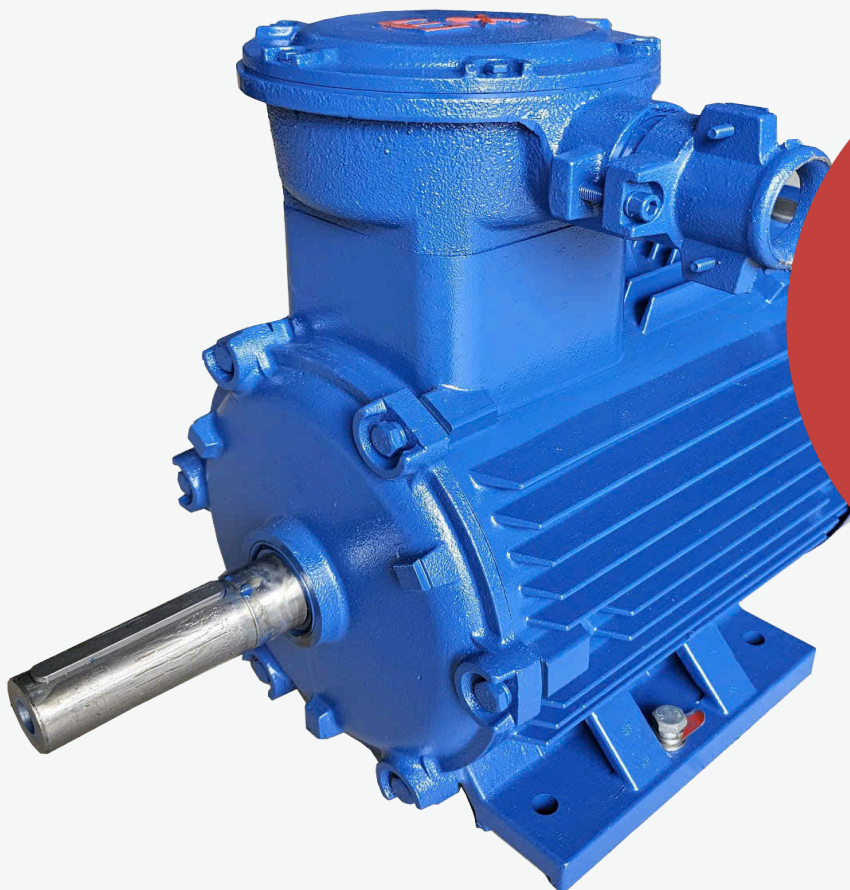


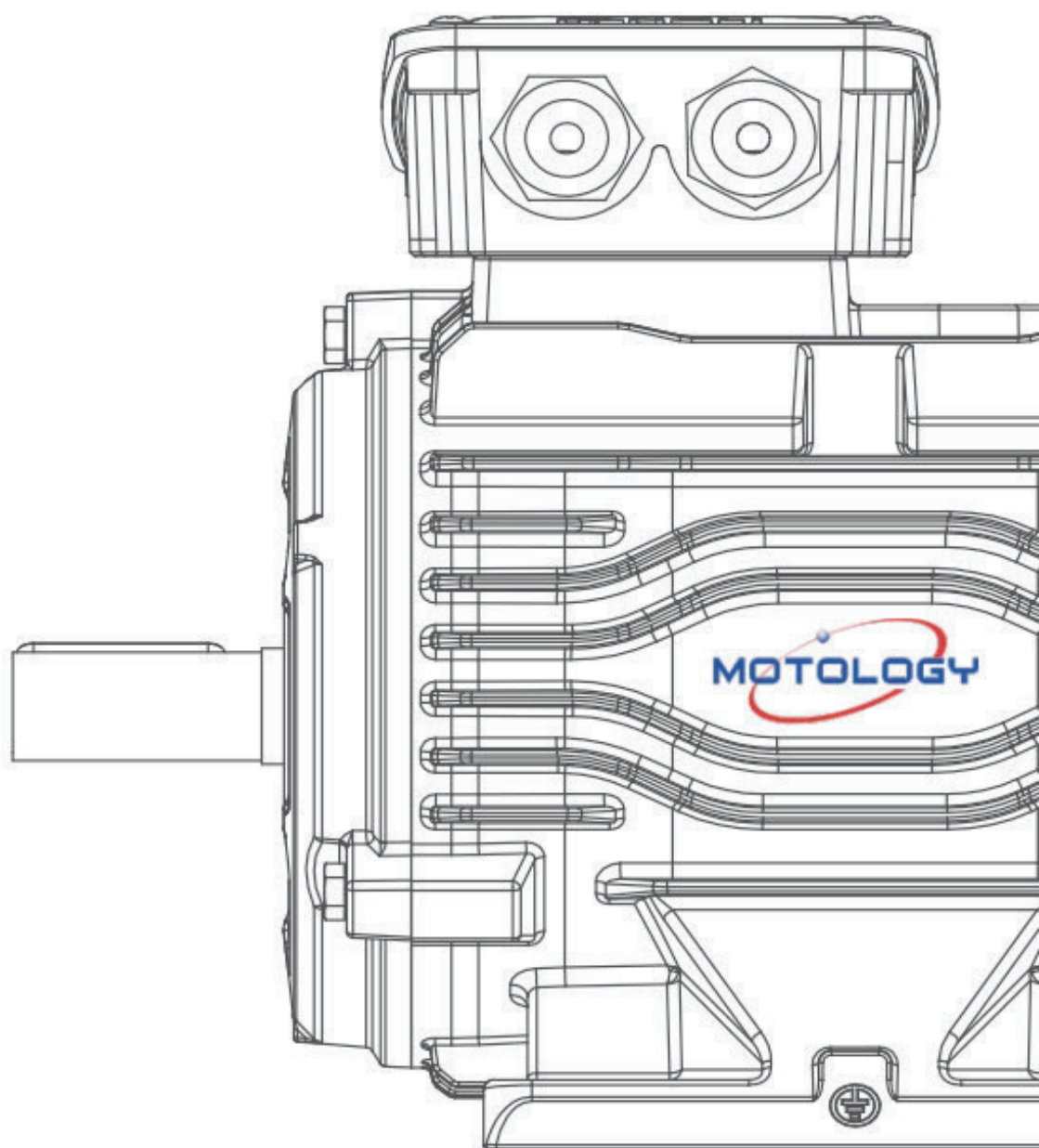
# EXD SERIES PREMIUM EFFICIENCY FLAMEPROOF



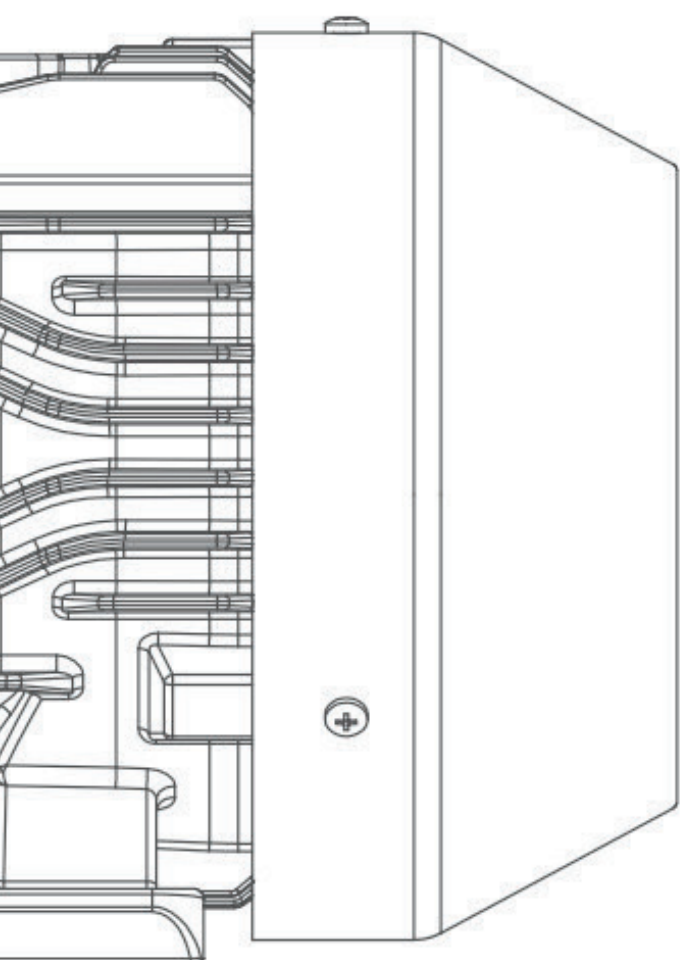
20  
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PRODUCT  
CATALOGUE







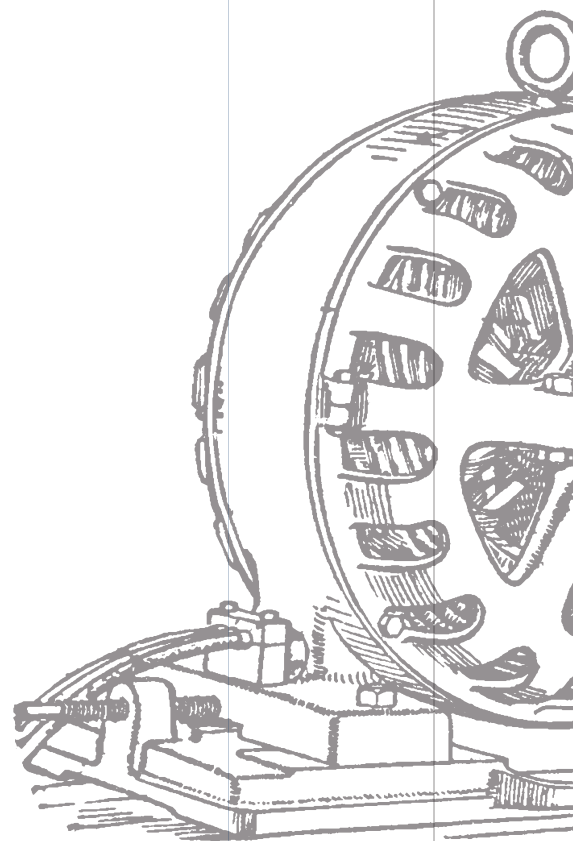


# ABOUT US

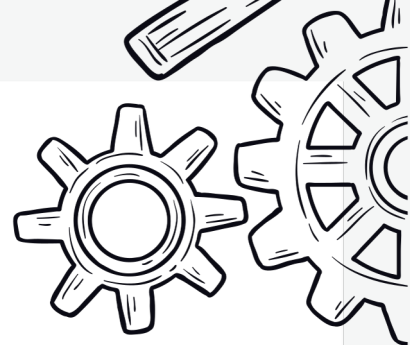


- Motology main core products consists of standard motors for the general purpose market and non-standard motors such as Certified Smoke Spill Motors(Class 'H'); 2 Speed motors, Explosion Proof Motors; Slip Ring Motors; Brake Motors; Inverter Run Motors; Marine Motors; TENV Motors and Single Phase Motors to suit the different requirements of the industry.
- Motology Industrial Solutions Co, Ltd (Vietnam) is to create synergy that will bring about better service and support closer to the customers in Vietnam and Asia.

- Motology Electric Pte Ltd was established in 2013 and is a joint venture of motor Group that has more than 24 years of electric motor manufacturing expertise.
- Motology Electric Pte Ltd has expanded with Malaysia branch office and warehouse (2014) as well as Indonesia two branches and warehouses (2013), Vietnam brand office and warehouse (2024). It's also has appointed Distributors and Agents all over Asia like the Philippines, Cambodia, Thailand, etc.



# DATA PERFORMANCE



## EXPLOSION PROOF MOTORS

**THREE-PHASE  
ASYNCHRONOUS MOTORS  
CAST IRON HOUSING**



### INDUCTION MOTORS

MEXD series premium efficiency flameproof three phase asynchronous motor is totally enclosed, fan-cooling, squirrel cage type. The efficiency class is in accordance with IEC60034-30 high efficiency standard. It has high operational safety, excellent performance, low noise and vibration and meets the need of environment protection.

MEXD series motor has the flameproof performance meeting the regulations of IEC79-1, as well as GB3836.1-2021 <part 1: general requirement of electric equipment applied under explosive atmospheres> and GB3836.2-2021 <part 2: flameproof d of electric equipment applied under explosive atmospheres>, .

MEXD series motor could be marked as Ex db I AT4/BT4 Mb, Ex db IIA T4/BT4/CT4 Gb. Ex db I AT4/BT4 Mb are applied in the non-excavation working condition and coal mine with methane or coal dust, Ex db IIA T4/BT4/CT4 Gb are applied in the condition of explosion-proof gas compound with Factory II type, Grade A & B & C, temperature T1, T2, T3, T4 and T5.

