

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 (with CE Mark) & 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
- Self-Certified Class I, Division 2, Groups A, B, C, & D
- Double Shielded Bearings 140-360, Open On 400-440
- 1.15 Service Factor @ 60 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
- Bearing Caps On 400-440
- Suitable for 20:1 (3-60hz) Variable Torque; 5:1 (12-60hz) Constant Torque On Inverter Power

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	
	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	86.5	1.2	
	1200	200	145T	HD1P3H	\$588	DS-3HDW	1.15	13.5	70	82.5	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	
	3600	230/460	143T	HD32P1E	\$513	DS-3HDW	1.15	13.5	50	84.0	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	
	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	87.5	1.6	
	1200	200	182T	HD32P3H	\$662	DS-3HDW	1.15	16.3	90	87.5	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	
	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	
	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	87.5	2.1	
	1200	200	184T	HD2P3H	\$755	DS-3HDW	1.15	16.3	100	88.5	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	
	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	
	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	89.5	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

† All marks shown within this document are properties of their respective owners.



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	
	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	
	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	
	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	
	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	
	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	91.0	7.8	
	1200	575	254T	HD7P3G	\$1,629	DS-3HDW	1.15	24.9	230	91.0	7.6	02
	1200	230/460	254T	HD7P3E	\$1,629	DS-3HDW	1.15	24.9	300	91.0	18.8/9.4	02,105,G
	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	
	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	
	1800	230/460	215T	HD10P2E	\$1,142	DS-3HDW	1.15	19.6	160	91.7	25.7/12.8	105,G
	1800	575	215T	HD10P2G	\$1,142	DS-3HDW	1.15	19.6	170	91.0	10.3	
	1200	230/460	256T	HD10P3E	\$1,936	DS-3HDW	1.15	24.9	340	91.0	24.9/12.4	02,105,G
	1200	575	256T	HD10P3G	\$1,936	DS-3HDW	1.15	24.9	260	91.0	10	02
	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	230/460	254T	HD15P1E	\$1,568	DS-3HDW	1.15	24.9	250	91.0	35/17.4	02,105,G
	3600	200	254T	HD15P1H	\$1,568	DS-3HDW	1.15	24.9	250	91.0	40	02
	3600	575	254T	HD15P1G	\$1,568	DS-3HDW	1.15	24.9	260	91.0	13.9	02
	1800	230/460	254T	HD15P2E	\$1,528	DS-3HDW	1.15	24.9	250	92.4	36/18	02,105,G
	1800	200	254T	HD15P2H	\$1,528	DS-3HDW	1.15	24.9	250	92.4	41	02
	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	02,105,G
	1200	575	284T	HD15P3G	\$2,558	DS-3HDW	1.15	27.5	310	91.7	14.7	02
	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	02
	3600	230/460	256T	HD20P1E	\$1,944	DS-3HDW	1.15	24.9	340	91.0	46/23	02,105,G
	3600	575	256T	HD20P1G	\$1,944	DS-3HDW	1.15	24.9	270	91.0	18.4	02
	1800	200	256T	HD20P2H	\$1,901	DS-3HDW	1.15	24.9	280	93.0	55	02
	1800	230/460	256T	HD20P2E	\$1,901	DS-3HDW	1.15	24.9	340	93.0	47/23.7	02,105,G
	1800	575	215T	HD20P2G	\$1,901	DS-3HDW	1.15	24.9	280	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	02
	900	230/460	324T	HD20P4E	\$4,054	DS-3HDW	1.15	30.1	490	90.2	53/26.6	02,105,G
25	3600	200	284TS	HD25P1HS	\$2,311	DS-3HDW	1.15	26.1	325	91.7	66	02
	3600	230/460	284T	HD25P1E	\$2,311	DS-3HDW	1.15	27.5	310	91.7	58/28.8	02,105,G
	3600	230/460	284TS	HD25P1ES	\$2,311	DS-3HDW	1.15	26.1	310	91.7	58/28.8	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

† All marks shown within this document are properties of their respective owners.



