	44.4	1480	95.8	171	SGR
200	1200(2400)	460	445T	HD150V3C	\$19,320	DS-VSTW	44.4	1760	95.8	179	SGR
	3600(4500)	460	447TS	HD200V1CS	\$24,249	DS-VSTW	44.1	1600	95.4	222	SGR
	1800(3600)	460	447T	HD200V2C	\$20,503	DS-VSTW	47.9	1710	96.2	226	SGR

Note SGR Shaft Grounding Ring
Note LA Limited Availability

Note NWM Non-World Motor Construction



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY® IEC, IE3 Efficiency

APPLICATIONS:

For pulp & paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 50 Hertz Sine Wave Power
- Corrosion Resistant Mill & Chemical Duty Paint
- Cast Iron Frame, Cast Iron End Brackets, Cast Iron Conduit Box
- Terminal Block in Conduit Box
- Stainless Steel Nameplate (with CE Mark) & Zinc Plated Hardware
- Shaft Seals For IP55 Protection
- Wye/Delta Dual Voltage 230/400 Volts
- 40°C Ambient
- IEC Design N
- Regreasable Ball Bearings 160 Frame & Up
- Horizontal Lifting Provisions
- Self-Certified Zone 2, Groups IIA, IIB, IIC
- Div. 2, Class I Group A, B, C & D, Class II Group F
- T3 T-Code
- Double Shielded Bearings 90-225, Open On 250-280
- 1.0 Service Factor
- Steel Fan Cover
- F3 Assembly Position
- Condensation Drains With Plastic Plugs
- Conversion Kits: All Cast Iron Upgrade, B5 & B14 Flanges, Canopy Kits
- Bearing Caps On 250-280
- Suitable for 20:1 Variable Torque; 2:1 Constant Torque On Inverter Power