### OPTIONS

Ambient Temperature: -15°C ~ 40°C

Altitude: up to 1000 meters

Rated Power: 0.12kW-355kW

Frame Size: H63-H355

Frame Material: Cast Iron

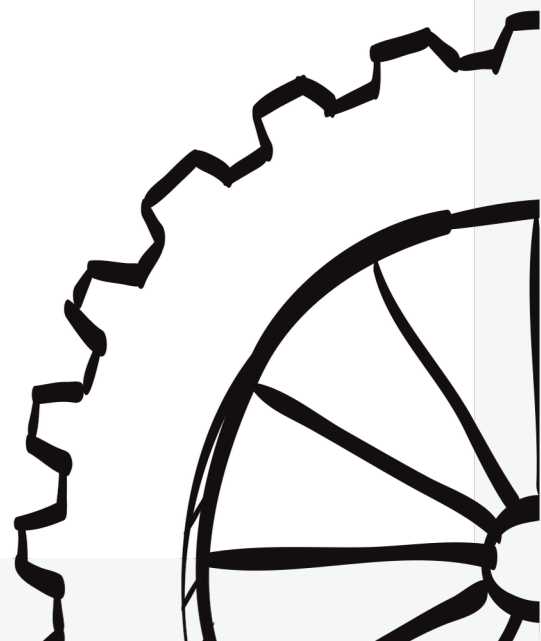
Rated Voltage: 220V-1140V

Rated Frequency: 50Hz/60Hz

Ingress Protection: IP54/IP55/IP56/IP65/IP66

Insulation Class: F/H

Work Duty: S1-S6



## Focus leading

### Specifications of Ignition Group for Flameproof Motors

GB3836.1/IEC60079-0/EN50014			
Igniton group		Igniton temperature	
T1		450	
T2		300	
T3		200	
T4		135	
T5		100	
T6		85	

### International Specifications of Explosion

Location	Code of Standard		
	GB1336-77	GB3836.1/IEC60079-1	CENELEC En50018
flameproof class			
For Mines	KB	d I	d I
For other Industries	B1	d II A	d II A
	B5	d II A	d II A
	B3	d II B	d II B
	B4	d II C	d II C

### To show the group of enclosures suitable for a particular flammable gas or vapour and classification

Group of enclosure	T1	T2	T3	T4	T5
I	Methane Ammonia Acetic acid	Butyl alcohol Acetic anhydride	Cyclohexane		
II A	Ethane Propane Acetone Styrene Benzene Methanol Toluene Carbon monoxide	Butane Ethanol Propene Butylacetate Amyl acetate Vinyl chloride Ethyl acetate	Pentane Hexane Heptane Octane Decane Hydrosulxide Gasoline	Ether Acetaldehyde	
II B	Hydrogen cyanide Coal gas	Ethylene oxide Butadiene Diethoxyethane Ethyene Acetylene	Isopentylens Dimethylether Butenal Ethanethiol	Ethylene methyl ether Ethyl oxide Butyl oxide Tetrafluoroethylene	Carbon disulfide
II C	Water gas Hydrogen				





## TECHNICAL DATA IE2 EXPLOSION PROOF MOTOR - 2 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque/ Rate Torque	Maximum torque/ Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP		RPM	380V	400V	415V	50% Load	75% Load		100% Load	Cost Φ	N.m	Tst/Tn	Tmax/Tn	Ist/In
MEXD2-63MA-2	0.18	0.25	2780	0.57	0.54	0.52	59.2	60.4	60.4	0.80	0.62	2.2	2.3	5.0	61	10
MEXD2-63MB-2	0.25	0.37	2780	0.72	0.69	0.66	63.5	64.8	64.8	0.81	0.86	2.2	2.3	5.0	61	11
MEXD2-71MA-2	0.37	0.5	2800	1.00	0.95	0.91	68.1	69.5	69.5	0.81	1.26	2.2	2.3	5.5	62	13
MEXD2-71MB-2	0.55	0.75	2800	1.36	1.29	1.24	72.6	74.1	74.1	0.82	1.88	2.2	2.3	5.5	62	14
MEXD2-80MA-2	0.75	1	2825	1.77	1.69	1.62	75.9	77.4	77.4	0.82	2.54	2.3	2.3	6.8	62	16
MEXD2-80MB-2	1.1	1.5	2825	2.50	2.37	2.29	78.0	79.6	79.6	0.83	3.72	2.3	2.3	7.1	62	18
MEXD2-90S-2	1.5	2	2840	3.34	3.17	3.06	79.7	81.3	81.3	0.84	5.04	2.3	2.3	7.3	67	22
MEXD2-90L-2	2.2	3	2840	4.73	4.49	4.33	81.5	83.2	83.2	0.85	7.40	2.3	2.3	7.6	67	26
MEXD2-100L-2	3	4	2870	6.19	5.88	5.67	82.9	84.6	84.6	0.87	9.98	2.2	2.3	7.8	74	33
MEXD2-112M-2	4	5.5	2880	8.05	7.65	7.37	84.1	85.8	85.8	0.88	13.3	2.2	2.3	8.1	77	41
MEXD2-132SA-2	5.5	7.5	2900	10.9	10.4	10.0	85.3	87.0	87.0	0.88	18.1	2.2	2.3	8.2	79	63
MEXD2-132SB-2	7.5	10	2900	14.7	14.0	13.5	86.3	88.1	88.1	0.89	24.7	2.2	2.3	7.8	79	67
MEXD2-160MA-2	11	15	2930	21.0	20.0	19.2	87.6	89.4	89.4	0.89	35.9	2.2	2.3	7.9	81	111
MEXD2-160MB-2	15	20	2930	28.4	26.9	26.0	88.5	90.3	90.3	0.89	48.9	2.2	2.3	7.9	81	121
MEXD2-160LB-2	18.5	25	2930	34.4	32.6	31.5	89.1	90.9	90.9	0.89	60.3	2.2	2.3	8.0	81	146
MEXD2-180MB-2	22	30	2940	40.7	38.6	37.2	89.5	91.3	91.3	0.89	71.5	2.2	2.3	8.1	83	178
MEXD2-200LA-2	30	40	2950	55.1	52.3	50.4	90.2	92.0	92.0	0.89	97.1	2.0	2.3	7.5	84	232
MEXD2-200LB-2	37	50	2950	67.5	64.2	61.8	90.7	92.5	92.5	0.89	119.8	2.0	2.3	7.5	84	251
MEXD2-225M-2	45	60	2960	81.8	77.7	74.9	91.0	92.9	92.9	0.89	145.2	2.2	2.3	7.5	86	308
MEXD2-250M-2	55	75	2965	99.6	94.6	91.2	91.3	93.2	93.2	0.89	177.2	2.2	2.3	7.6	89	405
MEXD2-280S-2	75	100	2970	135.0	128.2	123.6	91.9	93.8	93.8	0.89	241.2	1.8	2.3	6.9	91	540
MEXD2-280M-2	90	120	2970	159.7	151.7	146.2	92.2	94.1	94.1	0.89	289.4	1.8	2.3	6.9	91	594
MEXD2-315S-2	110	150	2975	194.8	185.0	178.3	92.4	94.3	94.3	0.90	353.1	1.8	2.2	7.0	92	929
MEXD2-315M-2	132	180	2975	233.0	221.3	213.3	92.7	94.6	94.6	0.90	423.7	1.8	2.2	7.0	92	1037
MEXD2-315LA-2	160	220	2975	278.7	264.8	255.2	92.9	94.8	94.8	0.91	513.6	1.8	2.2	7.1	92	1102
MEXD2-315LC-2	200	270	2975	347.7	330.3	318.4	93.1	95.0	95.0	0.91	642.0	1.8	2.2	7.1	92	1166
MEXD2-355MB-2	250	340	2980	434.6	412.9	398.0	93.1	95.0	95.0	0.91	801.2	1.6	2.2	7.1	104	1836
MEXD2-355LB-2	315	430	2980	547.6	520.2	501.4	93.1	95.0	95.0	0.91	1009.5	1.6	2.2	7.2	104	1998

## TECHNICAL DATA IE2 EXPLOSION PROOF MOTOR - 4 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost Φ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD2-63MB-4	0.18	0.25	1350	0.58	0.55	0.53	63.4	64.7	64.7	0.73	1.3	2.0	2.2	4.0	52	10
MEXD2-71MA-4	0.25	0.37	1380	0.75	0.71	0.69	67.1	68.5	68.5	0.74	1.7	2.0	2.2	4.0	55	11
MEXD2-71MB-4	0.37	0.5	1380	1.03	0.98	0.94	71.2	72.7	72.7	0.75	2.6	2.0	2.2	4.0	55	13
MEXD2-80MA-4	0.55	0.75	1390	1.45	1.37	1.32	75.6	77.1	77.1	0.75	3.8	2.4	2.3	5.2	58	16
MEXD2-80MB-4	0.75	1	1390	1.88	1.79	1.72	78.0	79.6	79.6	0.76	5.2	2.3	2.3	6.4	58	16
MEXD2-90S-4	1.1	1.5	1400	2.67	2.53	2.44	79.8	81.4	81.4	0.77	7.5	2.3	2.3	6.6	61	21
MEXD2-90L-4	1.5	2	1400	3.48	3.31	3.19	81.1	82.8	82.8	0.78	10.2	2.3	2.3	6.7	61	25
MEXD2-100LA-4	2.2	3	1420	4.90	4.65	4.48	82.6	84.3	84.3	0.80	14.8	2.3	2.3	7.3	64	32
MEXD2-100LB-4	3	4	1420	6.50	6.18	5.95	83.8	85.5	85.5	0.81	20.2	2.2	2.3	7.5	64	36
MEXD2-112M-4	4	5.5	1440	8.56	8.13	7.84	84.9	86.6	86.6	0.81	26.5	2.2	2.3	7.5	65	46
MEXD2-132S-4	5.5	7.5	1440	11.5	10.9	10.5	85.9	87.7	87.7	0.82	36.5	2.2	2.3	7.5	71	65
MEXD2-132M-4	7.5	10	1440	15.3	14.5	14.0	86.9	88.7	88.7	0.83	49.7	2.2	2.3	7.3	71	75
MEXD2-160M-4	11	15	1460	22.2	21.0	20.3	88.0	89.8	89.8	0.83	72.0	2.2	2.3	7.4	75	116
MEXD2-160L-4	15	20	1460	29.6	28.1	27.1	88.8	90.6	90.6	0.84	98.1	2.2	2.3	7.5	75	140
MEXD2-180M-4	18.5	25	1465	35.8	34.0	32.8	89.4	91.2	91.2	0.85	120.6	2.2	2.3	7.6	76	175
MEXD2-180L-4	22	30	1465	42.4	40.3	38.9	89.8	91.6	91.6	0.85	143.4	2.2	2.3	7.7	76	189
MEXD2-200L-4	30	40	1470	57.4	54.6	52.6	90.5	92.3	92.3	0.85	194.9	2.0	2.3	7.1	79	245
MEXD2-225S-4	37	50	1475	69.7	66.2	63.8	90.8	92.7	92.7	0.86	239.6	2.0	2.3	7.3	81	305
MEXD2-225M-4	45	60	1475	84.4	80.2	77.3	91.2	93.1	93.1	0.86	291.4	2.2	2.3	7.3	81	340
MEXD2-250M-4	55	75	1475	102.7	97.6	94.1	91.6	93.5	93.5	0.86	356.1	2.2	2.3	7.3	83	421
MEXD2-280S-4	75	100	1480	139.3	132.4	127.6	92.1	94.0	94.0	0.87	484.0	1.8	2.3	6.8	86	567
MEXD2-280M-4	90	120	1480	166.9	158.5	152.8	92.3	94.2	94.2	0.88	580.7	1.8	2.3	6.9	86	637
MEXD2-315S-4	110	150	1480	201.0	190.9	184.0	92.6	94.5	94.5	0.89	709.8	1.8	2.2	6.9	93	972
MEXD2-315M-4	132	180	1480	240.7	228.6	220.4	92.8	94.7	94.7	0.89	851.8	1.8	2.2	6.9	93	1080
MEXD2-315LA-4	160	220	1480	287.8	273.4	263.6	93.0	94.9	94.9	0.89	1032.4	1.8	2.2	6.9	97	1156
MEXD2-315LC-4	200	270	1480	359.0	341.1	328.7	93.2	95.1	95.1	0.90	1290.5	1.8	2.2	6.9	97	1231
MEXD2-355MB-4	250	340	1490	443.8	421.6	406.4	93.2	95.1	95.1	0.90	1602.3	1.6	2.2	6.9	101	1901
MEXD2-355LB-4	315	430	1490	559.2	531.2	512.0	93.2	95.1	95.1	0.90	2019.0	1.6	2.2	6.9	101	2074



