

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY® IEC, IE3 Efficiency 60Hz

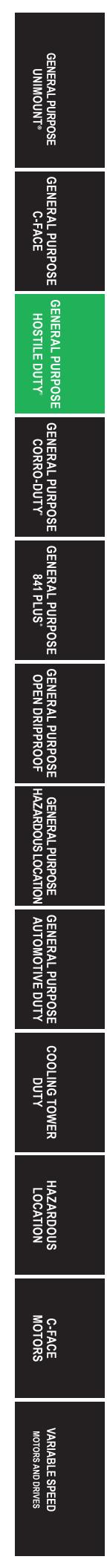
APPLICATIONS:

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 60 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 Start Delta Run sine applicable to all models.
- 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)	3600	230/460	90SL	MHD0075P1B	\$ 539	DS-3HDI	1.0	334	20	82.7	2.6/1.3	
0.75 (1)	3600	575	90SL	MHD0075P1G	\$ 539	DS-3HDI	1.0	334	20	82.7	1.1	
0.75 (1)	1800	230/460	90SL	MHD0075P2B	\$ 484	DS-3HDI	1.0	334	20	85.5	3.2/1.6	
0.75 (1)	1800	575	90SL	MHD0075P2G	\$ 484	DS-3HDI	1.0	334	20	85.5	1.3	
0.75 (1)	1200	230/460	90SL	MHD0075P3B	\$ 618	DS-3HDI	1.0	334	30	82.5	3.8/1.9	
0.75 (1)	1200	575	90SL	MHD0075P3G	\$ 618	DS-3HDI	1.0	334	30	82.5	1.5	
1.1 (1)	3600	230/460	90SL	MHD011P1B	\$ 539	DS-3HDI	1.0	334	20	84.0	3.8/1.9	
1.1 (1)	3600	575	90SL	MHD011P1G	\$ 539	DS-3HDI	1.0	334	20	84.0	1.5	
1.1 (1)	1800	230/460	90SL	MHD011P2B	\$ 517	DS-3HDI	1.0	334	30	86.5	4.4/2.2	
1.1 (1)	1800	575	90SL	MHD011P2G	\$ 517	DS-3HDI	1.0	334	30	86.5	1.7	
1.1 (1)	1200	230/460	112SM	MHD011P3B	\$ 695	DS-3HDI	1.0	405	40	87.5	4.4/2.2	
1.5 (2)	3600	230/460	90SL	MHD015P1B	\$ 560	DS-3HDI	1.0	334	30	85.5	5.0/2.5	
1.5 (2)	3600	575	90SL	MHD015P1G	\$ 560	DS-3HDI	1.0	334	30	85.5	2.0	
1.5 (2)	1800	230/460	90SL	MHD015P2B	\$ 568	DS-3HDI	1.0	334	30	86.5	5.8/2.9	
1.5 (2)	1800	575	90SL	MHD015P2G	\$ 568	DS-3HDI	1.0	334	30	86.5	2.3	
1.5 (2)	1200	230/460	112SM	MHD015P3B	\$ 793	DS-3HDI	1.0	425	50	88.5	6.1/3.1	
2.2 (3)	3600	230/460	90SL	MHD022P1B	\$ 690	DS-3HDI	1.0	334	30	86.5	7.1/3.5	
2.2 (3)	3600	575	90SL	MHD022P1G	\$ 690	DS-3HDI	1.0	334	30	86.5	2.8	
2.2 (3)	1800	230/460	112SM	MHD022P2B	\$ 620	DS-3HDI	1.0	405	50	89.5	7.6/3.8	
2.2 (3)	1200	230/460	132SM	MHD022P3B	\$ 1,130	DS-3HDI	1.0	493	70	89.5	8.7/4.4	
3.7 (5)	3600	230/460	112SM	MHD037P1B	\$ 771	DS-3HDI	1.0	405	50	88.5	12.2/6.1	
3.7 (5)	1800	230/460	112SM	MHD037P2B	\$ 707	DS-3HDI	1.0	425	50	89.5	12.7/6.4	
3.7 (5)	1200	230/460	132SM	MHD037P3B	\$ 1,273	DS-3HDI	1.0	493	80	89.5	15.2/7.6	
5.5 (7)	3600	230/460	132SM	MHD055P1B	\$ 1,003	DS-3HDI	1.0	493	60	89.5	17.7/8.8	
5.5 (7)	1800	230/460	132SM	MHD055P2B	\$ 963	DS-3HDI	1.0	493	80	91.7	18.7/9.3	
7.5 (10)	3600	230/460	132SM	MHD075P1B	\$ 1,170	DS-3HDI	1.0	493	70	90.2	23.8/11.9	
7.5 (10)	1800	230/460	132SM	MHD075P2B	\$ 1,199	DS-3HDI	1.0	531	90	91.7	25.2/12.6	
7.5 (10)	1200	230/460	160ML	MHD075P3B	\$ 2,032	DS-3HDI	1.0	642	120	91.0	24.9/12.5	
11 (15)	3600	230/460	160ML	MHD11P1B	\$ 1,646	DS-3HDI	1.0	642	110	91.0	34.0/17.1	
11 (15)	1800	230/460	160ML	MHD11P2B	\$ 1,604	DS-3HDI	1.0	642	120	92.4	35.0/17.6	