KW(HP)	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"L" Dim. (mm)	Ship Wt. (kg)	Full Load Eff.	Full Load Amps	Notes
0.75 (1)	3000	230/400	90SL	MHD0075P1Y	\$620	DS-3HDI	1.0	334	25	83.8	2.7 / 1.6	
0.75 (1)	1500	230/400	90SL	MHD0075P2Y	\$557	DS-3HDI	1.0	334	30	82.5	2.9 / 1.7	
0.75 (1)	1000	230/400	90SL	MHD0075P3Y	\$711	DS-3HDI	1.0	334	34	78.9	3.5 / 2.0	
1.1 (1)	3000	230/400	90SL	MHD011P1Y	\$620	DS-3HDI	1.0	334	25	83	4.0 / 2.3	
1.1 (1)	1500	230/400	90SL	MHD011P2Y	\$595	DS-3HDI	1.0	334	30	84.2	4.1 / 2.4	
1.1 (1)	1000	230/400	90SL	MHD011P3Y	\$799	DS-3HDI	1.0	334	34	81	5.1 / 3.0	
1.5 (2)	3000	230/400	90SL	MHD015P1Y	\$759	DS-3HDI	1.0	334	30	84.2	5.2 / 3.0	
1.5 (2)	1500	230/400	90SL	MHD015P2Y	\$653	DS-3HDI	1.0	334	34	85.3	5.5 / 3.2	
1.5 (2)	1000	230/400	112SM	MHD015P3Y	\$912	DS-3HDI	1.0	405	45	82.5	6.1 / 3.5	
2.2 (3)	3000	230/400	90SL	MHD022P1Y	\$748	DS-3HDI	1.0	334	30	86.1	7.3 / 4.2	
2.2 (3)	1500	230/400	112SM	MHD022P2Y	\$713	DS-3HDI	1.0	405	45	86.7	8.0 / 4.6	
2.2 (3)	1000	230/400	112SM	MHD022P3Y	\$1,135	DS-3HDI	1.0	425	55	84.3	9.0 / 5.2	
3 (4)	3000	230/400	112SM	MHD03P1Y	\$818	DS-3HDI	1.0	405	45	87.1	10.7 / 6.2	
3 (4)	1500	230/400	112SM	MHD03P2Y	\$764	DS-3HDI	1.0	405	50	87.1	10.7 / 6.2	
3 (4)	1000	230/400	132SM	MHD03P3Y	\$1,300	DS-3HDI	1.0	493	68	85.6	11.3 / 6.5	
4 (5)	3000	230/400	112SM	MHD04P1Y	\$887	DS-3HDI	1.0	405	50	88.1	13.4 / 7.7	
4 (5)	1500	230/400	112SM	MHD04P2Y	\$813	DS-3HDI	1.0	425	55	88.6	14.4 / 8.3	
4 (5)	1000	230/400	132SM	MHD04P3Y	\$1,464	DS-3HDI	1.0	493	82	86.8	15.4 / 8.9	
5.5 (7)	3000	230/400	132SM	MHD055P1Y	\$1,153	DS-3HDI	1.0	493	68	89.2	18.2 / 10.5	
5.5 (7)	1500	230/400	132SM	MHD055P2Y	\$1,107	DS-3HDI	1.0	493	77	89.6	19.0 / 10.9	
5.5 (7)	1000	230/400	132SM	MHD055P3Y	\$1,967	DS-3HDI	1.0	531	86	88	21.0 / 12.1	
7.5 (10)	3000	230/400	132SM	MHD075P1Y	\$1,346	DS-3HDI	1.0	493	73	90.1	24.6 / 14.2	
7.5 (10)	1500	230/400	132SM	MHD075P2Y	\$1,379	DS-3HDI	1.0	531	86	90.4	25.3 / 14.6	
7.5 (10)	1000	230/400	160ML	MHD075P3Y	\$2,337	DS-3HDI	1.0	642	130	89.1	25.5 / 14.7	
11 (15)	3000	230/400	160ML	MHD11P1Y	\$1,893	DS-3HDI	1.0	642	120	91.2	36.0 / 20.7	
11 (15)	1500	230/400	160ML	MHD11P2Y	\$1,845	DS-3HDI	1.0	642	130	91.4	37.0 / 21.1	
11 (15)	1000	230/400	160ML	MHD11P3Y	\$3,089	DS-3HDI	1.0	642	157	90.3	38.0 / 22.2	
15 (20)	3000	230/400	160ML	MHD15P1Y	\$2,347	DS-3HDI	1.0	642	134	91.9	46.0 / 26.6	
15 (20)	1500	230/400	160ML	MHD15P2Y	\$2,295	DS-3HDI	1.0	642	152	92.1	49.0 / 28.3	
15 (20)	1000	230/400	180ML	MHD15P3Y	\$3,796	DS-3HDI	1.0	691	189	91.2	50.0 / 28.5	
18.5 (25)	3000	230/400	160ML	MHD18P1Y	\$2,446	DS-3HDI	1.0	642	152	92.4	56/32	
18.5 (25)	1500	230/400	180ML	MHD18P2Y	\$2,700	DS-3HDI	1.0	691	170	92.6	60.0 / 35.0	
18.5 (25)	1000	230/400	200ML	MHD18P3Y	\$4,850	DS-3HDI	1.0	742	248	91.7	63.0 / 37.0	
22 (30)	3000	230/400	180ML	MHD22P1Y	\$3,348	DS-3HDI	1.0	691	170	92.7	67.0 / 39.0	
22 (30)	1500	230/400	180ML	MHD22P2Y	\$3,206	DS-3HDI	1.0	691	184	93.3	71.0 / 41.0	
22 (30)	1000	230/400	200ML	MHD22P3Y	\$5,517	DS-3HDI	1.0	742	270	92.2	74.0 / 42.0	
30 (40)	3000	230/400	200ML	MHD30P1Y	\$3,946	DS-3HDI	1.0	742	243	93.3	92.0 / 53.0	
30 (40)	1500	230/400	200ML	MHD30P2Y	\$3,826	DS-3HDI	1.0	742	261	93.6	94.0 / 54.0	
30 (40)	1000	230/400	225SM	MHD30P3Y	\$6,112	DS-3HDI	1.0	810	339	92.9	96.0 / 56.0	
37 (50)	3000	230/400	200ML	MHD37P1Y	\$5,288	DS-3HDI	1.0	742	252	93.7	114.0 / 66.0	
37 (50)	1500	230/400	225SM	MHD37P2Y	\$4,751	DS-3HDI	1.0	810	320	93.9	118.0 / 68.0	
37 (50)	1000	230/400	250SM	MHD37P3Y	\$7,602	DS-3HDI	1.0	911	455	93.3	118.0 / 68.0	
45 (60)	3000	230/400	225SM	MHD45P1Y	\$6,800	DS-3HDI	1.0	781	325	94	134.0 / 77.0	
45 (60)	1500	230/400	225SM	MHD45P2Y	\$6,646	DS-3HDI	1.0	810	330	94.2	141.0 / 81.0	
45 (60)	1000	230/400	280SM	MHD45P3Y	\$8,942	DS-3HDI	1.0	1051	827	93.7	152.0 / 88.0	
55 (75)	3000	230/400	250SM	MHD55P1Y	\$8,756	DS-3HDI	1.0	911	436	94.3	167.0 / 96.0	
55 (75)	1500	230/400	250SM	MHD55P2Y	\$8,114	DS-3HDI	1.0	911	432	94.6	171.0 / 98.0	
55 (75)	1000	230/400	280SM	MHD55P3Y	\$10,640	DS-3HDI	1.0	1051	827	94.1	183.0 / 105.0	
75 (100)	3000	400	280SM	MHD75P1T	\$11,737	DS-3HDI	1.0	1051	827	94.7	131.0	
75 (100)	1500	400	280SM	MHD75P2T	\$10,640	DS-3HDI	1.0	1051	827	95	135.0	
90 (125)	3000	400	280SM	MHD90P1T	\$14,058	DS-3HDI	1.0	1051	827	95	153.0	
90 (125)	1500	400	280SM	MHD90P2T	\$13,203	DS-3HDI	1.0	1051	827	95.2	158.0	