## TECHNICAL DATA IE2 EXPLOSION PROOF MOTOR - 6 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency $\eta$ %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost $\Phi$	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD2-71MA-6	0.18	0.25	860	0.73	0.70	0.67	55.5	56.6	56.6	0.66	2.00	1.9	2.1	4.0	52	12
MEXD2-71MB-6	0.25	0.37	860	0.91	0.90	0.83	60.4	61.6	61.6	0.68	2.78	1.9	2.1	4.0	52	14
MEXD2-80MA-6	0.37	0.5	900	1.19	1.13	1.09	66.2	67.6	67.6	0.70	3.93	1.9	2.0	4.7	54	17
MEXD2-80MB-6	0.55	0.75	900	1.59	1.51	1.45	71.6	73.1	73.1	0.72	5.84	1.9	2.1	4.7	54	18
MEXD2-90S-6	0.75	1	910	2.09	1.98	1.91	74.4	75.9	75.9	0.71	7.87	2.0	2.1	5.8	57	22
MEXD2-90L-6	1.1	1.5	910	2.93	2.78	2.68	76.5	78.1	78.1	0.72	11.5	2.0	2.1	5.9	57	26
MEXD2-100L-6	1.5	2	930	3.81	3.62	3.49	78.2	79.8	79.8	0.72	15.4	2.0	2.1	5.9	61	31
MEXD2-112M-6	2.2	3	940	5.38	5.11	4.92	80.2	81.8	81.8	0.72	22.4	2.0	2.1	6.2	65	40
MEXD2-132S-6	3	4	960	7.20	6.84	6.59	81.6	83.3	83.3	0.72	29.9	2.0	2.1	6.4	69	57
MEXD2-132MA-6	4	5.5	960	9.45	8.98	8.66	82.9	84.6	84.6	0.74	39.8	2.0	2.1	6.6	69	69
MEXD2-132MB-6	5.5	7.5	960	12.6	12.0	11.6	84.3	86.0	86.0	0.75	54.7	2.0	2.1	6.8	69	78
MEXD2-160M-6	7.5	10	970	17.0	16.1	15.5	85.5	87.2	87.2	0.78	73.9	2.0	2.1	6.8	73	105
MEXD2-160L-6	11	15	970	24.2	22.9	22.1	86.9	88.7	88.7	0.79	108.3	2.0	2.1	6.9	73	136
MEXD2-180L-6	15	20	970	31.4	29.8	28.7	87.9	89.7	89.7	0.82	147.7	2.0	2.1	7.3	73	179
MEXD2-200LA-6	18.5	25	975	38.4	36.5	35.1	88.6	90.4	90.4	0.80	181.2	2.0	2.1	7.2	73	221
MEXD2-200LB-6	22	30	975	44.3	42.1	40.6	89.1	90.9	90.9	0.81	215.5	2.0	2.1	7.3	73	238
MEXD2-225M-6	30	40	980	59.2	56.2	54.2	89.9	91.7	91.7	0.82	292.3	2.0	2.1	6.8	74	313
MEXD2-250M-6	37	50	980	70.9	67.4	64.9	90.4	92.2	92.2	0.83	360.5	2.0	2.1	7.0	76	400
MEXD2-280S-6	45	60	980	85.8	81.5	78.5	90.8	92.7	92.7	0.85	438.5	2.0	2.0	7.2	78	529
MEXD2-280M-6	55	75	980	104.4	99.2	95.6	91.2	93.1	93.1	0.86	535.9	2.0	2.0	7.2	78	583
MEXD2-315S-6	75	100	985	141.4	134.3	129.5	91.8	93.7	93.7	0.84	727.1	2.0	2.0	6.5	83	918
MEXD2-315M-6	90	120	985	169.2	160.7	154.9	92.1	94.0	94.0	0.85	872.5	2.0	2.0	6.6	83	1037
MEXD2-315LA-6	110	150	985	206.1	195.8	188.7	92.4	94.3	94.3	0.85	1066.4	2.0	2.0	6.6	83	1145
MEXD2-315LB-6	132	180	985	243.7	231.5	223.1	92.7	94.6	94.6	0.86	1279.7	2.0	2.0	6.6	83	1210
MEXD2-355MA-6	160	220	990	291.4	276.8	266.8	92.9	94.8	94.8	0.86	1543.3	2.0	2.0	6.7	85	1814
MEXD2-355MC-6	200	270	990	363.5	345.3	332.8	93.1	95.0	95.0	0.86	1929.1	2.0	2.0	6.8	85	1922
MEXD2-355LB-6	250	340	990	454.4	431.6	416.0	93.1	95.0	95.0	0.86	2411.4	2.0	2.0	6.8	85	2106
MEXD2-400LA-6	315	430	990	572.5	543.9	524.2	93.1	95.0	95.0	0.86	3038.6	2.0	2.0	6.8	96	3078

## TECHNICAL DATA IE2 EXPLOSION PROOF MOTOR - 8 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency $\eta$ %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost $\Phi$	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD2-80MA-8	0.18	0.25	650	0.98	0.93	0.89	45.0	45.9	45.9	0.61	2.64	1.8	1.9	3.3	52	17
MEXD2-80MB-8	0.25	0.37	650	1.23	1.17	1.13	49.6	50.6	50.6	0.61	3.67	1.8	1.9	3.3	52	18
MEXD2-90S-8	0.37	0.5	660	1.64	1.56	1.50	55.0	56.1	56.1	0.61	5.35	1.8	1.9	4.0	56	22
MEXD2-90L-8	0.55	0.75	660	2.22	2.11	2.03	60.5	61.7	61.7	0.61	7.96	1.8	2.0	4.0	56	26
MEXD2-100LA-8	0.75	1	690	2.57	2.44	2.35	64.9	66.2	66.2	0.67	10.4	1.8	2.0	4.0	59	32
MEXD2-100LB-8	1.1	1.5	690	3.42	3.25	3.13	69.4	70.8	70.8	0.69	15.2	1.8	2.0	5.0	59	35
MEXD2-112M-8	1.5	2	700	4.46	4.23	4.08	72.6	74.1	74.1	0.69	20.5	1.8	2.0	5.0	61	43
MEXD2-132S-8	2.2	3	710	6.07	5.76	5.56	76.0	77.6	77.6	0.71	29.6	1.8	2.0	6.0	64	56
MEXD2-132M-8	3	4	710	7.81	7.41	7.15	78.4	80.0	80.0	0.73	40.4	1.8	2.0	6.0	64	68
MEXD2-160MA-8	4	5.5	720	10.20	9.66	9.31	80.3	81.9	81.9	0.73	53.1	1.9	2.0	6.0	68	97
MEXD2-160MB-8	5.5	7.5	720	13.50	12.8	12.3	82.1	83.8	83.8	0.74	73.0	2.0	2.0	6.0	68	108
MEXD2-160L-8	7.5	10	720	17.80	16.9	16.3	83.6	85.3	85.3	0.75	99.5	2.0	2.0	6.0	68	134
MEXD2-180L-8	11	15	730	25.30	24.0	23.2	85.2	86.9	86.9	0.76	143.9	2.0	2.0	6.6	70	173
MEXD2-200L-8	15	20	730	34.10	32.4	31.2	86.2	88.0	88.0	0.76	196.2	2.0	2.0	6.6	73	229
MEXD2-225S-8	18.5	25	730	41.70	39.7	38.2	86.8	88.6	88.6	0.76	242.0	1.9	2.0	6.6	73	275
MEXD2-225M-8	22	30	730	48.10	45.7	44.0	87.3	89.1	89.1	0.78	287.8	1.9	2.0	6.6	73	308
MEXD2-250M-8	30	40	735	64.30	61.0	58.8	88.0	89.8	89.8	0.79	389.8	1.9	2.0	6.6	75	400
MEXD2-280S-8	37	50	735	78.80	74.9	72.2	88.5	90.3	90.3	0.79	480.7	1.9	2.0	6.6	76	524
MEXD2-280M-8	45	60	735	95.40	90.7	87.4	88.9	90.7	90.7	0.79	584.7	1.9	2.0	6.6	76	583
MEXD2-315S-8	55	75	735	113.40	107.7	103.8	89.2	91.0	91.0	0.81	714.6	1.8	2.0	6.6	82	886
MEXD2-315M-8	75	100	735	153.60	145.9	140.6	89.8	91.6	91.6	0.81	974.5	1.8	2.0	6.6	82	1048
MEXD2-315LA-8	90	120	740	181.50	172.4	166.2	90.1	91.9	91.9	0.82	1161.5	1.8	2.0	6.6	82	1134
MEXD2-315LB-8	110	150	740	220.80	209.8	202.2	90.5	92.3	92.3	0.82	1419.6	1.8	2.0	6.4	82	1220
MEXD2-355MA-8	132	180	740	264.10	250.9	241.9	90.7	92.6	92.6	0.82	1703.5	1.8	2.0	6.4	90	1858
MEXD2-355MB-8	160	220	740	318.80	302.8	291.9	91.1	93.0	93.0	0.82	2064.9	1.8	2.0	6.4	90	1944
MEXD2-355LB-8	200	270	740	391.60	372.0	358.5	91.6	93.5	93.5	0.83	2581.1	1.8	2.0	6.4	90	2106
MEXD2-400LA-8	250	340	740	489.50	465.0	448.2	91.6	93.5	93.5	0.80	3226.4	1.6	2.5	6.0	95	3078
MEXD2-400LC-8	315	430	740	616.70	585.9	564.7	91.6	93.5	93.5	0.80	4065.2	1.6	2.5	6.0	98	3456

# TECHNICAL DATA IE2 EXPLOSION PROOF MOTOR - 10 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency $\eta$ %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost $\Phi$	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD2-315S-10	45	60	590	99.6	94.7	91.2	89.7	91.5	91.5	0.75	728.4	1.5	2.0	6.2	82	896
MEXD2-315M-10	55	75	590	121.1	115.1	110.9	89.9	92.0	92.0	0.75	890.3	1.5	2.0	6.2	82	1015
MEXD2-315LA-10	75	100	590	162.1	154.0	148.4	90.5	92.5	92.5	0.76	1214.0	1.5	2.0	6.2	82	1156
MEXD2-315LB-10	90	120	590	191.0	181.4	174.9	91.1	93.0	93.0	0.77	1456.8	1.5	2.0	6.2	82	1242
MEXD2-355MA-10	110	150	590	229.9	218.4	210.5	91.4	93.2	93.2	0.77	1780.5	1.3	2.0	6.0	90	1793
MEXD2-355MB-10	132	180	590	275.0	261.3	251.8	91.6	93.5	93.5	0.77	2136.6	1.3	2.0	6.0	90	1922
MEXD2-355LA-10	160	220	590	333.3	316.7	305.2	91.6	93.5	93.5	0.77	2589.8	1.3	2.0	6.0	90	2106
MEXD2-400LA-10	200	270	595	415.3	394.6	380.3	91.8	93.8	93.8	0.74	3210.1	1.4	1.6	6.0	93	3046
MEXD2-400LB-10	250	340	595	519.2	493.2	475.4	91.8	93.8	93.8	0.74	4012.6	1.4	1.6	6.0	93	3186
MEXD2-400LC-10	280	380	595	581.5	552.4	532.4	91.8	93.8	93.8	0.77	4494.1	1.4	1.6	6.0	97	3348
MEXD2-400LD-10	315	430	595	654.2	621.4	599.0	91.8	93.8	93.8	0.77	5055.9	1.4	1.6	6.0	97	3618
MEXD2-400LE-10	355	480	595	737.2	700.4	675.0	91.8	93.8	93.8	0.77	5697.9	1.3	1.6	6.0	97	3888
MEXD2-450LB-10	400	550	595	830.7	789.1	760.6	91.8	93.8	93.8	0.77	6420.2	1.3	1.6	6.0	97	4104
MEXD2-450LC-10	450	600	595	934.5	887.8	855.7	91.8	93.8	93.8	0.77	7222.7	1.3	1.6	6.0	97	4374
MEXD2-450LD-10	500	680	595	1038.3	986.4	950.8	91.8	93.8	93.8	0.77	8025.2	1.3	1.6	6.0	97	4644



TECHNICAL DATA IE3 EXPLOSION PROOF MOTOR - 2 POLES - 50HZ

Type	Rate Output		Full Load							Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight	
			Speed	Input Current (A)			Efficiency $\eta$ %			Power factor						
	KW	HP		RPM	380V	400V	415V	50% Load	75% Load	100% Load						Cost $\Phi$
MEXD3-63MA-2	0.18	0.25	2780	0.52	0.49	0.48	64.6	65.9	65.9	0.80	0.62	2.2	2.3	5.0	61	10
MEXD3-63MB-2	0.25	0.37	2780	0.67	0.64	0.62	68.3	69.7	69.7	0.81	0.86	2.2	2.3	5.0	61	11
MEXD3-71MA-2	0.37	0.5	2800	0.94	0.89	0.86	72.3	73.8	73.8	0.81	1.26	2.2	2.3	5.5	62	13
MEXD3-71MB-2	0.55	0.75	2800	1.29	1.23	1.18	76.2	77.8	77.8	0.83	1.88	2.2	2.3	5.5	62	14
MEXD3-80MA-2	0.75	1	2825	1.70	1.62	1.56	79.1	80.7	80.7	0.82	2.54	2.3	2.3	7.0	62	16
MEXD3-80MB-2	1.1	1.5	2825	2.41	2.29	2.20	81.0	82.7	82.7	0.83	3.72	2.2	2.3	7.3	62	18
MEXD3-90S-2	1.5	2	2840	3.22	3.06	2.95	82.5	84.2	84.2	0.84	5.04	2.2	2.3	7.6	67	22
MEXD3-90L-2	2.2	3	2840	4.58	4.35	4.19	84.2	85.9	85.9	0.85	7.40	2.2	2.3	7.6	67	26
MEXD3-100L-2	3	4	2870	6.02	5.71	5.51	85.4	87.1	87.1	0.87	9.98	2.2	2.3	7.8	74	33
MEXD3-112M-2	4	5.5	2880	7.84	7.45	7.18	86.3	88.1	88.1	0.88	13.3	2.2	2.3	8.3	77	41
MEXD3-132SA-2	5.5	7.5	2900	10.6	10.1	9.70	87.4	89.2	89.2	0.88	18.1	2.0	2.3	8.3	79	63
MEXD3-132SB-2	7.5	10	2900	14.4	13.7	13.2	88.3	90.1	90.1	0.88	24.7	2.0	2.3	7.9	79	67
MEXD3-160MA-2	11	15	2930	20.6	19.6	18.9	89.4	91.2	91.2	0.89	35.9	2.0	2.3	8.1	81	111
MEXD3-160MB-2	15	20	2930	27.9	26.5	25.5	90.1	91.9	91.9	0.89	48.9	2.0	2.3	8.1	81	121
MEXD3-160L-2	18.5	25	2930	34.2	32.5	31.3	90.6	92.4	92.4	0.89	60.3	2.0	2.3	8.2	81	146
MEXD3-180M-2	22	30	2940	40.5	38.5	37.1	90.8	92.7	92.7	0.89	71.5	2.0	2.3	8.2	83	178
MEXD3-200LA-2	30	40	2950	54.9	52.1	50.3	91.4	93.3	93.3	0.89	97.1	2.0	2.3	7.6	84	232
MEXD3-200LB-2	37	50	2950	67.4	64.0	61.7	91.8	93.7	93.7	0.89	119.8	2.0	2.3	7.6	84	251
MEXD3-225M-2	45	60	2960	80.8	76.8	74.0	92.1	94.0	94.0	0.90	145.2	2.0	2.3	7.7	86	308
MEXD3-250M-2	55	75	2965	98.5	93.5	90.2	92.4	94.3	94.3	0.90	177.2	2.0	2.3	7.7	89	405
MEXD3-280S-2	75	100	2970	133.7	127.0	122.4	92.8	94.7	94.7	0.90	241.2	1.8	2.3	7.1	91	540
MEXD3-280M-2	90	120	2970	159.9	151.9	146.4	93.1	95.0	95.0	0.90	289.4	1.8	2.3	7.1	91	594
MEXD3-315S-2	110	150	2975	195.1	185.3	178.6	93.3	95.2	95.2	0.90	353.1	1.8	2.3	7.1	92	929
MEXD3-315M-2	132	180	2975	233.6	221.9	213.9	93.5	95.4	95.4	0.90	423.7	1.8	2.3	7.1	92	1037
MEXD3-315LA-2	160	220	2975	279.4	265.5	255.9	93.7	95.6	95.6	0.91	513.6	1.8	2.3	7.2	92	1102
MEXD3-315LC-2	200	270	2975	348.6	331.1	19.2	93.9	95.8	95.8	0.91	642.0	1.8	2.2	7.2	92	1166
MEXD3-355MB-2	250	340	2980	435.7	413.9	399.0	93.9	95.8	95.8	0.91	801.2	1.6	2.2	7.2	100	1836
MEXD3-355LB-2	315	430	2980	549.0	521.5	502.7	93.9	95.8	95.8	0.91	1009.5	1.6	2.2	7.2	100	1998

