



Ordering data: 1LE1023-1AB59-0JB4
M2F
1AV3105B

Motor type:

Client order no.:

Order no.:

Offer no.:

Remarks:

Item no.:

Consignment no.:

Project:

U	Δ / Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N	M _A /M _N	M _K /M _N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _I /I _N	T _I /T _N	T _B /T _N	
460	Δ	60	3.00	4.0	5.10	1760	16.0	89.5	89.5	88.5	0.82	0.77	0.67	9.5	3.1	4.6	NPE
IM B35 / IM 2001			FS 100 L		30 kg	IP55		IEC/EN 60034		IEC, EN, NEMA MG1-12-12, UL, CSA							

Mechanical data		
Sound pressure level 50 Hz/60Hz (load)	60 db(A)	62 db(A)
Moment of inertia	0.014 kg m²	
Bearing DE NDE	6206 2ZC3	6206 2ZC3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing NDE	
Condensate drainage holes	No	
External earthing terminal	No	
Vibration class	A	
Insulation	155(F) to 130(B)	
Duty type	S1	
Direction of rotation	bidirectional	
Frame material	aluminum	
Data of anti condensation heating	-/-	
Coating	Special paint finish	
Color	RAL7030	
Motor protection	(B) 3 PTC thermistors - for tripping	
Method of cooling	IC411 - self ventilated, surface cooled	

Terminal box	
Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 F00
Contact screw thread	M4
Max. cross-sectional area	4.0 mm²
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5-1xM16x1,5
Cable gland	3 plugs

Special design	
M2F	460 VD for 60 Hz, 50-Hz power

Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

Explosion protection	
Type of protection	- / -