



MLFB-Ordering data: 1LE1601-2BB03-4AB4-Z
R11

Motor type: 1CV2220B

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	37.00	- / -	65.00	1470	240.0	92.7	93.5	93.5	0.88	0.85	0.78	6.6	2.3	2.9	IE2
690	Y	50	37.00	- / -	38.00	1470	240.0	92.7	93.5	93.5	0.88	0.85	0.78	6.6	2.3	2.9	IE2
460	Δ	60	42.50	- / -	65.00	1770	229.0	93.6	94.2	94.0	0.88	0.86	0.79	6.6	2.3	2.9	IE2
460	Δ	60	37.00	- / -	57.00	1778	199.0	93.0	93.2	92.5	0.87	0.84	0.76	7.2	2.7	3.3	IE2
IM B3 / IM 1001			FS 225 S		280 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data		
Sound pressure level 50Hz/60Hz (load)	66 dB(A)	69 dB(A)
Moment of inertia	0.42 kg m²	
Bearing DE NDE	6313 C3	6313 C3
Relubrication interval/quantity	20 g 20 g 8000 h	
Lubricants	Esso Unirex N3	
Regreasing device	Yes (standard)	
Grease nipple	M10x1 DIN 3404 A	
Type of bearing	Locating bearing NDE	
Condensate drainage holes	Yes (standard)	
External earthing terminal	Yes (standard)	
Vibration class	A	
Insulation	155(F) to 130(B)	
Duty type	S1	
Direction of rotation	bidirectional	
Frame material	cast iron	
Data of anti condensation heating	-/-	
Coating (paint finish)	Special paint finish C3	
Color, paint shade	RAL7030	
Motor protection	(B) 3 PTC thermistors - for tripping (standard) (2 terminals)	
Method of cooling	IC411 - self ventilated, surface cooled	

Terminal box	
Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 L01
Contact screw thread	M8
Max. cross-sectional area	35.0 mm²
Cable diameter from ... to ...	27.0 mm - 35.0 mm
Cable entry	2xM50x1,5-2xM20x1,5
Cable gland	4 plugs

Special design (1)

R11 Terminal box rotated through 90°, cable entry from NDE

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