TECHNICAL DATA IE3 EXPLOSION PROOF MOTOR - 4 POLES - 50HZ

Type	Rate Output		Full Load							Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight	
			Speed	Input Current (A)			Efficiency η %									Power factor
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost Φ						N.m
MEXD3-63MB-4	0.18	0.25	1350	0.54	0.51	0.49	68.5	69.9	69.9	0.73	1.27	2.0	2.2	4.0	52	10
MEXD3-71MA-4	0.25	0.37	1380	0.70	0.66	0.64	72.0	73.5	73.5	0.74	1.73	2.0	2.2	4.0	55	11
MEXD3-71MB-4	0.37	0.5	1380	0.97	0.92	0.89	75.8	77.3	77.3	0.75	2.56	2.0	2.2	4.0	55	13
MEXD3-80MA-4	0.55	0.75	1390	1.38	1.31	1.26	79.2	80.8	80.8	0.75	3.78	2.4	2.3	5.2	56	16
MEXD3-80MB-4	0.75	1	1390	1.84	1.75	1.69	80.9	82.5	82.5	0.75	5.15	2.3	2.3	6.6	56	16
MEXD3-90S-4	1.1	1.5	1400	2.61	2.48	2.39	82.4	84.1	84.1	0.76	7.50	2.3	2.3	6.8	59	21
MEXD3-90L-4	1.5	2	1400	3.47	3.30	3.18	83.6	85.3	85.3	0.77	10.2	2.3	2.3	7.0	59	25
MEXD3-100LA-4	2.2	3	1420	4.76	4.52	4.36	85.0	86.7	86.7	0.81	14.8	2.3	2.3	7.6	64	32
MEXD3-100LB-4	3	4	1420	6.34	6.02	5.80	85.9	87.7	87.7	0.82	20.2	2.3	2.3	7.6	64	36
MEXD3-112M-4	4	5.5	1440	8.37	7.95	7.66	86.8	88.6	88.6	0.82	26.5	2.2	2.3	7.8	65	46
MEXD3-132S-4	5.5	7.5	1440	11.2	10.7	10.3	87.8	89.6	89.6	0.83	36.5	2.0	2.3	7.9	71	65
MEXD3-132M-4	7.5	10	1440	15.0	14.3	13.7	88.6	90.4	90.4	0.84	49.7	2.0	2.3	7.5	71	75
MEXD3-160M-4	11	15	1460	21.5	20.4	19.7	89.6	91.4	91.4	0.85	72.0	2.2	2.3	7.7	73	116
MEXD3-160L-4	15	20	1460	28.8	27.3	26.3	90.3	92.1	92.1	0.86	98.1	2.2	2.3	7.8	73	140
MEXD3-180M-4	18.5	25	1465	35.3	33.5	32.3	90.7	92.6	92.6	0.86	120.6	2.0	2.3	7.8	76	175
MEXD3-180L-4	22	30	1465	41.8	39.7	38.3	91.1	93.0	93.0	0.86	143.4	2.0	2.3	7.8	76	189
MEXD3-200L-4	30	40	1470	56.6	53.8	51.9	91.7	93.6	93.6	0.86	194.9	2.0	2.3	7.3	76	245
MEXD3-225S-4	37	50	1475	69.6	66.1	63.7	92.0	93.9	93.9	0.86	239.6	2.0	2.3	7.4	78	305
MEXD3-225M-4	45	60	1475	84.4	80.2	77.3	92.3	94.2	94.2	0.86	291.4	2.0	2.3	7.4	78	340
MEXD3-250M-4	55	75	1475	102.7	97.6	94.1	92.7	94.6	94.6	0.86	356.1	2.2	2.3	7.4	79	421
MEXD3-280S-4	75	100	1480	136.3	129.5	124.8	93.1	95.0	95.0	0.88	484.0	2.0	2.3	6.9	80	567
MEXD3-280M-4	90	120	1480	163.2	155.1	149.5	93.3	95.2	95.2	0.88	580.7	2.0	2.3	6.9	80	637
MEXD3-315S-4	110	150	1480	196.8	187.0	180.2	93.5	95.4	95.4	0.89	709.8	2.0	2.2	7.0	88	972
MEXD3-315M-4	132	180	1480	235.7	223.9	215.8	93.7	95.6	95.6	0.89	851.8	2.0	2.2	7.0	88	1080
MEXD3-315LA-4	160	220	1480	285.1	270.9	261.1	93.9	95.8	95.8	0.89	1032.4	2.0	2.2	7.1	88	1156
MEXD3-315LC-4	200	270	1480	3517.0	334.1	322	94.1	96.0	96.0	0.9	1290.5	2.0	2.2	7.1	88	1231
MEXD3-355MA-4	250	340	1490	439.6	417.7	402.6	94.1	96.0	96.0	0.9	1602.3	2.0	2.2	7.1	95	1901
MEXD3-355LB-4	315	430	1490	553.9	526.2	507.2	94.1	96.0	96.0	0.9	2019.0	2.0	2.2	7.1	102	2074



## TECHNICAL DATA IE3 EXPLOSION PROOF MOTOR - 6 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost Φ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD3-71MA-6	0.18	0.25	860	0.65	0.62	0.59	62.6	63.9	63.9	0.66	2.00	1.9	2.1	4.0	52	12
MEXD3-71MB-6	0.25	0.37	860	0.81	0.77	0.75	67.2	68.6	68.6	0.68	2.80	1.9	2.1	4.0	52	14
MEXD3-80MA-6	0.37	0.5	900	1.09	1.04	1.00	72.0	73.5	73.5	0.70	3.90	1.9	2.0	4.7	54	17
MEXD3-80MB-6	0.55	0.75	900	1.50	1.43	1.38	75.7	77.2	77.2	0.72	5.80	1.9	2.1	4.7	54	18
MEXD3-90S-6	0.75	1	910	2.03	1.93	1.86	77.3	78.9	78.9	0.71	7.90	2.0	2.1	6.0	57	22
MEXD3-90L-6	1.1	1.5	910	2.91	2.76	2.66	79.4	81.0	81.0	0.73	11.5	2.0	2.1	6.0	57	26
MEXD3-100L-6	1.5	2	930	3.78	3.60	3.47	80.9	82.5	82.5	0.73	15.4	2.0	2.1	6.5	61	31
MEXD3-112M-6	2.2	3	940	5.36	5.09	4.91	82.6	84.3	84.3	0.74	22.4	2.0	2.1	6.6	65	40
MEXD3-132S-6	3	4	960	7.20	6.84	6.59	83.9	85.6	85.6	0.74	29.9	2.0	2.1	6.8	69	57
MEXD3-132MA-6	4	5.5	960	9.46	8.99	8.66	95.1	86.8	86.8	0.74	39.8	2.0	2.1	6.8	69	69
MEXD3-132MB-6	5.5	7.5	960	12.7	12.0	11.6	86.2	88.0	88.0	0.75	54.7	2.0	2.1	7.0	69	78
MEXD3-160M-6	7.5	10	970	16.2	15.4	14.8	87.3	89.1	89.1	0.79	73.9	2.0	2.1	7.0	73	105
MEXD3-160L-6	11	15	970	23.1	22.0	21.2	88.5	90.3	90.3	0.8	108.3	2.0	2.1	7.2	73	136
MEXD3-180L-6	15	20	970	30.9	29.3	28.2	89.4	91.2	91.2	0.81	147.7	2.0	2.1	7.3	73	179
MEXD3-200LA-6	18.5	25	975	37.8	36.0	34.7	89.9	91.7	91.7	0.81	181.2	2.0	2.1	7.3	76	221
MEXD3-200LB-6	22	30	975	44.8	42.5	41.0	90.4	92.2	92.2	0.81	215.5	2.0	2.1	7.4	76	238
MEXD3-225M-6	30	40	980	59.1	56.2	54.1	91.0	92.9	92.9	0.83	292.3	2.0	2.1	6.9	76	313
MEXD3-250M-6	37	50	980	71.7	68.1	65.7	91.4	93.3	93.3	0.84	360.5	2.0	2.1	7.1	78	400
MEXD3-280S-6	45	60	980	85.8	81.6	78.6	91.8	93.7	93.7	0.85	438.5	2.0	2.0	7.3	80	529
MEXD3-280M-6	55	75	980	103.3	98.1	94.6	92.2	94.1	94.1	0.86	535.9	2.0	2.0	7.3	80	583
MEXD3-315S-6	75	100	985	143.4	136.2	131.3	92.7	94.6	94.6	0.84	727.1	2.0	2.0	6.6	85	918
MEXD3-315M-6	90	120	985	169.5	161.0	155.2	93.0	94.9	94.9	0.85	872.5	2.0	2.0	6.7	85	1037
MEXD3-315LA-6	110	150	985	206.8	196.4	189.3	93.2	95.1	95.1	0.85	1066.4	2.0	2.0	6.7	85	1145
MEXD3-315LB-6	132	180	985	244.5	232.2	223.8	93.5	95.4	95.4	0.86	1279.7	2.0	2.0	6.8	85	1210
MEXD3-355MA-6	160	220	990	295.7	280.9	270.7	93.7	95.6	95.6	0.86	1543.3	1.8	2.0	6.8	92	1814
MEXD3-355MC-6	200	270	990	364.6	346.4	333.8	93.9	95.8	95.8	0.87	1929.1	1.8	2.0	6.8	92	1922
MEXD3-355LA-6	250	340	990	455.7	433.0	417.3	93.9	95.8	95.8	0.87	2411.4	1.8	2.0	6.8	92	2106
MEXD3-400LA-6	315	430	990	609.3	578.8	557.9	93.9	95.8	95.8	0.86	3038.6	1.8	2.0	6.8	96	3078