11 (15)	1200	230/460	160ML	MHD11P3B	\$ 2,686	DS-3HDI	1.0	642	150	91.7	38.0/19.0	
15 (20)	3600	230/460	160ML	MHD15P1B	\$ 2,041	DS-3HDI	1.0	642	120	91.1	46.0/23.2	
15 (20)	1800	230/460	160ML	MHD15P2B	\$ 1,996	DS-3HDI	1.0	642	140	93.0	47.0/23.5	
15 (20)	1200	230/460	180ML	MHD15P3B	\$ 3,301	DS-3HDI	1.0	691	180	91.7	49.0/24.4	
18.5 (25)	3600	230/460	160ML	MHD18P1B	\$ 2,127	DS-3HDI	1.0	642	140	91.7	56.0/28.1	
18.5 (25)	1800	230/460	180ML	MHD18P2B	\$ 2,348	DS-3HDI	1.0	691	160	93.6	58.0/29.0	
18.5 (25)	1200	230/460	200ML	MHD18P3B	\$ 4,217	DS-3HDI	1.0	742	230	93.2	58.0/29.1	
22 (30)	3600	230/460	180ML	MHD22P1B	\$ 2,911	DS-3HDI	1.0	691	160	91.7	67.0/34.0	
22 (30)	1800	230/460	180ML	MHD22P2B	\$ 2,788	DS-3HDI	1.0	691	170	93.6	69.0/35.0	
22 (30)	1200	230/460	200ML	MHD22P3B	\$ 4,797	DS-3HDI	1.0	742	250	93.2	69.0/34.0	
30 (40)	3600	230/460	200ML	MHD30P1B	\$ 3,431	DS-3HDI	1.0	742	220	93.0	67.0/34.0	
30 (40)	1800	230/460	200ML	MHD30P2B	\$ 3,327	DS-3HDI	1.0	742	240	94.7	91.0/45.0	
30 (40)	1200	230/460	225SM	MHD30P3B	\$ 5,315	DS-3HDI	1.0	810	320	94.3	93.0/47.0	
37 (50)	3600	230/460	200ML	MHD37P1B	\$ 4,598	DS-3HDI	1.0	742	230	93.8	110.0/55.0	
37 (50)	1800	230/460	225SM	MHD37P2B	\$ 4,131	DS-3HDI	1.0	810	300	94.8	113.0/57.0	
37 (50)	1200	230/460	250SM	MHD37P3B	\$ 6,610	DS-3HDI	1.0	911	490	94.9	118.0/59.0	
45 (60)	3600	230/460	225SM	MHD45P1B	\$ 5,913	DS-3HDI	1.0	781	300	93.6	133.0/67.0	
45 (60)	1800	230/460	225SM	MHD45P2B	\$ 5,779	DS-3HDI	1.0	810	310	95.2	137.0/69.0	
45 (60)	1200	230/460	280SM	MHD45P3B	\$ 7,776	DS-3HDI	1.0	1051	570	94.4	157.0/79.0	
55 (75)	3600	230/460	250SM	MHD55P1B	\$ 7,614	DS-3HDI	1.0	911	490	95.1	170.0/85.0	
55 (75)	1800	230/460	250SM	MHD55P2B	\$ 7,056	DS-3HDI	1.0	911	490	95.7	168.0/84.0	
55 (75)	1200	230/460	280SM	MHD55P3B	\$ 9,252	DS-3HDI	1.0	1051	600	94.5	192.0/96.0	
75 (100)	3600	460	280SM	MHD75P1C	\$ 10,206	DS-3HDI	1.0	1051	540	94.1	145.0	
75 (100)	1800	460	250SM	MHD75P2C	\$ 9,252	DS-3HDI	1.0	1051	570	95.4	117.0	
75 (100)	1800	460	280SM	MHD75P2CG	\$ 9,252	DS-3HDI	1.15	1051	570	95.4	117.0	
90 (125)	3600	460	280SM	MHD90P1C	\$ 12,780	DS-3HDI	1.0	1051	570	95.0	154.0	
90 (125)	1800	460	280SM	MHD90P2C	\$ 12,003	DS-3HDI	1.0	1051	600	95.5	141.0	



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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

			GENERAL PURPOSE HOSTILE DUTY®	GENERAL PURPOSE CORRO-DUTY®	GENERAL PURPOSE C-FACE MOTORS	HAZARDOUS LOCATION	COOLING TOWER DUTY	GENERAL PURPOSE AUTOMOTIVE DUTY	GENERAL PURPOSE HAZARDOUS LOCATION	GENERAL PURPOSE OPEN DRIPPROOF	GENERAL PURPOSE 841 PLUS®	
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	

