

SIMOTICS SD - 132 S - IM B5 - 2p

Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

Safe Area

U	Δ / Y	f	P	P	I	n	M	η ³⁾			cosφ ³⁾			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	
DOL duty (S1) - 155(F) to 130(B)																	
230	Δ	50	5.50	-/-	17.60	2945	17.8	89.2	89.5	88.6	0.88	0.84	0.73	8.9	2.5	3.8	IE3
400	Y	50	5.50	-/-	10.10	2945	17.8	89.2	89.5	88.6	0.88	0.84	0.73	8.9	2.5	3.8	IE3
460	Y	60	6.30	-/-	10.00	3540	17.0	88.5	89.0	88.1	0.89	0.84	0.75	9.9	2.6	4.0	IE2
460	Y	60	5.50	-/-	8.90	3550	14.8	89.5	89.0	87.0	0.87	0.82	0.71	11.1	3.0	4.6	IE3
IM B5 / IM 3001			FS 132 S			IP55	UKCA	IEC/EN 60034		IEC, DIN, ISO, VDE, EN							
Environmental conditions : -20 °C - +40 °C / 1000 m									Locked rotor time (hot / cold) : 10.8 s 14.7 s								

Sound level (SPL / SWL) at 50Hz 60Hz	69 / 77 dB(A) ^{2) 3)}	74 / 82 dB(A) ^{2) 3)}	Vibration severity grade	A
Moment of inertia	0.0168 kg m²		Thermal class	F
Bearing DE NDE	6308 2Z C3	6308 2Z C3	Duty type	S1
bearing lifetime			Direction of rotation	bidirectional
L _{10mh} F _{Rad min} for coupling operation 50 60Hz ¹⁾	40000 h	32000 h	Frame material	cast iron
Regreasing device	Without		Net weight of the motor (IM B3)	66 kg
Grease nipple	-/		Coating (paint finish)	Special paint finish C3
Type of bearing	Preloaded bearing DE		Color, paint shade	RAL7030
Condensate drainage holes	With (standard)		Motor protection	(B) 3 PTC thermistors - for tripping (standard) (2 terminals)
External earthing terminal	Without		Method of cooling	IC411 - self ventilated, surface cooled

Terminal box position	top	Max. cross-sectional area	6 mm²
Material of terminal box	cast iron	Cable diameter from ... to ...	11 mm - 21 mm
Type of terminal box	TB1 H01	Cable entry	2xM32x1,5-1xM16x1,5
Contact screw thread	M4	Cable gland	3 plugs

Notes:

I_{Lr}/I_{Ln} = locked rotor current / current nominal	1) L10mh according to DIN ISO 281 10/2010	3) Value is valid only for DOL operation with motor design IC411
M_r/M_{rn} = locked rotor torque / torque nominal	2) at rated power / at full load	
M_b/M_{bn} = break down torque / nominal torque		

responsible dep. DI MC LVM	technical reference	created by DT Configurator	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
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