## TECHNICAL DATA IE3 EXPLOSION PROOF MOTOR - 8 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost Φ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD3-80MA-8	0.18	0.25	650	0.76	0.73	0.70	57.5	58.7	58.7	0.61	2.64	1.8	1.9	3.3	52	17
MEXD3-80MB-8	0.25	0.37	650	0.97	0.92	0.89	62.8	64.1	64.1	0.61	3.67	1.8	1.9	3.3	52	18
MEXD3-90S-8	0.37	0.5	660	1.33	1.26	1.22	67.9	69.3	69.3	0.61	5.35	1.8	1.9	4.0	56	22
MEXD3-90L-8	0.55	0.75	660	1.88	1.78	1.72	71.5	73.0	73.0	0.61	8.0	1.8	2.0	4.0	56	26
MEXD3-100LA-8	0.75	1	690	2.27	2.15	2.08	73.5	75.0	75.0	0.67	10.4	1.8	2.0	4.0	59	32
MEXD3-100LB-8	1.1	1.5	690	3.12	2.96	2.85	76.1	77.7	77.7	0.69	15.2	1.8	2.0	5.0	59	35
MEXD3-112M-8	1.5	2	700	4.09	3.88	3.74	78.1	79.7	79.7	0.70	20.0	1.8	2.0	5.0	61	43
MEXD3-132S-8	2.2	3	710	5.75	5.46	5.26	80.3	81.9	81.9	0.71	29.6	1.8	2.0	6.0	64	56
MEXD3-132M-8	3	4	710	7.48	7.10	6.85	81.8	83.5	83.5	0.73	40.4	1.8	2.0	6.0	64	68
MEXD3-160MA-8	4	5.5	720	9.80	9.33	8.99	83.1	84.8	84.8	0.73	53.1	1.9	2.0	6.0	68	97
MEXD3-160MB-8	5.5	7.5	720	13.1	12.4	12.0	84.5	86.2	86.2	0.74	73.0	2.0	2.0	6.0	68	108
MEXD3-160L-8	7.5	10	720	17.4	16.5	15.9	85.6	87.3	87.3	0.75	99.5	2.0	2.0	6.0	68	134
MEXD3-180L-8	11	15	730	25.2	23.9	23.0	86.8	88.6	88.6	0.75	143.9	2.0	2.0	6.6	70	173
MEXD3-200L-8	15	20	730	33.5	31.8	30.6	87.8	89.6	89.6	0.76	196.2	2.0	2.0	6.6	73	229
MEXD3-225S-8	18.5	25	730	41.0	39.0	37.6	88.3	90.1	90.1	0.76	242	1.9	2.0	6.6	73	275
MEXD3-225M-8	22	30	730	47.3	44.9	43.3	88.8	90.6	90.6	0.78	287.8	1.9	2.0	6.6	73	308
MEXD3-250M-8	30	40	735	63.2	60.0	57.9	89.5	91.3	91.3	0.78	389.8	1.9	2.0	6.6	75	400
MEXD3-280S-8	37	50	735	77.5	73.6	71.0	90.0	91.8	91.8	0.79	480.7	1.9	2.0	6.6	76	524
MEXD3-280M-8	45	60	735	93.9	89.2	86.0	90.4	92.2	92.2	0.79	584.7	1.9	2.0	6.6	76	583
MEXD3-315S-8	55	75	735	111.5	106.0	102.1	90.7	92.5	92.5	0.81	714.6	1.8	2.0	6.6	82	886
MEXD3-315M-8	75	100	735	151.1	143.6	138.4	91.2	93.1	93.1	0.81	974.5	1.8	2.0	6.6	82	1048
MEXD3-315LA-8	90	120	740	178.5	169.6	163.5	91.5	93.4	93.4	0.82	1161.5	1.8	2.0	6.6	82	1134
MEXD3-315LB-8	110	150	740	217.5	206.6	199.2	91.8	93.7	93.7	0.82	1419.6	1.8	2.0	6.4	82	1220
MEXD3-355MA-8	132	180	740	260.2	247.2	238.3	92.1	94.0	94.0	0.82	1703.5	1.8	2.0	6.4	90	1858
MEXD3-355MB-8	160	220	740	314.4	298.7	287.9	92.4	94.3	94.3	0.82	2064.9	1.8	2.0	6.4	90	1944
MEXD3-355LB-8	200	270	740	387.0	367.7	354.4	92.7	94.6	94.6	0.83	2581.1	1.8	2.0	6.4	90	2106
MEXD3-400LA-8	250	340	740	501.9	476.8	459.6	92.7	94.6	94.6	0.80	3226.4	1.6	1.8	6.0	95	3078
MEXD3-400LC-8	315	430	740	632.4	600.8	579.1	92.7	94.6	94.6	0.80	4065.2	1.6	1.8	6.0	98	3456

## TECHNICAL DATA IE3 EXPLOSION PROOF MOTOR - 10 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost Φ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD3-315S-10	45	60	590	99.1	94.1	90.7	90.4	92.0	92.0	0.75	728.4	1.5	2.0	6.2	82	896
MEXD3—315M -10	55	75	590	121.1	115.1	110.9	90.4	92.0	92.0	0.75	890.3	1.5	2.0	6.2	82	1015
MEXD3-315LA-10	75	100	590	161.6	153.5	147.9	90.7	92.8	92.8	0.76	1214.0	1.5	2.0	6.2	82	1156
MEXD3-315LB-10	90	120	590	191.0	181.4	174.7	91.2	93.0	93.0	0.77	1456.8	1.5	2.0	6.2	82	1242
MEXD3-355MA-10	110	150	590	229.7	218.2	210.3	91.3	93.3	93.3	0.78	1780.5	1.3	2.0	6.0	90	1793
MEXD3-355MB-10	132	180	590	274.1	260.4	251.0	91.5	93.8	93.8	0.78	2136.6	1.3	2.0	6.0	90	1922
MEXD3-355LA-10	160	220	590	332.3	315.7	304.2	91.5	93.8	93.8	0.78	2589.8	1.3	2.0	6.0	90	2106
MEXD3-400LA-10	200	270	595	437.8	415.9	400.9	91.5	93.8	93.8	0.74	3210.1	1.2	1.6	5.5	93	3046
MEXD3-400LB-10	250	340	595	547.2	519.9	501.1	91.5	93.8	93.8	0.74	4012.6	1.2	1.6	5.5	93	3186
MEXD3-400LC-10	280	380	595	612.9	582.3	561.2	91.5	93.8	93.8	0.74	4494.1	1.2	1.6	5.5	97	3348
MEXD3-400LD-10	315	430	595	662.7	629.5	606.8	91.5	93.8	93.8	0.77	5055.9	1.2	1.6	5.5	97	3618
MEXD3-400LE-10	355	480	595	746.8	709.5	683.8	91.8	93.8	93.8	0.77	5697.9	1.2	1.6	5.5	97	3888
MEXD3-450LB-10	400	550	595	841.6	799.4	770.5	91.8	93.8	93.8	0.77	6420.2	1.2	1.6	5.5	97	4104
MEXD3-450LC-10	450	600	595	946.6	899.3	866.8	91.8	93.8	93.8	0.77	7222.7	1.2	1.6	5.5	97	4374
MEXD3-450LD-10	500	680	595	1051.8	999.2	963.1	91.8	93.8	93.8	0.77	8025.2	1.2	1.6	5.5	97	4644



# TECHNICAL DATA IE4 EXPLOSION PROOF MOTOR - 2 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost Φ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD4-63MA-2	0.18	0.25	2780	0.48	0.46	0.44	69.4	70.8	70.8	0.80	0.62	2.2	2.3	5.0	61	10
MEXD4-63MB-2	0.25	0.37	2780	0.63	0.60	0.58	72.8	74.3	74.3	0.81	0.86	2.2	2.3	5.0	61	11
MEXD4-71MA-2	0.37	0.5	2800	0.89	0.84	0.81	76.5	78.1	78.1	0.81	1.26	2.2	2.3	5.5	64	13
MEXD4-71MB-2	0.55	0.75	2800	1.24	1.17	1.13	79.9	81.5	81.5	0.83	1.88	2.2	2.3	5.5	64	14
MEXD4-80MA-2	0.75	1	2825	1.64	1.56	1.51	81.8	83.5	83.5	0.83	2.54	2.2	2.3	8.5	62	16
MEXD4-80MB-2	1.1	1.5	2825	2.39	2.27	2.19	83.5	85.2	85.2	0.83	3.72	2.2	2.3	8.5	62	18
MEXD4-90S-2	1.5	2	2840	3.14	2.98	2.87	84.8	86.5	86.5	0.85	5.04	2.2	2.3	9.0	67	22
MEXD4-90L-2	2.2	3	2840	4.47	4.25	4.09	86.2	88.0	88.0	0.86	7.40	2.2	2.3	9.0	67	26
MEXD4-100LB	3	4	2870	5.88	5.59	5.38	87.3	89.1	89.1	0.87	9.98	2.2	2.3	9.5	74	33
MEXD4-112M-2	4	5.5	2880	7.67	7.29	7.03	88.2	90.0	90.0	0.88	13.3	2.2	2.3	9.5	77	41
MEXD4-132SA-2	5.5	7.5	2900	10.4	9.90	9.60	89.1	90.9	90.9	0.88	18.1	2.0	2.3	9.5	79	63
MEXD4-132SB-2	7.5	10	2900	14.1	13.4	12.9	89.9	91.7	91.7	0.89	24.7	2.0	2.3	9.5	79	67
MEXD4-160MA-2	11	15	2930	20.3	19.3	18.6	90.7	92.6	92.6	0.89	35.9	2.0	2.3	9.5	81	111
MEXD4-160MB-2	15	20	2930	27.4	26.1	25.1	91.4	93.3	93.3	0.89	48.9	2.0	2.3	9.5	81	121
MEXD4-160L-2	18.5	25	2930	33.7	32.0	30.9	91.8	93.7	93.7	0.89	60.3	2.0	2.3	9.5	81	146
MEXD4-180M-2	22	30	2940	40.0	38.0	36.6	92.1	94.0	94.0	0.89	71.5	2.0	2.3	9.5	83	178
MEXD4-200LA-2	30	40	2950	54.2	51.5	49.6	92.6	94.5	94.5	0.89	97.1	2.0	2.3	9.0	84	232
MEXD4-200LB-2	37	50	2950	66.6	63.3	61.0	92.9	94.8	94.8	0.89	119.8	2.0	2.3	9.0	84	251
MEXD4-225M-2	45	60	2960	80.9	76.8	74.0	93.1	95.0	95.0	0.89	145.2	2.0	2.3	9.0	86	308
MEXD4-250M-2	55	75	2965	98.5	93.6	90.2	93.4	95.3	95.3	0.89	177.2	2.0	2.3	9.0	89	405
MEXD4-280S-2	75	100	2970	133.9	127.2	122.6	93.7	95.6	95.6	0.89	241.2	1.8	2.3	8.5	91	540
MEXD4-280M-2	90	120	2970	160.4	152.4	146.9	93.9	95.8	95.8	0.89	289.4	1.8	2.3	8.5	91	594
MEXD4-315S-2	110	150	2975	195.6	185.8	179.1	94.1	96.0	96.0	0.89	353.1	1.8	2.2	8.5	92	929
MEXD4-315M-2	132	180	2975	234.2	222.5	214.5	94.3	96.2	96.2	0.89	423.7	1.8	2.2	8.5	92	1037
MEXD4-315LA-2	160	220	2975	283.6	269.5	259.7	94.4	96.3	96.3	0.89	513.6	1.8	2.2	8.5	92	1102
MEXD4-315LC-2	200	270	2975	353.8	336.1	324.0	94.6	96.5	96.5	0.89	642.0	1.8	2.2	8.5	92	1166
MEXD4-355MB-2	250	340	2980	432.6	410.9	396.1	94.6	96.5	96.5	0.91	801.2	1.6	2.2	8.5	97	1836
MEXD4-355LB-2	315	430	2980	545.0	517.8	499.1	94.6	96.5	96.5	0.91	1009.5	1.6	2.2	8.5	97	1998

# TECHNICAL DATA IE4 EXPLOSION PROOF MOTOR - 4 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency $\eta$ %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost $\Phi$	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD4-63MB-4	0.18	0.25	1350	0.50	0.48	0.46	73.2	74.7	74.7	0.73	1.27	2.0	2.2	4.0	52	10
MEXD4-71MA-4	0.25	0.37	1380	0.66	0.63	0.60	76.3	77.9	77.9	0.74	1.73	2.0	2.2	4.0	55	11
MEXD4-71MB-4	0.37	0.5	1380	0.92	0.88	0.85	79.5	81.1	81.1	0.75	2.56	2.0	2.2	4.0	55	13
MEXD4-80MA-4	0.55	0.75	1390	1.33	1.26	1.22	82.2	83.9	83.9	0.75	3.78	2.4	2.3	5.2	56	16
MEXD4-80MB-4	0.75	1	1390	1.75	1.66	1.60	84.0	85.7	85.7	0.74	5.15	2.3	2.3	8.5	56	16
MEXD4-90S-4	1.1	1.5	1400	2.49	2.36	2.28	85.5	87.2	87.2	0.75	7.50	2.3	2.3	8.5	59	21
MEXD4-90L-4	1.5	2	1400	3.27	3.11	3.00	86.4	88.2	88.2	0.76	10.2	2.3	2.3	9.0	59	25
MEXD4-100LA-4	2.2	3	1420	4.61	4.38	4.22	87.7	89.5	89.5	0.79	14.8	2.3	2.3	9.0	64	32
MEXD4-100LB-4	3	4	1420	6.15	5.84	5.63	88.6	90.4	90.4	0.80	20.2	2.3	2.3	9.5	64	36
MEXD4-112M-4	4	5.5	1440	8.14	7.73	7.45	89.3	91.1	91.1	0.80	26.5	2.3	2.3	9.5	65	46
MEXD4-132S-4	5.5	7.5	1440	11.0	10.4	10.0	90.1	91.9	91.9	0.80	36.5	2.0	2.3	9.5	71	65
MEXD4-132M-4	7.5	10	1440	14.7	13.9	13.4	90.7	92.6	92.6	0.81	49.7	2.0	2.3	9.5	71	75
MEXD4-160M-4	11	15	1460	21.3	20.3	19.5	91.4	93.3	93.3	0.83	72.0	2.0	2.3	9.5	73	116
MEXD4-160L-4	15	20	1460	28.6	27.1	26.1	92.0	93.9	93.9	0.84	98.1	2.0	2.3	9.5	73	140
MEXD4-180M-4	18.5	25	1465	34.7	33.0	31.8	92.3	94.2	94.2	0.85	120.6	2.0	2.3	9.5	73	175
MEXD4-180L-4	22	30	1465	41.1	39.1	37.7	92.6	94.5	94.5	0.85	143.4	2.0	2.3	9.5	73	189
MEXD4-200L-4	30	40	1470	55.9	53.1	51.1	93.0	94.9	94.9	0.85	194.9	2.0	2.3	9.0	76	245
MEXD4-225S-4	37	50	1475	67.9	64.5	62.2	93.3	95.2	95.2	0.85	239.6	2.0	2.3	9.0	78	305
MEXD4-225M-4	45	60	1475	82.4	78.3	75.4	93.5	95.4	95.4	0.85	291.4	2.0	2.3	9.0	78	340
MEXD4-250M-4	55	75	1475	100.4	95.4	91.9	93.8	95.7	95.7	0.86	356.1	2.0	2.3	9.0	79	421
MEXD4-280S-4	75	100	1480	136.4	129.6	124.9	94.1	96.0	96.0	0.87	484.0	2.0	2.3	8.5	80	567
MEXD4-280M-4	90	120	1480	163.6	155.4	149.8	94.2	96.1	96.1	0.88	580.7	2.0	2.3	8.5	80	637
MEXD4-315S-4	110	150	1480	197.2	187.4	180.6	94.4	96.3	96.3	0.89	709.8	1.8	2.2	8.5	88	972
MEXD4-315M-4	132	180	1480	236.4	224.6	216.5	94.5	96.4	96.4	0.89	851.8	1.8	2.2	8.5	88	1080
MEXD4-315LA-4	160	220	1480	279.6	265.6	256.0	94.7	96.7	96.6	0.90	1032.4	1.8	2.2	8.5	88	1156
MEXD4-315LC-4	200	270	1480	349.2	331.7	319.7	94.8	96.7	96.7	0.90	1290.5	1.8	2.2	8.5	88	1231
MEXD4-355MB-4	250	340	1490	436.5	414.6	399.6	94.8	96.7	96.7	0.90	1602.3	1.8	2.2	8.5	92	1901
MEXD4-355LB-4	315	430	1490	549.9	522.4	503.6	94.8	96.7	96.7	0.90	2019.0	1.8	2.2	8.5	92	2074