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY® IEC, B5 (footless), IE3 Efficiency

APPLICATIONS:

For pulp & paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries requiring protection within harsh operating conditions.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 50 Hertz Sine Wave Power
- Corrosion Resistant Mill & Chemical Duty Paint
- Cast Iron Frame, Cast Iron End Brackets, Cast Iron Conduit Box
- Terminal Block in Conduit Box
- Stainless Steel (with CE Mark) Nameplate & Zinc Plated Hardware
- Shaft Seals For IP55 Protection
- Wye/Delta Dual Voltage 230/400 Volts
- 40°C Ambient
- IEC Design N
- Regreasable Ball Bearings 160 Frame & Up
- Horizontal and Vertical (shaft down) Lifting Provisions
- Self-Certified Zone 2, Groups IIA, IIB, IIC
- Div. 2, Class I Group A, B, C & D, Class II Group F
- T3 T-Code
- Double Shielded Bearings 90-225, Open On 250-280
- 1.0 Service Factor
- Steel Fan Cover
- Footless with B5 Flange
- Condensation Drains With Plastic Plugs
- Conversion Kits: All Cast Iron Upgrade, B14 Flanges, Canopy Kits
- Bearing Caps On 250-280
- Suitable for 20:1 Variable Torque; 2:1 Constant Torque On Inverter Power

