

# 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

CEF

## 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	MHD05P1Y	\$1,153	DS-3HDI	1.0	493	68	89.2	18.2 / 10.5	
5.5 (7)	1500	230/400	132SM	MHD05P2Y	\$1,107	DS-3HDI	1.0	493	77	89.6	19.0 / 10.9	
5.5 (7)	1000	230/400	132SM	MHD05P3Y	\$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)	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	