## TECHNICAL DATA IE4 EXPLOSION PROOF MOTOR - 6 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency $\eta$ %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost $\Phi$	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD4-71MA-6	0.18	0.25	860	0.59	0.56	0.54	68.7	70.1	70.1	0.66	2.00	1.9	2.1	4.0	52	12
MEXD4-71MB-6	0.25	0.37	860	0.75	0.72	0.69	72.6	74.1	74.1	0.68	2.78	1.9	2.1	4.0	52	14
MEXD4-80MA-6	0.37	0.5	900	1.03	0.98	0.94	76.4	78.0	78.0	0.70	3.93	1.9	2	4.7	54	17
MEXD4-80MB-6	0.55	0.75	900	1.43	1.36	1.31	79.3	80.9	80.9	0.72	5.84	1.9	2.1	4.7	54	18
MEXD4-90S-6	0.75	1	910	1.97	1.87	1.80	81.0	82.7	82.7	0.70	7.87	2.1	2.1	7.5	57	22
MEXD4-90L-6	1.1	1.5	910	2.83	2.68	2.59	82.8	84.5	84.5	0.70	11.5	2.1	2.1	7.5	57	26
MEXD4-100L-6	1.5	2	930	3.74	3.55	3.42	84.2	85.9	85.9	0.71	15.4	2.1	2.1	7.5	61	31
MEXD4-112M-6	2.2	3	940	5.39	5.12	4.93	85.7	87.4	87.4	0.71	22.4	2.1	2.1	7.5	65	40
MEXD4-132S-6	3	4	960	7.25	6.88	6.63	86.8	88.6	88.6	0.71	29.9	2.0	2.1	7.5	69	57
MEXD4-132MA-6	4	5.5	960	9.43	8.96	8.64	87.7	89.5	89.5	0.72	39.8	2.0	2.1	8.0	69	69
MEXD4-132MB-6	5.5	7.5	960	12.8	12.2	11.7	88.7	90.5	90.5	0.72	54.7	2.0	2.1	8.0	69	78
MEXD4-160M-6	7.5	10	970	16.4	15.6	15.0	89.5	91.3	91.3	0.76	73.9	2.0	2.1	8.0	73	105
MEXD4-160L-6	11	15	970	23.5	22.3	21.5	90.5	92.3	92.3	0.77	108.3	2.0	2.1	8.5	73	136
MEXD4-180L-6	15	20	970	30.7	29.1	28.1	91.0	92.9	92.9	0.80	147.7	2.0	2.1	8.5	73	179
MEXD4-200LA-6	18.5	25	975	37.6	35.7	34.4	91.5	93.4	93.4	0.80	181.2	2.0	2.1	8.5	73	221
MEXD4-200LB-6	22	30	975	44.0	41.8	40.3	91.8	93.7	93.7	0.81	215.5	2.0	2.1	8.5	73	238
MEXD4-225M-6	30	40	980	59.0	56.1	54.0	92.3	94.2	94.2	0.82	292.3	2.0	2.1	8.5	74	313
MEXD4-250M-6	37	50	980	71.7	68.1	65.6	92.6	94.5	94.5	0.83	360.5	2.0	2.1	8.5	76	400
MEXD4-280S-6	45	60	980	86.9	82.6	79.0	92.9	94.8	94.8	0.83	438.5	2.0	2.0	8.5	78	529
MEXD4-280M-6	55	75	980	104.6	99.4	95.8	93.2	95.1	95.1	0.84	535.9	2.0	2.0	8.5	78	583
MEXD4-315S-6	75	100	985	142.2	135.1	130.2	93.5	95.4	95.4	0.84	727.1	1.6	2.0	8.0	83	918
MEXD4-315M-6	90	120	985	168.3	159.9	154.1	93.7	95.6	95.6	0.85	872.5	1.6	2.0	8.0	83	1037
MEXD4-315LA-6	110	150	985	205.2	195.0	187.9	93.9	95.8	95.8	0.85	1066.4	1.6	2.0	8.0	83	1145
MEXD4-315LB-6	132	180	985	242.9	230.8	222.4	94.1	96.0	96.0	0.86	1279.7	1.6	2.0	8.0	83	1210
MEXD4-355MA-6	160	220	990	293.8	279.2	269.1	94.3	96.2	96.2	0.86	1543.3	1.6	2.0	8.0	85	1814
MEXD4-355MC-6	200	270	990	366.9	348.6	336.0	94.4	96.3	96.3	0.86	1929.1	1.6	2.0	8.0	91	1922
MEXD4-355LB-6	250	340	990	457.7	434.8	419.1	94.6	96.5	96.5	0.86	2411.4	1.6	2.0	8.0	91	2106
MEXD4-400LA-6	315	430	990	604.2	574.0	553.3	94.7	96.6	96.6	0.82	3038.6	0.9	1.8	7.9	92	3078

## TECHNICAL DATA IE4 EXPLOSION PROOF MOTOR - 8 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost Φ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD4-80MA-8	0.18	0.25	650	0.67	0.63	0.61	65.9	67.2	67.2	0.61	2.64	1.8	1.9	3.3	52	17
MEXD4-80MB-8	0.25	0.37	650	0.88	0.84	0.81	69.4	70.8	70.8	0.61	3.67	1.8	1.9	3.3	52	18
MEXD4-90S-8	0.37	0.5	660	1.24	1.18	1.14	72.8	74.3	74.3	0.61	5.35	1.8	1.9	4.0	56	22
MEXD4-90L-8	0.55	0.75	660	1.78	1.69	1.63	75.5	77.0	77.0	0.61	7.96	1.8	2.0	4.0	56	26
MEXD4-100LA-8	0.75	1	690	2.20	2.09	2.02	76.8	78.4	78.4	0.66	10.4	1.8	2.0	7.0	59	32
MEXD4-100LB-8	1.1	1.5	690	3.09	2.93	2.83	79.2	80.8	80.8	0.67	15.2	2.0	2.0	7.0	59	35
MEXD4-112M-8	1.5	2	700	4.00	3.80	3.66	80.9	82.6	82.6	0.69	20.5	2.0	2.0	7.0	61	43
MEXD4-132S8	2.2	3	710	5.65	5.37	5.17	82.8	84.5	84.5	0.70	29.6	1.8	2.0	7.5	64	56
MEXD4-132M-8	3	4	710	7.58	7.20	6.94	84.2	85.9	85.9	0.70	40.4	1.8	2.0	7.8	64	68
MEXD4-160MA-8	4	5.5	720	9.80	9.34	9.00	85.4	87.1	87.1	0.71	53.1	1.8	2.0	7.9	68	97
MEXD4-160MB-8	5.5	7.5	720	13.1	12.50	12.00	86.5	88.3	88.3	0.72	73.0	1.8	2.0	8.1	68	108
MEXD4-160L-8	7.5	10	720	17.2	16.40	15.80	87.5	89.3	89.3	0.74	99.5	1.8	2.0	7.8	68	134
MEXD4-180L-8	11	15	730	25.0	23.70	22.90	88.6	90.4	90.4	0.74	143.9	1.8	2.0	7.9	70	173
MEXD4-200L-8	15	20	730	33.3	31.70	30.50	89.4	91.2	91.2	0.75	196.2	1.8	2.0	8.0	73	229
MEXD4-225S-8	18.5	25	730	40.9	38.80	37.40	89.9	91.7	91.7	0.75	242.0	1.8	2.0	8.1	73	275
MEXD4-225M-8	22	30	730	47.8	45.40	43.70	90.3	92.1	92.1	0.76	287.8	1.8	2.0	8.3	73	308
MEXD4-250M-8	30	40	735	63.9	60.70	58.50	90.8	92.7	92.7	0.77	389.8	1.8	2.0	7.9	75	400
MEXD4-280S-8	37	50	735	77.4	73.50	70.90	91.2	93.1	93.1	0.78	480.7	1.8	2.0	7.9	76	524
MEXD4-280M-8	45	60	735	93.9	89.20	85.90	91.5	93.4	93.4	0.78	584.7	1.8	2.0	7.9	76	583
MEXD4-315S-8	55	75	735	111.5	105.90	102.10	91.8	93.7	93.7	0.80	714.6	1.6	2.0	8.2	82	886
MEXD4-315M-8	75	100	735	151.2	143.70	138.50	92.3	94.2	94.2	0.80	974.5	1.6	2.0	7.6	82	1048
MEXD4-315LA-8	90	120	740	178.8	169.90	163.80	92.5	94.4	94.4	0.81	1161.5	1.6	2.0	7.7	82	1134
MEXD4-315LB-8	110	150	740	217.9	207.00	199.50	92.8	94.7	94.7	0.81	1419.6	1.6	2.0	7.7	82	1220
MEXD4-355MA-8	132	180	740	260.9	247.90	238.90	93.0	94.9	94.9	0.81	1703.5	1.6	2.0	7.7	89	1858
MEXD4-355MB-8	160	220	740	311.7	296.20	285.40	93.2	95.1	95.1	0.82	2064.9	1.6	2.0	7.7	89	1944
MEXD4-355LB-8	200	270	740	388.5	369.00	355.70	93.5	95.4	95.4	0.82	2581.1	1.6	2.0	7.8	89	2106
MEXD4-400LA-8	250	340	740	497.7	472.80	455.70	93.5	95.4	95.4	0.80	3226.4	1.6	1.8	7.6	91	3078
MEXD4-400LC-8	315	430	740	627.1	595.80	574.20	93.5	95.4	95.4	0.80	4065.2	1.6	1.8	7.6	91	3456



## TECHNICAL DATA IE4 EXPLOSION PROOF MOTOR - 10 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency $\eta$ %			Power factor						
	KW	HP		RPM	380V	400V	415V	50% Load	75% Load		100% Load	Cost $\Phi$	N.m	Tst/Tn	Tmax/Tn	Ist/In
MEXD4-315S-10	45	60	590	99.6	94.7	91.2	89.7	91.5	91.5	0.75	728.4	1.5	2.0	6.2	82	896
MEXD4-315MA-10	55	75	590	121.1	115.1	110.9	90.0	92.0	92.0	0.75	890.3	1.5	2.0	6.2	82	1015
MEXD4-315LA-10	75	100	590	162.1	154.0	148.4	90.2	92.5	92.5	0.76	1214.0	1.5	2.0	6.2	82	1156
MEXD4-315LB-10	90	120	590	191.0	181.4	174.9	91.3	93.0	93.0	0.77	1456.8	1.5	2.0	6.2	82	1242
MEXD4-355MA-10	110	150	590	229.9	218.4	210.5	91.7	93.2	93.2	0.78	1780.5	1.3	2.0	6.0	90	1793
MEXD4-355MB-10	132	180	590	275.0	261.3	251.8	91.5	93.5	93.5	0.78	2136.6	1.3	2.0	6.0	90	1922
MEXD4-355LA-10	160	220	590	333.3	316.7	305.2	91.5	93.5	93.5	0.78	2589.8	1.3	2.0	6.0	90	2106
MEXD4-400LA-10	200	270	595	415.3	394.6	380.3	91.7	93.8	93.8	0.78	3210.1	1.2	1.6	5.5	93	3046
MEXD4-400LB-10	250	340	595	519.2	493.2	475.4	91.7	93.8	93.8	0.78	4012.6	1.2	1.6	5.5	93	3186
MEXD4-400LC-10	280	380	595	581.5	552.4	532.4	91.7	93.8	93.8	0.78	4494.1	1.2	1.6	5.5	97	3348
MEXD4-400LD-10	315	430	595	654.2	621.4	599.0	91.7	93.8	93.8	0.78	5055.9	1.2	1.6	5.5	97	3618
MEXD4-400LE-10	355	480	595	737.2	700.4	675.0	91.8	93.8	93.8	0.78	5697.9	1.2	1.6	5.5	97	3888
MEXD4-450LB-10	400	550	595	830.7	789.1	760.6	91.8	93.8	93.8	0.78	6420.2	1.2	1.6	5.5	97	4104
MEXD4-450LC-10	450	600	595	934.5	887.8	855.7	91.8	93.8	93.8	0.78	7222.7	1.2	1.6	5.5	97	4374
MEXD4-450LD-10	500	680	595	1038.3	986.4	950.8	91.8	93.8	93.8	0.78	8025.2	1.2	1.6	5.5	97	4644

