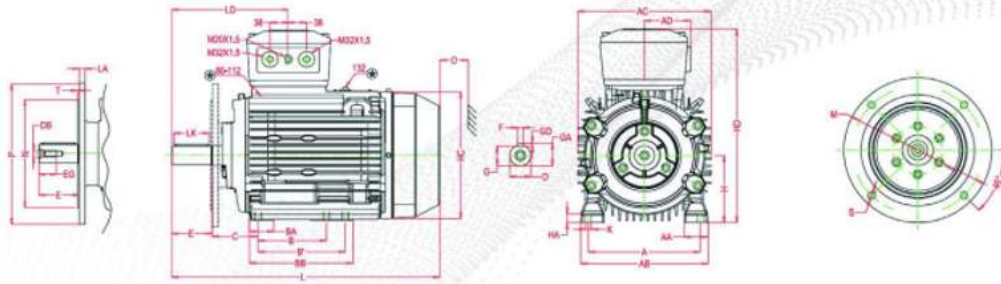


MOTOGEN

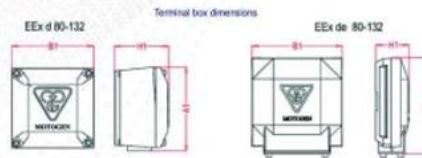
TECHNICAL SPECIFICATIONS

PARAMETERS	Value
Motor type	EExd 132SMB4
Frame size	132SM
Output power (KW)-400V/50Hz	5.5
Output power (KW)-440V/60Hz	6.3
Rated voltage (V)	400/690
Rated speed (RPM)	1446
Efficiency (%)	87.0
Power factor (Cos phi)	0.80
Rated current (A)	11.4D
Starting current/Rated current	6.7
Rated torque (N m)	36
Starting torque/Rated torque	3.1
Breakdown torque/Rated torque	3.3
Moment of inertia (Kg*m2)	0.02
Weight-EEx d (Kg)	102
Weight-EEx de (Kg)	
Sound pressure level (dB)	60
Color	Blue - RAL5024
Body	Cast Iron
Stator winding wire material	copper
Rotor winding material	aluminium
Driven end bearing	6201-2Z
Non-driven end bearing	6201-2Z
Insulation class	F
Thermal class	B
درجه حفاظت IP	55

مشخصات ابعادی الکتروموتورهای ضد انفجاری سایز فریم ۸۰-۱۳۲
Dimensional specification of Flameproof electromotors frame size 80-132



Motor size	A1	B1	H1
EEx d 80-132	175	170	115
Eex de 80-132	210	188	63



Motor size	Flange dimensions			
	P	M	N	S
80-90	200	165	130	M10
100-112	250	215	180	M12
132	300	265	230	M12

Cable glands sizes اندازه های گنبد کابل

Frame size	Metric threads
80-90	1×M20×1.5+1×M25×1.5
100-132	1×M20×1.5+2×M32×1.5

Motor size	Poles	A	AA	AB	AC	AD	E	B'	BA	BB	C	D	DB	E	EG	F	G	GA	GD	H	HA	HC	HD	K	L	LD	O	LK
80M...	2-8	125	34	160	175	92	100	125	32	150	50	19	M6	40	16	6	15.5	21.5	6	80	10	160	300	10	340	170	20	32
90SL...	2-8	140	34	175	195	92	100	125	32	150	56	24	M8	50	19	8	20	27	7	90	10	190	315	10	405	180	20	40
100 L...	2-8	160	45	220	215	92	140	-	41	170	63	28	M10	60	22	8	24	31	7	100	10	210	335	12	440	194	25	50
112 M...	2-8	190	45	220	215	92	140	-	39	170	70	28	M10	60	22	8	24	31	7	112	15	210	350	12	440	194	25	50
132 SM...	2-8	216	44	245	275	92	140	178	48	210	89	38	M12	80	28	10	33	41	8	132	17	265	390	12	540	234	30	70

HA	H	GD	GA	G	F	EG	E	DB	D	C	BB	BA	B'	B	AD	AC	AB	AA	A
17	132	8	41	33	10	28	80	M12	38	89	210	48	178	140	92	275	245	44	216

S	N	M	P	H1 (EEx d/EEx de)	B1 (EEx d/EEx de)	EEx d/EEx) A1 (de)	LK	O	LD	L	K	HD	HC
M12	230	265	300	115	170	175	70	30	234	540	12	390	265