

SPECIFIC Nr. OH112A4X2305PU1004
DENOMINATION

Motor Part Nr.	OH112A4X2305PU1004	Customer Part Nr.	
Drawing Nr.	OH112A4X2305PU1004	Certificate	EPT 17 ATEX 2588X

PERFORMANCE DATA

Poles	4	Nominal Power [kW]	(1) 3	(2) 3,6
Nominal Speed [rpm]	(1) 1455 (2) 1746	Voltage-Frequency	(1) [V] [Hz] (2) [V] [Hz]	230/400 50 266/460 60
Nominal Current [A]	(1) 10,48/6,05 (2) 10,48/6,05	Cos ϕ	(1) 0,82 (2) 0,86	
Starting Current / Rated Current	(1) 7,7 (2) 7,7	Starting Torque / Rated Torque	(1) 2,7 (2) 2,7	
Breakdown torque / Rated Torque	(1) 3,4 (2) 3,4	Weight [Kg]	34.2	
Duty	S1	Efficiency (1)	IE3	4/4 3/4 1/2 87,7 88,2 87,4
		Efficiency (2)	IE3	4/4 3/4 1/2 0 0 0
Motor Fed	GRID	Torque Regulation	-	
Inverter Frequency Range [Hz]	-	Max Torque With Inverter [Nm]	-	

CONSTRUCTION DATA

Motor type	OH112M A4	Type of winding	3 PHASE A.C. MOTOR Ex AREA
IP protection	IP66	Protection	II 2G Ex db IIC T4 Gb -
Direction of Rotation	Bidirectional	Ambient Temperature	-20°C/+50°C
Mounting IM	B35	Altitude osl [m]	1000
Material Endshield/Flange	Aluminium	Insulation Class	F
Fan Material	Plastic	IEC Frame Size	112
Shaft Material	C40	Rotor Axially Locked	NO
NDE BearingType	6306-2Z	Terminal Material Box	Aluminium
DE BearingType	6306-2Z	Cover Material Fan	Zinc plated steel
Thermal Protection	N.3 PTC 130°C	Terminal Position Box	ON TOP - DRIVE END SIDE
Windings Tropicalizations	NO	Space Heaters	NO
Stainless Steel Fasteners	NO	Rain Canopy	NO
Painting	C1S D.E. SHIELD NOT PAINTED	Encoder	NO
Motor Colour	RAL5010	Nameplate Material	Alluminium
Cooling	IC411	Brake	NO
NOTE:		Forced cooler Voltage [V]	-

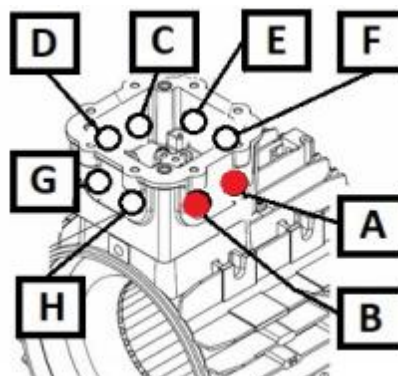
In compliance with the EC Directives

2014/34/UE (ATEX)
2014/30/UE (EMC)
2006/42/EC (Machinery)
2011/65/CE (RoHS II)

and comply with the following Standards

EN 60079-0,
EN 60079-1, 31
EN 60034-1,2,5,6,7,9,12,14,
IEC60072-1,
EN 60259

A=CABLE GLAND/PRESSACAVO: M20
B=CABLE GLAND/PRESSACAVO: M20


SPECIFIC Nr. OH112A4X2305PU1004

OVERALL DIMENSIONS (mm)

B	A	HA	BB	AB	AC	AD	AP	AF	C	H	HD	LB	LR	L	K1	K2
140	190	14	176,5	223	220	195	119	119	70	112	307	353	363	413	12	22

D	E	GA	F	DB	LA	M	N	P	S	T
28j6	60	31	3	M10x22	15	215	180	250	13	4