## TECHNICAL DATA IE5 EXPLOSION PROOF MOTOR - 2 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency $\eta$ %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost $\Phi$	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD5-63MA-2	0.18	0.25	2780	0.45	0.43	0.42	74.4	75.8	75.2	0.80	0.62	2.2	2.3	6.0	61	11
MEXD5-63MB-2	0.25	0.37	2780	0.60	0.57	0.55	77.5	78.9	78.3	0.81	0.86	2.2	2.3	6.0	61	12
MEXD5-71MA-2	0.37	0.5	2800	0.85	0.81	0.78	80.9	82.4	81.7	0.81	1.26	2.2	2.3	6.6	64	14
MEXD5-71MB-2	0.55	0.75	2800	1.19	1.13	1.09	83.8	85.3	84.6	0.83	1.88	2.2	2.3	6.6	64	15
MEXD5-80MA-2	0.75	1	2825	1.59	1.51	1.46	85.4	87.0	86.3	0.83	2.54	2.2	2.3	7.3	67	18
MEXD5-80MB-2	1.1	1.5	2825	2.27	2.15	2.08	86.9	88.5	87.8	0.84	3.72	2.2	2.3	8.4	67	19
MEXD5-90S-2	1.5	2	2840	3.05	2.90	2.79	88.0	89.6	88.9	0.84	5.04	2.2	2.3	8.4	72	24
MEXD5-90L-2	2.2	3	2840	4.36	4.14	3.99	89.3	90.9	90.2	0.85	7.40	2.2	2.3	8.4	72	28
MEXD5-100L-2	3	4	2870	5.75	5.46	5.27	90.2	91.8	91.1	0.87	9.98	2.2	2.3	9.0	76	37
MEXD5-112M-2	4	5.5	2880	7.52	7.15	6.89	90.9	92.5	91.8	0.88	13.3	2.2	2.3	9.0	77	45
MEXD5-132SA-2	5.5	7.5	2900	10.3	9.74	9.39	91.7	93.3	92.6	0.88	18.1	2.2	2.3	9.0	80	69
MEXD5-132SB-2	7.5	10	2900	13.9	13.2	12.7	92.4	94.1	93.3	0.88	24.7	2.2	2.3	9.0	80	73
MEXD5-160MA-2	11	15	2930	20.0	19.0	18.3	93.1	94.8	94.0	0.89	35.9	2.2	2.3	9.0	86	122
MEXD5-160MB-2	15	20	2930	27.1	25.7	24.8	93.6	95.3	94.5	0.89	48.9	2.2	2.3	9.0	86	133
MEXD5-160L-2	18.5	25	2930	33.3	31.6	30.5	94.0	95.7	94.9	0.89	60.3	2.2	2.3	9.0	86	161
MEXD5-180M-2	22	30	2940	39.5	37.5	36.2	94.1	95.9	95.1	0.89	71.5	2.0	2.3	9.0	89	197
MEXD5-200LA-2	30	40	2950	53.6	51.0	49.1	94.5	96.3	95.5	0.89	97.1	2.0	2.3	9.0	92	256
MEXD5-200LB-2	37	50	2950	65.9	62.6	60.4	94.8	96.6	95.8	0.89	119.8	2.0	2.3	9.0	92	275
MEXD5-225M-2	45	60	2960	80.0	76.0	73.3	95.0	96.8	96.0	0.89	145.2	2.0	2.3	9.0	92	339
MEXD5-250M-2	55	75	2965	97.6	92.7	89.4	95.2	97.0	96.2	0.89	177.2	2.0	2.3	9.0	93	446
MEXD5-280S-2	75	100	2970	132.7	126.1	121.5	95.5	97.3	96.5	0.89	241.2	2.0	2.3	9.0	94	594
MEXD5-280M-2	90	120	2970	159.1	151.1	145.6	95.6	97.4	96.6	0.89	289.4	2.0	2.3	9.0	94	653
MEXD5-315S-2	110	150	2975	194.0	184.3	177.6	95.8	97.6	96.8	0.89	353.1	1.8	2.2	8.5	96	1022
MEXD5-315M-2	132	180	2975	232.6	220.9	212.9	95.9	97.7	96.9	0.89	423.7	1.8	2.2	8.5	96	1140
MEXD5-315LA-2	160	220	2975	281.6	267.5	257.9	96.0	97.8	97.0	0.89	513.6	1.8	2.2	8.5	99	1212
MEXD5-315LC-2	200	270	2975	351.3	333.7	321.7	96.2	98.0	97.2	0.89	642.0	1.8	2.2	8.5	99	1283
MEXD5-355MB-2	250	340	2980	429.4	408.0	393.2	96.2	98.0	97.2	0.91	801.2	1.6	2.2	8.5	103	2020
MEXD5-355LB-2	315	430	2980	541.1	514.0	495.5	96.2	98.0	97.2	0.91	1009.5	1.6	2.2	8.5	103	2198

## TECHNICAL DATA IE5 EXPLOSION PROOF MOTOR - 4 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost Φ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD5-63MB-4	0.18	0.25	1350	0.48	0.45	0.44	77.9	79.4	78.7	0.73	1.27	2.0	2.2	4.8	52	11
MEXD5-71MA-4	0.25	0.37	1380	0.63	0.60	0.58	80.7	82.2	81.5	0.74	1.73	2.0	2.2	4.8	55	12
MEXD5-71MB-4	0.37	0.5	1380	0.89	0.84	0.81	83.5	85.0	84.3	0.75	2.56	2.0	2.2	4.8	55	14
MEXD5-80MA-4	0.55	0.75	1390	1.29	1.22	1.18	85.8	87.4	86.7	0.75	3.8	2.4	2.3	6.2	58	17
MEXD5-80MB-4	0.75	1	1390	1.70	1.61	1.56	87.3	88.9	88.2	0.76	5.15	2.3	2.3	7.2	58	18
MEXD5-90S-4	1.1	1.5	1400	2.43	2.31	2.23	88.3	89.9	89.2	0.77	7.5	2.3	2.3	7.2	61	23
MEXD5-90L-4	1.5	2	1400	3.19	3.03	2.92	89.5	91.1	90.4	0.79	10.2	2.3	2.3	7.2	61	27
MEXD5-100LA-4	2.2	3	1420	4.52	4.29	4.13	90.5	92.1	91.4	0.81	14.8	2.3	2.3	8.4	64	36
MEXD5-100LB-4	3	4	1420	6.04	5.73	5.53	91.2	92.8	92.1	0.82	20.2	2.3	2.3	8.4	64	39
MEXD5-112M-4	4	5.5	1440	7.99	7.59	7.31	91.9	93.5	92.8	0.82	26.5	2.3	2.3	8.4	65	51
MEXD5-132S-4	5.5	7.5	1440	10.8	10.2	9.87	92.5	94.2	93.4	0.83	36.5	2.3	2.3	8.4	71	71
MEXD5-132M-4	7.5	10	1440	14.4	13.7	13.2	93.1	94.8	94.0	0.84	49.7	2.3	2.3	8.4	71	82
MEXD5-160M-4	11	15	1460	21.0	20.0	19.3	93.7	95.4	94.6	0.84	72.0	2.2	2.3	8.4	75	127
MEXD5-160L-4	15	20	1460	28.2	26.8	25.8	94.1	95.9	95.1	0.85	98.1	2.2	2.3	9.0	75	154
MEXD5-180M-4	18.5	25	1465	34.3	32.6	31.4	94.3	96.1	95.3	0.86	120.6	2.2	2.3	9.0	76	192
MEXD5-180L-4	22	30	1465	40.7	38.7	37.3	94.5	96.3	95.5	0.86	143.4	2.2	2.3	9.0	76	208
MEXD5-200L-4	30	40	1470	55.3	52.5	50.6	94.9	96.7	95.9	0.86	194.9	2.2	2.3	8.6	79	270
MEXD5-225S-4	37	50	1475	67.2	63.9	61.6	95.1	96.9	96.1	0.87	239.6	2.2	2.3	8.6	81	335
MEXD5-225M-4	45	60	1475	81.6	77.5	74.7	95.3	97.1	96.3	0.87	291.4	2.2	2.3	8.6	81	375
MEXD5-250M-4	55	75	1475	99.5	94.6	91.1	95.5	97.3	96.5	0.87	356.1	2.2	2.3	8.6	83	463
MEXD5-280S-4	75	100	1480	135.5	128.7	124.0	95.7	97.5	96.7	0.87	484	2.2	2.3	8.6	86	624
MEXD5-280M-4	90	120	1480	162.2	154.1	148.5	95.9	97.7	96.9	0.87	580.7	2.2	2.3	8.6	86	701
MEXD5-315S-4	110	150	1480	195.8	186.0	179.3	96.0	97.8	97.0	0.88	709.8	2.1	2.2	8.3	93	1069
MEXD5-315M-4	132	180	1480	234.7	223.0	214.9	96.1	97.9	97.1	0.88	851.8	2.1	2.2	8.3	93	1188
MEXD5-315LA-4	160	220	1480	277.9	264.0	254.5	96.2	98.0	97.2	0.90	1032.4	2.1	2.2	8.3	97	1271
MEXD5-315LC-4	200	270	1480	346.7	329.3	317.4	96.4	98.2	97.4	0.90	1290.5	2.1	2.2	8.3	97	1354
MEXD5-355MB-4	250	340	1490	433.3	411.7	396.8	96.4	98.2	97.4	0.90	1602.3	2.1	2.2	8.3	101	2091
MEXD5-355LB-4	315	430	1490	546.0	518.7	499.9	96.4	98.2	97.4	0.90	2019.0	2.1	2.2	8.3	101	2281



## TECHNICAL DATA IE5 EXPLOSION PROOF MOTOR - 6 POLES - 50HZ

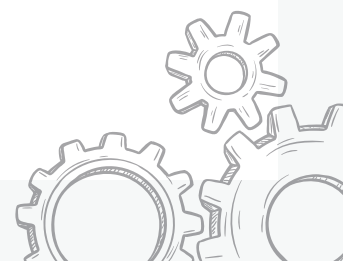
Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP		RPM	380V	400V	415V	50% Load	75% Load		100% Load					
MEXD5-71MA-6	0.18	0.25	860	0.56	0.53	0.51	73.9	75.2	74.6	0.66	2.00	1.9	2.1	4.8	52	13
MEXD5-71MB-6	0.25	0.37	860	0.72	0.68	0.65	77.3	78.7	78.1	0.68	2.78	1.9	2.1	4.8	52	15
MEXD5-80MA-6	0.37	0.5	900	0.98	0.93	0.90	80.8	82.3	81.6	0.70	3.93	1.9	2.0	5.6	54	18
MEXD5-80MB-6	0.55	0.75	900	1.38	1.31	1.26	83.4	84.9	84.2	0.72	5.84	1.9	2.1	5.6	54	19
MEXD5-90S-6	0.75	1	910	1.90	1.80	1.74	84.8	86.4	85.7	0.70	7.87	2.0	2.1	6.6	57	24
MEXD5-90L-6	1.1	1.5	910	2.74	2.60	2.51	86.3	87.9	87.2	0.70	11.5	2.0	2.1	6.6	57	28
MEXD5-100L-6	1.5	2	930	3.63	3.45	3.32	87.5	89.1	88.4	0.71	15.4	2.0	2.1	6.6	61	35
MEXD5-112M-6	2.2	3	940	5.25	4.99	4.81	88.8	90.4	89.7	0.71	22.4	2	2.1	7.8	65	44
MEXD5-132S-6	3	4	960	7.09	6.73	6.49	89.7	91.3	90.6	0.71	29.9	2.1	2.1	7.8	69	63
MEXD5-132MA-6	4	5.5	960	9.24	8.77	8.46	90.5	92.1	91.4	0.72	39.8	2.1	2.1	7.8	69	76
MEXD5-132MB-6	5.5	7.5	960	12.6	12.0	11.5	91.3	92.9	92.2	0.72	54.7	2.1	2.1	7.8	73	85
MEXD5-160M-6	7.5	10	970	16.1	15.3	14.8	92.0	93.6	92.9	0.76	73.9	2.0	2.1	7.8	73	116
MEXD5-160L-6	11	15	970	23.2	22.0	21.2	92.8	94.5	93.7	0.77	108.3	2.0	2.1	7.8	73	150
MEXD5-180L-6	15	20	970	30.2	28.7	27.7	93.4	95.1	94.3	0.80	147.7	2.0	2.1	8.4	76	198
MEXD5-200LA-6	18.5	25	975	37.1	35.3	34.0	93.7	95.4	94.6	0.80	181.2	2.1	2.1	8.4	76	244
MEXD5-200LB-6	22	30	975	43.5	41.3	39.8	94.0	95.7	94.9	0.81	215.5	2.1	2.1	8.4	76	261
MEXD5-225M-6	30	40	980	58.3	55.4	53.4	94.3	96.1	95.3	0.82	292.3	2.0	2.1	8.4	78	345
MEXD5-250M-6	37	50	980	70.9	67.3	64.9	94.6	96.4	95.6	0.83	360.5	2.1	2.1	8.4	80	332
MEXD5-280S-6	45	60	980	86.0	81.7	78.7	94.8	96.6	95.8	0.83	438.5	2.1	2.0	8.4	80	582
MEXD5-280M-6	55	75	980	103.6	98.5	94.9	95.0	96.8	96.0	0.84	535.9	2.1	2.0	8.4	85	642
MEXD5-315S-6	75	100	985	140.9	133.8	129.0	95.3	97.1	96.3	0.84	727.1	2.0	2.0	8.4	85	1010
MEXD5-315M-6	90	120	985	166.7	158.4	152.7	95.5	97.3	96.5	0.85	872.5	2.0	2.0	8.4	85	1140
MEXD5-315LA-6	110	150	985	203.6	193.4	186.4	95.6	97.4	96.6	0.85	1066.4	2.0	2.0	8.0	85	1259
MEXD5-315LB-6	132	180	985	240.9	228.9	220.6	95.8	97.6	96.8	0.86	1279.7	2.0	2.0	8.0	92	1331
MEXD5-355MA-6	160	220	990	291.7	277.1	267.1	95.9	97.7	96.9	0.86	1543.3	1.9	2.0	8.0	92	1996
MEXD5-355MC-6	200	270	990	364.3	346.1	333.6	96.0	97.8	97.0	0.86	1929.1	1.9	2.0	8.0	92	2115
MEXD5-355LB-6	250	340	990	455.3	432.6	417.0	96.0	97.8	97.0	0.86	2411.4	1.9	2.0	8.0	96	2317
MEXD5-400LA-6	315	430	990	601.7	571.6	551.0	96.0	97.8	97.0	0.82	3038.6	1.6	1.9	7.4	96	3386

