

Applicable Standard	IEC 60034-1		
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Type	[-]	MT 90L A2
Rated Power	[kW]	2,2
Poles	[#]	2
Nr Phases	[-]	3-Three Phase
Power Supply	[V-Hz]	230/400-50
Mounting	[-]	IM B5
Protection Degree IP	[-]	IP 54
Duty class	[-]	S2-30'
Insulation Class	[-]	F (155°C)
Temp Rise	[-]	F
IEC Frame	[-]	90L
Frame Material	[-]	Aluminium
Cooling Method	[-]	IC411 (TEFC)
Max Ambient Temp	[°C]	40
Inverter Use	[-]	NO
Painting	[-]	NO
Weight	[kg]	15,0

Rated Power	[kW]	2,2	
Voltage D		230	
Voltage Y	[V]	400	
Frequency	[Hz]	50	
Current D	[A]	8,3	
Line Current	[A]	4,80	
Speed	[rpm]	2830	
Rated Torque	[Nm]	7,42	
Efficiency 100%	[%]	77,0	
Efficiency 75%	[%]		
Efficiency 50%	[%]		
Power Factor	[-]	0,86	
Is / In	[pu]	5,4	
Ms / Mn	[pu]	2,6	
Mb / Mn	[pu]	2,6	
Efficiency Class	[-]	IE1	
Service factor	[-]	S1	

DE Bearing	[-]	6205ZZ
NDE Bearing	[-]	6205ZZ

Shaft Material	[-]	C40 / C45
Shaft Dimensions	[mm]	Ø24x50

Thermal Protector	[-]	NO
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Heater	[-]	NO
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Brake Type	[-]	FHA
Brake Torque	[Nm]	20
Brake Voltage	[-]	230 / 400Vac

Notes

Hand release lever
DE oil seal

Created by:

Orange1 Electric Motors

DIMENSIONS

Dim	[mm]
A	140
AB	170
B	125
BB	155
C	56
D	24
E	50
H	90
HD	234
L	382
K	10
Y	17,5
AC	176
AD	138
AF	109
AP	152
F	8
FB	40
GA	27
GD	7
DB	M8
LB	332
P	200
N	130
M	165
T	3
S	12
LA	11,5