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	
	3600	575	284TS	HD25P1GS	\$2,311	DS-3HDW	1.15	26.1	310	91.7	23	02	
	1800	200	284T	HD25P2H	\$2,236	DS-3HDW	1.15	27.5	335	93.6	67	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	02,105,G	
	1200	575	324T	HD25P3G	\$4,017	DS-3HDW	1.15	30.1	490	93.0	23.4	02	
	900	230/460	326T	HD25P4E	\$5,269	DS-3HDW	1.15	30.1	550	90.2	66/33	02,105,G	
30	3600	200	286TS	HD30P1HS	\$2,772	DS-3HDW	1.15	26.1	325	91.7	80	02	
	3600	230/460	286T	HD30P1E	\$2,772	DS-3HDW	1.15	27.5	310	91.7	69/35	02,105,G	
	3600	230/460	286TS	HD30P1ES	\$2,772	DS-3HDW	1.15	26.1	310	91.7	69/35	02,105,G	
	3600	575	286TS	HD30P1GS	\$2,772	DS-3HDW	1.15	26.1	310	91.7	27.7	02	
	1800	200	286T	HD30P2H	\$2,655	DS-3HDW	1.15	27.5	345	93.6	82	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	93.0	70/35	02,105,G	
	1200	575	326T	HD30P3G	\$4,569	DS-3HDW	1.15	30.1	520	93.0	28	02	
	900	230/460	364T	HD30P4E	\$5,891	DS-3HDW	1.15	32.3	630	91.7	81/40	02,105,G	
40	3600	200	324TS	HD40P1HS	\$3,268	DS-3HDW	1.15	28.6	410	92.4	107	02	
	3600	230/460	324TS	HD40P1ES	\$3,268	DS-3HDW	1.15	28.6	410	92.4	92/46	02,105,G	
	3600	575	324TS	HD40P1GS	\$3,268	DS-3HDW	1.15	28.6	410	92.4	37	02	
	1800	200	324T	HD40P2H	\$3,169	DS-3HDW	1.15	30.1	450	94.1	106	02	
	1800	230/460	324T	HD40P2E	\$3,169	DS-3HDW	1.15	30.1	450	94.1	92/46	02,105,G	
	1800	230/460	324TC	HD40P2EC	\$3,569	DS-3HDW	1.15	30.1	470	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	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	730	92.4	105/53	02,105,G	
	50	3600	200	326TS	HD50P1HS	\$4,379	DS-3HDW	1.15	28.6	480	93.0	129	02
		3600	230/460	326TS	HD50P1ES	\$4,379	DS-3HDW	1.15	28.6	480	93.0	112/56	02,105,G
3600		575	326TS	HD50P1GS	\$4,379	DS-3HDW	1.15	28.6	480	93.0	45	02	
1800		200	326T	HD50P2H	\$3,934	DS-3HDW	1.15	30.1	550	94.5	128	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	326TC	HD50P2EC	\$4,334	DS-3HDW	1.15	30.1	570	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	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	
60		3600	200	364TS	HD60P1HS	\$5,631	DS-3HDW	1.15	30.2	560	93.6	158	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	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

† All marks shown within this document are properties of their respective owners.