KW(HP)	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"L" Dim. (mm)	Ship Wt. (kg)	Full Load Eff.	Full Load Amps	Notes
0.75 (1)	3000	230/400	90	MHD0075P1Y3001L	\$669	DS-3HDI	1.00	349	20	83.8	2.7 / 1.6	B5 (Footless Flanged)
0.75 (1)	1500	230/400	90	MHD0075P2Y3001L	\$634	DS-3HDI	1.00	349	30	82.5	2.9 / 1.7	B5 (Footless Flanged)
1.1 (1.5)	3000	230/400	90	MHD011P1Y3001L	\$689	DS-3HDI	1.00	349	20	83.0	4.0 / 2.3	B5 (Footless Flanged)
1.1 (1.5)	1500	230/400	90	MHD011P2Y3001L	\$667	DS-3HDI	1.00	349	30	84.2	4.1 / 2.4	B5 (Footless Flanged)
1.5 (2)	3000	230/400	90	MHD015P1Y3001L	\$710	DS-3HDI	1.00	349	30	84.2	5.2 / 3.0	B5 (Footless Flanged)
1.5 (2)	1500	230/400	90	MHD015P2Y3001L	\$718	DS-3HDI	1.00	349	30	85.3	5.5 / 3.2	B5 (Footless Flanged)
2.2 (3)	3000	230/400	90	MHD022P1Y3001L	\$840	DS-3HDI	1.00	349	30	86.1	7.3 / 4.2	B5 (Footless Flanged)
2.2 (3)	1500	230/400	112	MHD022P2Y3001L	\$863	DS-3HDI	1.00	405	40	86.7	8.0 / 4.6	B5 (Footless Flanged)
3 (4)	3000	230/400	112	MHD03P1Y3001L	\$1,037	DS-3HDI	1.00	405	40	87.1	10.7 / 6.2	B5 (Footless Flanged)
3 (4)	1500	230/400	112	MHD03P2Y3001L	\$963	DS-3HDI	1.00	405	50	87.1	10.7 / 6.2	B5 (Footless Flanged)
4 (5)	3000	230/400	112	MHD04P1Y3001L	\$1,303	DS-3HDI	1.00	405	50	88.1	13.4 / 7.7	B5 (Footless Flanged)
4 (5)	1500	230/400	112	MHD04P2Y3001L	\$1,257	DS-3HDI	1.00	425	50	88.6	14.4 / 8.3	B5 (Footless Flanged)
5.5 (7)	3000	230/400	132	MHD055P1Y3001L	\$1,393	DS-3HDI	1.00	493	60	89.2	18.2 / 10.5	B5 (Footless Flanged)
5.5 (7)	1500	230/400	132	MHD055P2Y3001L	\$1,347	DS-3HDI	1.00	493	80	89.6	19.0 / 10.9	B5 (Footless Flanged)
7.5 (10)	3000	230/400	132	MHD075P1Y3001L	\$1,586	DS-3HDI	1.00	493	70	90.1	24.6 / 14.2	B5 (Footless Flanged)
7.5 (10)	1500	230/400	132	MHD075P2Y3001L	\$1,619	DS-3HDI	1.00	531	90	90.4	25.3 / 14.6	B5 (Footless Flanged)
11 (15)	3000	230/400	160	MHD11P1Y3001L	\$2,171	DS-3HDI	1.00	642	110	91.2	36.0 / 20.7	B5 (Footless Flanged)
11 (15)	1500	230/400	160	MHD11P2Y3001L	\$2,123	DS-3HDI	1.00	642	120	91.4	37.0 / 21.1	B5 (Footless Flanged)
15 (20)	3000	230/400	160	MHD15P1Y3001L	\$2,625	DS-3HDI	1.00	642	130	91.9	46.0 / 26.6	B5 (Footless Flanged)
15 (20)	1500	230/400	160	MHD15P2Y3001L	\$2,573	DS-3HDI	1.00	642	150	92.1	49.0 / 28.3	B5 (Footless Flanged)
18.5 (25)	3000	230/400	160	MHD18P1Y3001L	\$2,724	DS-3HDI	1.00	642	150	92.4	56.0 / 32.0	B5 (Footless Flanged)
18.5 (25)	1500	230/400	180	MHD18P2Y3001L	\$3,053	DS-3HDI	1.00	691	160	92.6	60.0 / 35.0	B5 (Footless Flanged)
22 (30)	3000	230/400	180	MHD22P1Y3001L	\$3,626	DS-3HDI	1.00	691	160	92.7	67.0 / 39.0	B5 (Footless Flanged)
22 (30)	1500	230/400	180	MHD22P2Y3001L	\$3,559	DS-3HDI	1.00	691	180	93.3	71.0 / 41.0	B5 (Footless Flanged)
30 (40)	3000	230/400	200	MHD30P1Y3001L	\$4,344	DS-3HDI	1.00	742	230	93.3	92.0 / 53.0	B5 (Footless Flanged)
30 (40)	1500	230/400	200	MHD30P2Y3001L	\$4,224	DS-3HDI	1.00	742	250	93.6	94.0 / 54.0	B5 (Footless Flanged)
37 (50)	3000	230/400	200	MHD37P1Y3001L	\$5,686	DS-3HDI	1.00	742	240	93.7	114.0 / 66.0	B5 (Footless Flanged)
37 (50)	1500	230/400	225	MHD37P2Y3001L	\$5,224	DS-3HDI	1.00	810	300	93.9	118.0 / 68.0	B5 (Footless Flanged)
45 (60)	3000	230/400	225	MHD45P1Y3001L	\$7,183	DS-3HDI	1.00	781	300	94.0	134.0 / 77.0	B5 (Footless Flanged)
45 (60)	1500	230/400	225	MHD45P2Y3001L	\$7,119	DS-3HDI	1.00	810	310	94.2	141.0 / 81.0	B5 (Footless Flanged)
55 (75)	3000	230/400	250	MHD55P1Y3001L	\$9,349	DS-3HDI	1.00	911	420	94.3	167.0 / 96.0	B5 (Footless Flanged)
55 (75)	1500	230/400	250	MHD55P2Y3001L	\$8,707	DS-3HDI	1.00	911	420	94.6	171.0 / 98.0	B5 (Footless Flanged)
75 (100)	3000	400	280	MHD75P1T3001L	\$12,330	DS-3HDI	1.00	1051	700	94.8	131.0	B5 (Footless Flanged)
75 (100)	1500	400	280	MHD75P2T3001L	\$11,233	DS-3HDI	1.00	1051	700	95.0	135.0	B5 (Footless Flanged)
90 (125)	3000	400	280	MHD90P1T3001L	\$15,290	DS-3HDI	1.00	1051	700	95.0	153.0	B5 (Footless Flanged)
90 (125)	1500	400	280	MHD90P2T3001L	\$14,396	DS-3HDI	1.00	1051	700	95.2	158.0	B5 (Footless Flanged)