## TECHNICAL DATA IE5 EXPLOSION PROOF MOTOR - 8 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP		RPM	380V	400V	415V	50% Load	75% Load		100% Load					
MEXD5-80MA-8	0.18	0.25	650	0.62	0.59	0.57	71.2	82.5	71.9	0.61	2.64	1.8	1.9	4.0	52	18
MEXD5-80MB-8	0.25	0.37	650	0.83	0.79	0.76	74.4	75.8	75.2	0.61	3.67	1.8	1.9	4.0	52	19
MEXD5-90S-8	0.37	0.5	660	1.18	1.12	1.08	77.6	79.0	78.4	0.61	5.35	1.8	1.9	4.8	56	24
MEXD5-90L-8	0.55	0.75	660	1.70	1.61	1.56	79.8	81.2	80.6	0.61	7.96	1.8	2.0	4.8	56	28
MEXD5-100LA-8	0.75	1	690	2.11	2.00	1.93	81.2	82.7	82.0	0.66	10.4	1.8	2.0	4.8	59	36
MEXD5-100LB-8	1.1	1.5	690	2.97	2.82	2.72	83.2	84.7	84.0	0.67	15.2	1.8	2.0	6.0	59	38
MEXD5-112M-8	1.5	2	700	3.86	3.67	3.54	84.6	86.2	85.5	0.69	20.5	1.8	2.0	6.0	61	48
MEXD5-132S-8	2.2	3	710	5.48	5.20	5.01	86.3	87.9	87.2	0.70	29.6	1.8	2.0	7.2	64	62
MEXD5-132M-8	3	4	710	7.37	7.00	6.74	87.5	89.1	88.4	0.70	40.4	1.8	2.0	7.2	64	75
MEXD5-160MA-8	4	5.5	720	9.57	9.10	8.77	88.5	90.1	89.4	0.71	53.1	1.9	2.0	7.2	68	107
MEXD5-160MB-8	5.5	7.5	720	12.9	12.2	11.8	89.5	91.1	90.4	0.72	73.0	2.0	2.0	7.2	68	119
MEXD5-160L-8	7.5	10	720	16.9	16.0	15.4	90.4	92.0	91.3	0.74	99.5	2.0	2.0	7.2	68	147
MEXD5-180L-8	11	15	730	24.5	23.3	22.4	91.3	92.9	92.2	0.74	143.9	2.0	2.0	7.9	70	190
MEXD5-200L-8	15	20	730	32.7	31.1	30.0	92.0	93.6	92.9	0.75	196.2	2.0	2.0	7.9	73	252
MEXD5-225S-8	18.5	25	730	40.2	32.8	36.8	92.4	94.1	93.3	0.75	242.0	1.9	2.0	7.9	73	303
MEXD5-225M-8	22	30	730	47.0	44.6	43.0	92.7	94.4	93.6	0.76	287.8	1.9	2.0	7.9	73	339
MEXD5-250M-8	30	40	735	62.9	59.8	57.6	93.2	94.9	94.1	0.77	389.8	1.9	2.0	7.9	75	440
MEXD5-280S-8	37	50	735	76.4	72.5	69.9	93.5	95.2	94.4	0.78	480.7	1.9	2.0	7.9	76	577
MEXD5-280M-8	45	60	735	92.6	87.9	84.8	93.8	95.5	94.7	0.78	584.7	1.9	2.0	7.9	76	642
MEXD5-315S-8	55	75	735	110.1	104.6	100.8	94.0	95.7	94.9	0.80	714.6	1.8	2.0	7.9	82	974
MEXD5-315M-8	75	100	735	149.5	142.0	136.9	94.3	96.1	95.3	0.80	974.5	1.8	2.0	7.9	82	1152
MEXD5-315LA-8	90	120	740	176.8	167.9	161.9	94.5	96.3	95.5	0.81	1161.5	1.8	2.0	7.9	82	1247
MEXD5-315LB-8	110	150	740	215.6	204.8	197.4	94.7	96.5	95.7	0.81	1419.6	1.8	2.0	7.7	82	1342
MEXD5-355MA-8	132	180	740	258.2	245.3	236.4	94.9	96.7	95.9	0.81	1703.5	1.8	2.0	7.7	90	2043
MEXD5-355MB-8	160	220	740	308.5	293.1	282.5	95.1	96.9	96.0	0.82	2064.9	1.8	2.0	7.7	90	2138
MEXD5-355LB-8	200	270	740	384.8	365.6	352.4	95.3	97.1	96.1	0.82	2581.1	1.8	2.0	7.7	90	2317
MEXD5-400LA-8	250	340	740	493.1	468.4	451.5	95.3	97.1	96.3	0.80	3226.4	1.6	1.8	7.2	95	3386
MEXD5-400LC-8	315	430	740	621.2	590.2	568.9	95.3	97.1	96.3	0.80	4065.2	1.6	1.8	7.2	98	3802

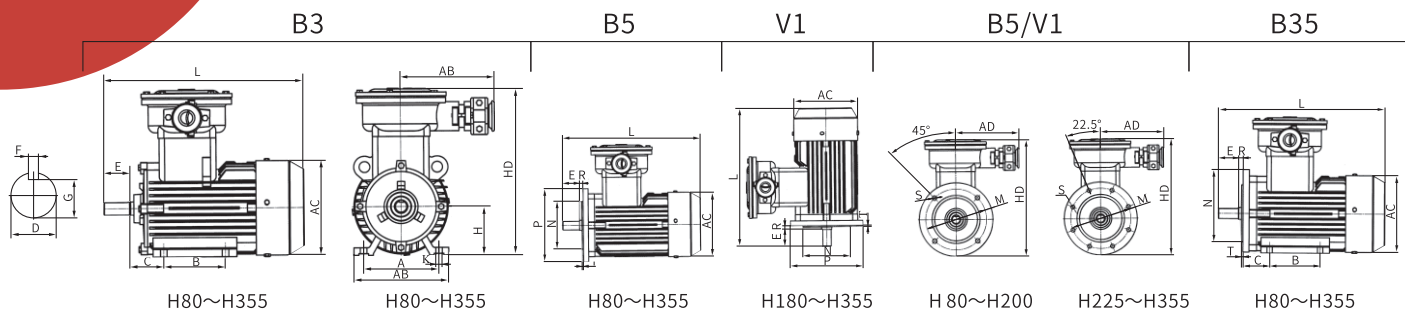
## TECHNICAL DATA IE5 EXPLOSION PROOF MOTOR - 10 POLES - 50HZ

Type	Rate Output		Full Load								Rate Torque (Tn)	Locked - motor torque / Rate Torque	Maximum torque / Rate Torque	Start Current / Rate Current	Noise	Weight
			Speed	Input Current (A)			Efficiency η %			Power factor						
	KW	HP	RPM	380V	400V	415V	50% Load	75% Load	100% Load	Cost Φ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
MEXD5-315S-10	45	60	590	99.5	94.6	91.1	90.7	92.1	91.6	0.75	728.4	1.5	2.0	7.4	82	986
MEXD5-315M-10	55	75	590	121.0	114.9	110.8	91.2	92.6	92.1	0.75	890.3	1.5	2.0	7.4	82	1117
MEXD5-315LA-10	75	100	590	161.9	153.8	148.3	91.7	93.1	92.6	0.76	1214.0	1.5	2.0	7.4	82	1271
MEXD5-315LB-10	90	120	590	190.8	181.2	174.7	92.2	93.6	93.1	0.77	1456.8	1.5	2.0	7.4	82	1366
MEXD5-355MA-10	110	150	590	229.7	218.2	210.3	92.4	93.8	93.3	0.78	1780.5	1.3	2.0	7.2	90	1972
MEXD5-355MB-10	132	180	590	274.8	261.0	251.5	92.7	94.1	93.6	0.78	2136.6	1.3	2.0	7.2	90	2115
MEXD5-355LA-10	160	220	590	333.0	316.3	304.9	92.7	94.1	93.6	0.78	2589.8	1.3	2.0	7.2	90	2317
MEXD5-400LA-10	200	270	595	414.9	394.2	379.9	93.0	94.4	93.9	0.78	3210.1	1.2	1.6	6.6	93	2317
MEXD5-400LB-10	250	340	595	518.6	492.7	474.9	93.0	94.4	93.9	0.78	4012.6	1.2	1.6	6.6	93	3505
MEXD5-400LC-10	280	380	595	580.9	551.8	531.9	93.0	94.4	93.9	0.78	4494.1	1.2	1.6	6.6	97	3683
MEXD5-400LD-10	315	430	595	653.5	620.8	598.4	93.0	94.4	93.9	0.78	5055.9	1.2	1.6	6.6	97	3980
MEXD5-400LE-10	355	480	595	736.4	699.6	674.3	93.0	94.4	93.9	0.78	5697.9	1.2	1.6	6.6	97	4277
MEXD5-450LB-10	400	550	595	829.8	788.3	759.8	93.0	94.4	93.9	0.78	6420.2	1.2	1.6	6.6	97	4514
MEXD5-450LC-10	450	600	595	933.5	886.4	854.8	93.0	94.4	93.9	0.78	7222.7	1.2	1.6	6.6	97	4811
MEXD5-450LD-10	500	680	595	1037.2	985.4	949.8	93.0	94.4	93.9	0.78	8025.2	1.2	1.6	6.6	97	5108





# DRAWINGS



Model	Poles	Mounting Dimensions													
		A	B	C	D	E	F	G	H	K	M	N	P	R	S
63	2,4,6,8	100	80	40	11	23	4	8.5	63	7	115	95	140	0	10
71	2,4,6,8	112	90	45	14	30	5	11	71	7	130	110	160	0	10
80M	2,4,6,8	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12
90S	2,4,6,8	140	100	56	24	50	8	20	90	10	165	130	200	0	12
90L	2,4,6,8	140	125	56	24	50	8	20	90	10	165	130	200	0	12
100L	2,4,6,8	160	140	63	28	60	8	24	100	12	215	180	250	0	14.5
112M	2,4,6,8	190	140	70	28	60	8	24	112	12	215	180	250	0	14.5
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	265	230	300	0	14.5
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	265	230	300	0	14.5
160M	2,4,6,8	254	210	108	42	110	12	37	160	14.5	300	250	350	0	18.5
160L	2,4,6,8	254	254	108	42	110	12	37	160	14.5	300	250	350	0	18.5
180M	2,4,6,8	279	241	121	48	110	14	42.5	180	14.5	300	250	350	0	18.5
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	14.5	300	250	350	0	18.5
200L	2,4,6,8	318	305	133	55	110	16	49	200	18.5	350	300	400	0	18.5
225S	4,8	356	286	149	60	140	18	53	225	18.5	400	350	450	0	18.5
225M	2	356	311	149	55	110	16	49	225	18.5	400	350	450	0	18.5
	4,6,8	356	311	149	60	140	18	53	225	18.5	400	350	450	0	18.5
250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	18.5
	4,6,8	406	349	168	65	140	18	58	250	24	500	450	550	0	18.5
280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	18.5
	4,6,8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	18.5
280M	2	457	419	190	65	140	18	58	280	24	500	450	550	0	18.5
	4,6,8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	18.5
315S	2	508	406	216	65	140	18	58	315	28	600	550	660	0	24
	4,6,8	508	406	216	80	170	22	71	315	28	600	550	660	0	24
315M	2	508	457	216	65	140	18	58	315	28	600	550	660	0	24
	4,6,8	508	457	216	80	170	22	71	315	28	600	550	660	0	24
315L	2	508	508	216	65	140	18	58	315	28	600	550	660	0	24
	4,6,8	508	508	216	80	170	22	71	315	28	600	550	660	0	24
355S	2	610	500	254	75	140	20	67.5	355	28	740	680	800	0	24
	4,6,8	610	500	254	95	170	25	86	355	28	740	680	800	0	24
355M	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24
	4,6,8	610	560	254	95	170	25	86	355	28	740	680	800	0	24
355L	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24
	4,6,8	610	630	254	95	170	25	86	355	28	740	680	800	0	24



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