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	02
	3600	230/460	365TS	HD75P1ES	\$7,251	DS-3HDW	1.15	30.2	650	94.1	165/83	02,105,G
	3600	575	365TS	HD75P1GS	\$7,251	DS-3HDW	1.15	30.2	650	93.6	66	02
	1800	200	365T	HD75P2H	\$6,720	DS-3HDW	1.15	32.3	700	95.4	196	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	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	575	405T	HD75P3G	\$8,811	DS-3HDW	1.15	37.6	970	94.5	71	02	
100	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	900	94.1	91	02
	1800	200	405T	HD100P2H	\$8,811	DS-3HDW	1.15	37.7	1040	95.4	259	02
	1800	200	405TS	HD100P2HS	\$8,811	DS-3HDW	1.15	34.6	1040	95.4	259	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	37.7	980	95.4	91	02
	1800	575	405T	HD100P2GB	\$8,811	DS-3HDW	1.15	37.7	980	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
	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	1450	95.0	95	02
1200	575	444T	HD100P3GB	\$11,829	DS-3HDW	1.15	44.4	1450	95.0	95	02,09	
125	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	1300	95.0	113	02
	1800	460	444T	HD125P2F	\$11,431	DS-3HDW	1.15	44.4	1260	95.4	141	02,G
	1800	460	444T	HD125P2FB	\$11,431	DS-3HDW	1.15	44.4	1260	95.4	141	02,09,G
	1800	460	444TS	HD125P2FS	\$11,431	DS-3HDW	1.15	40.6	1260	95.4	141	02,G
	1800	575	444T	HD125P2G	\$11,431	DS-3HDW	1.15	40.6	1260	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
	1200	575	445T	HD125P3G	\$14,691	DS-3HDW	1.15	44.4	1500	95.0	125	02
	1200	575	445T	HD125P3GB	\$14,691	DS-3HDW	1.15	44.4	1500	95.0	125	02,09
150	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	1410	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	1480	95.8	136	02
	1200	460	447T	HD150P3F	\$16,800	DS-3HDW	1.15	47.9	1650	95.8	179	02,G
	1200	460	447T	HD150P3FB	\$16,800	DS-3HDW	1.15	47.9	1650	95.8	179	02,09,G
	1200	575	447T	HD150P3G	\$16,800	DS-3HDW	1.15	47.9	1650	95.8	143	02
200	3600	460	447TS	HD200P1FS	\$21,086	DS-3HDW	1.15	44.1	1540	95.4	222	02,G
	3600	575	447TS	HD200P1GS	\$21,086	DS-3HDW	1.15	44.1	1540	95.4	178	02
	1800	460	447T	HD200P2F	\$17,829	DS-3HDW	1.15	47.9	1630	96.2	226	02,G
	1800	460	447T	HD200P2FB	\$17,829	DS-3HDW	1.15	47.9	1630	96.2	226	02,09,G
	1800	460	447TS	HD200P2FS	\$17,829	DS-3HDW	1.15	44.1	1630	96.2	226	02,G
	1800	575	447T	HD200P2G	\$17,829	DS-3HDW	1.15	47.9	1630	96.2	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

† All marks shown within this document are properties of their respective owners.



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 (with CE Mark) & 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; 5:1 (12-60hz) Constant 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

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	35/17.4	105,G
	1800	230/460	254TC	HD15P2EC	\$1,703	DS-3HDW	1.15	25.4	260	92.4	36/18	105,G
	1200	230/460	284TC	HD15P3EC	\$2,858	DS-3HDW	1.15	27.5	330	91.7	37/18.5	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	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	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	105,G
40	1800	230/460	324TC	HD40P2EC	\$3,569	DS-3HDW	1.15	30.1	470	94.1	92/46	105,G
50	1800	230/460	326TC	HD50P2EC	\$4,334	DS-3HDW	1.15	30.1	570	94.5	112/56	105,G
60	1800	230/460	364TC	HD60P2EC	\$6,124	DS-3HDW	1.15	32.3	660	95.0	137/68	105,G
75	1800	230/460	365TC	HD75P2EC	\$7,340	DS-3HDW	1.15	32.3	720	95.4	170/85	105,G
100	1800	230/460	405TC	HD100P2EC	\$9,491	DS-3HDW	1.15	37.7	1000	95.4	229/115	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

† All marks shown within this document are properties of their respective owners.



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 (with CE Mark) & 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)
- 40°C Ambient, 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; 5:1 (12-60hz) Constant 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

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	86.5	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	87.5	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
	1800	575	145T	CD2P2G	\$649	DS-3CEW	1.15	13.7	80	87.5	2.1	
	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	89.5	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	9.4	
	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	

† All marks shown within this document are properties of their respective owners.