World Motor C-Face Kits

APPLICATIONS:

Kit designed for conversion of off-the-shelf motors to accommodate a C Flange Mount on World Motor Construction.

CTE, CTI

JDE (Automotive Duty)

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
140	2064247	\$150	DS-3TE	4-1/2"	40,NR
180	2063436	\$217	DS-3TE	4-1/2"	40
	2063437	\$200	DS-3TE	8-1/2"	40
210	2060434	\$275	DS-3TE	8-1/2"	40
250	2059784	\$320	DS-3TE	8-1/2"	40,41
280	2059321	\$383	DS-3TE	10-1/2"	41
320	2060743	\$550	DS-3TE	12-1/2"	41
360	2061478	\$750	DS-3TE	12-1/2"	41
400	2065880	\$1,250	DS-3TE	12-1/2"	42
440T	2066545	\$1,583	DS-3TE	16"	NC
440TS	2066399	\$1,583	DS-3TE	16"	NC

TCE, CE

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
140	2064224	\$150	DS-3TE	4-1/2"	40, IN, NR
180	2063392	\$242	DS-3TE	8-1/2"	40, IN
	2063391	\$242	DS-3TE	4-1/2"	40, IN
210	2060203	\$292	DS-3TE	8-1/2"	40, IN
250	2059695	\$375	DS-3TE	8-1/2"	40, IN
280	2046247	\$417	DS-3TE	10-1/2"	IN
320	2060739	\$583	DS-3TE	12-1/2"	IN
360	2061427	\$783	DS-3TE	12-1/2"	IN
400	2065842	\$1,250	DS-3TE	12-1/2"	IN
440T	2066299	\$1,583	DS-3TE	16"	IN
440TS	2066298	\$1,583	DS-3TE	16"	IN, NC

CE (400/440 Frame)

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
400	2066054 & 900460	\$1,725	DS-3TE	12-1/2"	
440T	2066353 & 900461	\$2,163	DS-3TE	16"	42

Note 40 Non-NEMA[®] "BA" Dimension
 Note 41 Pulley End Bearing Clamp provision
 Note 42 Not usable on Short Shaft (TS or US)
 Note IN Inpro Seal is not available
 Note NC Not CE
 Note NR Cannot Regrease

World Motor D Flange Kits

APPLICATIONS:

Kit designed for conversion of off-the-shelf motor to accommodate a D Flange Mount on World Motor Construction.

FCT, CTI, CTE

JDE (Automotive Duty)

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
180	2063438	\$250	DS-3TE	9"	40
210	2060435	\$333	DS-3TE	9"	40
250	2059785	\$467	DS-3TE	11"	40,41
280	2059322	\$583	DS-3TE	11"	41
320	2080456	\$650	DS-3TE	14"	
360	2080463	\$850	DS-3TE	14"	
400	2080475	\$1,250	DS-3TE	18"	

