



Ordering data: 1LE1003-1DB43-4AB4

Motor type: 1AV3164B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

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 _A /I _N	T _f /T _N	T _B /T _N	
400	Δ	50	15.00	- / -	28.50	1475	97.0	92.1	92.1	91.1	0.82	0.77	0.67	8.5	2.5	3.8	IE3
690	Y	50	15.00	- / -	16.70	1475	97.0	92.1	92.1	91.1	0.82	0.77	0.67	8.5	2.5	3.8	IE3
460	Δ	60	17.30	- / -	28.00	1775	93.0	93.6	93.6	92.1	0.83	0.79	0.69	8.5	2.5	3.7	IE3
IM B3 / IM 1001			FS 160 L		100 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data		
Sound pressure level 50 Hz/60Hz (load)	65 db(A)	69 db(A)
Moment of inertia	0.099 kg m²	
Bearing DE NDE	6209 2ZC3	6209 2ZC3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Locating 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 J00
Contact screw thread	M5
Max. cross-sectional area	16.0 mm²
Cable diameter from ... to ...	19.0 mm - 28.0 mm
Cable entry	2xM40x1,5-1xM16x1,5
Cable gland	3 plugs
Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m
Special design	