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
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	105,G
	1800	230/460	254T	CD15P2E	\$1,757	DS-3CEW	1.15	25.1	270	92.4	36/18	105,G
	1800	575	254T	CD15P2G	\$1,757	DS-3CEW	1.15	25.1	270	92.4	14.5	
	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	
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	
	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	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	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	
	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	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	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	
	1200	460	326T	CD30P3F	\$5,025	DS-3CEW	1.15	30.3	560	93.0	35	G
	1200	575	326T	CD30P3G	\$5,025	DS-3CEW	1.15	30.3	560	93.0	28	
40	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	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	
	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	
50	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	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	
	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	
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	
	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	
	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	
75	3600	460	365TS	CD75P1FS	\$7,976	DS-3CEW	1.15	30.3	710	94.1	83	G
	3600	575	365TS	CD75P1GS	\$7,976	DS-3CEW	1.15	30.3	710	93.6	66	
	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	
	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
100	1200	575	405T	CD75P3G	\$9,692	DS-3CEW	1.15	37.8	1040	94.5	71	
	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	
	1800	460	405T	CD100P2F	\$9,692	DS-3CEW	1.15	37.8	1060	95.4	115	G

† All marks shown within this document are properties of their respective owners.



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
	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	
	1200	460	444T	CD100P3F	\$12,657	DS-3CEW	1.15	44.5	1570	95.0	120	G
	1200	460	444T	CD100P3FB	\$12,657	DS-3CEW	1.15	44.5	1570	95.0	120	09,G
	1200	575	444T	CD100P3G	\$12,657	DS-3CEW	1.15	44.5	1570	95.0	95	
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	
	1800	460	444T	CD125P2F	\$12,231	DS-3CEW	1.15	44.5	1390	95.4	141	G
	1800	460	444T	CD125P2FB	\$12,231	DS-3CEW	1.15	44.5	1390	95.4	141	09,G
	1800	460	444TS	CD125P2FS	\$12,231	DS-3CEW	1.15	40.8	1390	95.4	141	G
	1200	460	445T	CD125P3F	\$15,719	DS-3CEW	1.15	44.5	1620	95.0	153	G
	1200	460	445T	CD125P3FB	\$15,719	DS-3CEW	1.15	44.5	1620	95.0	153	09,G
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	
	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	
	1200	460	447T	CD150P3F	\$17,976	DS-3CEW	1.15	48.0	2200	95.8	179	G
	1200	460	447T	CD150P3FB	\$17,976	DS-3CEW	1.15	48.0	2200	95.8	179	09,G
200	3600	460	447TS	CD200P1FS	\$22,562	DS-3CEW	1.15	44.3	2200	95.4	222	G
	3600	575	447TS	CD200P1GS	\$22,562	DS-3CEW	1.15	44.3	2200	95.4	178	
	1800	460	447T	CD200P2F	\$19,077	DS-3CEW	1.15	48.0	2200	96.2	226	G
	1800	460	447T	CD200P2FB	\$19,077	DS-3CEW	1.15	48.0	2200	96.2	226	09,G
	1800	460	447TS	CD200P2FS	\$19,077	DS-3CEW	1.15	44.3	2200	96.2	226	G
	1800	575	447T	CD200P2G	\$19,077	DS-3CEW	1.15	48.0	2200	96.2	181	
	1200	460	449T	CD200P3F	\$23,753	DS-3CEW	1.15	53.0	2500	95.8	224	G
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
	1200	460	449T	C250P3C	\$29,623	DS-3CE	1.15	55.1	2800	95.8	280	AP,NWM
300	3600	460	449TS	CD300P1FS	\$33,017	DS-3CEW	1.15	49.3	2500	95.8	327	G
	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
	1200	460	449T	C300P3C	\$39,704	DS-3CE	1.15	55.1	2800	95.8	334	AP,NWM
350	3600	460	449TS	C350P1CS	\$37,042	DS-3CE	1.15	51.4	2800	95.8	374	AP,NWM
	1800	460	449T	C350P2C	\$35,125	DS-3CE	1.15	55.1	2950	96.2	381	AP,NWM
	1800	460	449T	C350P2CB	\$36,935	DS-3CE	1.15	55.1	2950	96.2	381	09, AP,NWM
400	3600	460	449TS	C400P1CS	\$44,129	DS-3CE	1.15	51.4	2900	95.8	426	AP,NWM
	1800	460	449T	C400P2C	\$37,500	DS-3CE	1.15	55.1	3025	96.2	434	AP,NWM
	1800	460	449T	C400P2CB	\$37,500	DS-3CE	1.15	55.1	3025	96.2	434	09, AP,NWM

Note 09 Cylindrical Roller Bearing
 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

† All marks shown within this document are properties of their respective owners.