TCE, CE

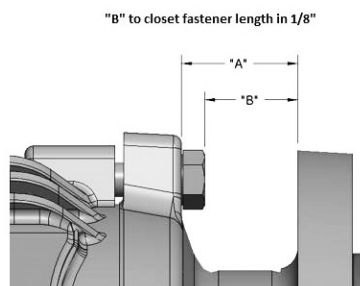
Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
180	2063393	\$267	DS-3TE	9"	40, IN
210	2060204	\$342	DS-3TE	9"	40, IN
250	2059696	\$475	DS-3TE	11"	40, IN
280	2046248	\$542	DS-3TE	11"	IN
320	2080457	\$667	DS-3TE	14"	IN
360	2080464	\$908	DS-3TE	14"	IN
400	2080476	\$1,250	DS-3TE	18"	IN, NC

CE

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
400	2080477	\$1,250	DS-3TE	18"	IN

Frame	"A"	"B"	Fastener
210	1.04	0.750	5/16
250	1.28	1.000	3/8
280	1.69	1.375	1/2
320	1.77	1.375	1/2
360	2.12	1.75	1/2
400	1.65	1.125	5/8
440	1.63	1.125	5/8

Depending on mounting configuration, a stud and nut may be required.



Note 40 Non-NEMA[®] "BA" Dimension
 Note 41 Pulley End Bearing Clamp provision
 Note IN Inpro Seal is not available
 Note NC Not CE

World Motor Dripcover Kits

APPLICATIONS:

Provides protection to the motor in a vertical shaft down position or provides vertical lifting provisions for footed motors mounted in a vertical, shaft down, orientation.

Cast Iron, TEFC Motors

Frame	Catalog Number	List	Discount Symbol	Notes
140	2064246	\$150	DS-3TE	
180	2064679	\$250	DS-3TE	
210	2060433	\$275	DS-3TE	
250,280	2059320	\$333	DS-3TE	
320	2060742	\$700	DS-3TE	
360	2064678	\$1,133	DS-3TE	
400,440	2065879	\$1,583	DS-3TE	

World Motor Cast Iron Conversion Kits

APPLICATIONS:

For severe environments where all Cast Iron construction is required.

Cast Iron, C/B Kits

Frame	Catalog Number	List	Discount Symbol	Notes
140,180	2063435	\$150	DS-3TE	
210	2060432	\$193	DS-3TE	
250	2059783	\$212	DS-3TE	
280	2059319	\$233	DS-3TE	
320	2060741	\$243	DS-3TE	
360,400	2061477	\$343	DS-3TE	
440	2066398	\$833	DS-3TE	

Cast Iron, Fan Cover Kits

Frame	Catalog Number	List	Discount Symbol	Notes
140	2064245	\$125	DS-3TE	
180	2063434	\$137	DS-3TE	
210	2060431	\$212	DS-3TE	
250	2059782	\$330	DS-3TE	
280	2059318	\$400	DS-3TE	
320	2060740	\$417	DS-3TE	
360	2061476	\$755	DS-3TE	
400	2065878	\$1,223	DS-3TE	
440	2066397	\$1,355	DS-3TE	

World Motor Roller Bearing Kits & Bearing Isolator/Grounding Seal MGS Kits by Inpro/Seal®†

APPLICATIONS:

Roller Bearing Kits: Used on belted applications only (do not use on direct connected loads). Do not use on motors mounted vertically shaft up or shaft down.
Inpro/Seal® Kits: Bearing isolator to prevent contaminants from entering the bearing system in severe environments.

Roller Bearing Kits

Frame	Catalog Number	List	Discount Symbol	Notes
440-449	2068936	\$1,250	DS-3TE	

Bearing Isolator/Grounding Seal MGS Kits by Inpro/Seal®†

Frame	Catalog Number	List	Discount Symbol	Notes
180	620281-000	\$433	DS-3TE	
210	620282-000	\$466	DS-3TE	
250	620283-000	\$492	DS-3TE	
280	620284-000	\$517	DS-3TE	
320	620285-000	\$584	DS-3TE	
360	620286-000	\$609	DS-3TE	
400T	620287-000	\$650	DS-3TE	
400TS	620288-000	\$650	DS-3TE	
440T	620290-000	\$775	DS-3TE	
440TS	620289-000	\$775	DS-3TE	
449T	620291-000	\$830	DS-3TE	
449TS	620292-000	\$830	DS-3TE	

Suitable with all 841 Plus (World Motor and Legacy Construction)

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