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 (with CE Mark) & 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; 5:1 (12-60hz) Constant Torque On Inverter Power

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

† All marks shown within this document are properties of their respective owners.



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 (with CE Mark) & 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 Regreasable Open Bearings, Brass 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 841 Standard 2009
- 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	

† All marks shown within this document are properties of their respective owners.



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	

† All marks shown within this document are properties of their respective owners.



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	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	
	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	2200	95.8	179		
	1200	460	447T	8D150P3CB	\$19,774	DS-841W	1.15	48.0	2200	95.8	179	09	
	200	3600	460	447TS	8D200P1CS	\$24,818	DS-841W	1.15	44.3	2200	95.4	222	
3600		575	447TS	8D200P1GS	\$24,818	DS-841W	1.15	44.3	2200	95.4	178		
1800		460	447T	8D200P2C	\$20,985	DS-841W	1.15	48.0	2200	96.2	226		
1800		460	447T	8D200P2CB	\$20,985	DS-841W	1.15	48.0	2200	96.2	226	09	
1800		460	447TS	8D200P2CS	\$20,985	DS-841W	1.15	48.0	2200	96.2	226		
1800		575	447T	8D200P2G	\$20,985	DS-841W	1.15	48.0	2200	96.2	181		
1800		575	447T	8D200P2GB	\$20,985	DS-841W	1.15	48.0	2200	96.2	181	09	
1200		460	449T	8D200P3C	\$26,128	DS-841W	1.15	53.0	2500	95.8	224		

† All marks shown within this document are properties of their respective owners.



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
300	3600	460	449TS	8D300P1CS	\$36,319	DS-841W	1.15	49.3	2500	95.4	327	
	1800	460	449T	8D300P2C	\$31,176	DS-841W	1.15	53.0	2500	96.2	326	
	1800	460	449T	8D300P2CB	\$26,985	DS-841W	1.15	53.0	2500	96.2	326	09
350	3600	460	449TS	8P350P1CS	\$43,125	DS-841	1.15	51.4	2800	95.8	374	AP,NWM
	1800	460	449T	8P350P2C	\$49,229	DS-841	1.15	55.1	2950	96.2	381	AP,NWM
	1800	460	449T	8P350P2CB	\$50,779	DS-841	1.15	55.1	2950	96.2	381	09,AP,NWM
400	3600	460	449TS	8P400P1CS	\$54,178	DS-841	1.15	51.4	2900	95.8	426	AP,NWM
	1800	460	449T	8P400P2C	\$48,227	DS-841	1.15	55.1	3025	96.2	434	09,AP,NWM

Note 09 Cylindrical Roller Bearing
 Note 11 6318/6313 Bearing System
 Note AP No F2 convertibility
 Note NWM Non-World Motor Construction

† All marks shown within this document are properties of their respective owners.



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 (with CE Mark) & 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 Regreasable Open Bearings, Brass 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 841 Standard 2009
- 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	

† All marks shown within this document are properties of their respective owners.



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
	1200(2400)		145TC	HD1V3BC	\$785	DS-VSTW	14.0	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
	1800(3600)		145TC	HD32V2BC	\$675	DS-VSTW	14.0	70	86.5	4.1/2.1	SGR
	1200(2400)		182TC	HD32V3BC	\$848	DS-VSTW	17.1	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
	1800(3600)		145TC	HD2V2BC	\$731	DS-VSTW	14.0	70	86.5	5.3/2.7	SGR
	1200(2400)		184TC	HD2V3BC	\$935	DS-VSTW	17.1	110	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
	1800(3600)		182TC	HD3V2BC	\$828	DS-VSTW	17.1	100	89.5	7.8/3.9	SGR
	1200(2400)		213TC	HD3V3BC	\$1,120	DS-VSTW	19.6	170	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
	1800(3600)		184TC	HD5V2BC	\$923	DS-VSTW	17.1	110	89.5	12.7/6.3	SGR
	1200(2400)		215TC	HD5V3BC	\$1,540	DS-VSTW	20.4	180	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)		213T	HD7V2B	\$1,055	DS-VSTW	19.6	150	91.7	19.1/9.6	SGR
	1200(2400)		254T	HD7V3B	\$1,873	DS-VSTW	24.9	230	91.0	18.8/9.4	SGR
10	3600(7200)	230/460	215T	HD10V1B	\$1,281	DS-VSTW	19.6	140	90.2	23.5/11.8	SGR
	1800(3600)		215T	HD10V2B	\$1,313	DS-VSTW	19.6	170	91.7	25.7/12.8	SGR
	1200(2400)		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)		254T	HD15V2B	\$1,757	DS-VSTW	24.9	250	92.4	36/18	SGR
	1200(2400)		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)		256T	HD20V2B	\$2,186	DS-VSTW	24.9	280	93.0	47/23.7	SGR
	1200(2400)		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)		284T	HD25V2B	\$2,571	DS-VSTW	27.5	330	93.6	58/29.2	SGR
	1200(2400)		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)		286T	HD30V2B	\$3,053	DS-VSTW	27.5	340	93.6	70/35	SGR
	1200(2400)		326T	HD30V3B	\$5,254	DS-VSTW	30.1	520	93.0	70/35	SGR

Note SGR Shaft Grounding Ring

† All marks shown within this document are properties of their respective owners.



**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
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
	1800(3600)	230/460	365T	HD75V2B	\$7,728	DS-VSTW	32.3	700	95.4	170/85	SGR
	1200(2400)	230/460	405T	HD75V3B	\$10,133	DS-VSTW	37.6	970	94.5	178/89	SGR
100	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
	1200(2400)	460	444T	HD100V3C	\$13,603	DS-VSTW	44.4	1450	95.0	120	SGR
125	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
	1200(2400)	460	445T	HD125V3C	\$16,895	DS-VSTW	44.4	1500	95.0	153	SGR
150	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
	1200(2400)	460	445T	HD150V3C	\$19,320	DS-VSTW	44.4	1650	95.8	179	SGR
200	3600(4500)	460	447TS	HD200V1CS	\$24,249	DS-VSTW	44.1	1540	95.4	222	SGR
	1800(3600)	460	447T	HD200V2C	\$20,503	DS-VSTW	47.9	1630	96.2	226	SGR

Note SGR Shaft Grounding Ring

† All marks shown within this document are properties of their respective owners.



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

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, CTI, CE

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

CE (400/440 Frame)

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
400	2066054	\$1,250	DS-3TE	12-1/2"	
440	2066353	\$1,583	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 NC Not CE
- Note NR Cannot Regrease

† All marks shown within this document are properties of their respective owners.

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, CTE

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

TCE, CTI, CE

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
180	2063393	\$267	DS-3TE	9"	40
210	2060204	\$342	DS-3TE	9"	40
250	2059696	\$475	DS-3TE	11"	40
280	2046248	\$542	DS-3TE	11"	

Note 40 Non-NEMA "BA" Dimension
 Note 41 Pulley End Bearing Clamp provision



World Motor Dripcover Kits

APPLICATIONS:

Provides protection to the motor in a vertical shaft down position.

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	2068936	\$1,250	DS-3TE	

Bearing Isolator/Grounding Seal MGS Kits by Inpro/Seal

Frame	Catalog Number	List	Discount Symbol	Notes
180	620281-000	\$867	DS-3TE	
210	620282-000	\$933	DS-3TE	
250	620283-000	\$983	DS-3TE	
280	620284-000	\$1,033	DS-3TE	
320	620285-000	\$1,167	DS-3TE	
360	620286-000	\$1,217	DS-3TE	
400	620287-000	\$1,300	DS-3TE	
440T	620290-000	\$1,550	DS-3TE	
440TS	620289-000	\$1,550	DS-3TE	

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

† All marks shown within this document are properties of their respective owners.

