



SPECIFIC N°: OD090S2X2305P4

MOTOR PART NR	OD090S2W2305P4	CUSTOMER PART NR	
DRAWING NR	OD090S2W2305P4	MOTOR TYPE	OD090S22305P4
Type of winding	3 PHASE SINGLE WINDING 6 LEADS		
PROTECTION	II 2G Ex d IIC T4 Gb	CERTIFICATE	EUM1 10 ATEX 0350
IP PROTECTION	IP66	ENVIRONMENT CONDITIONS	-20 /+50°C Max Altitude: 1000m
POLES	2	NOMINAL POWER kW	1,5 1,8
Nom. Speed rpm	2870 3440	Voltage-Frequency	230/400V 50Hz 265/460V 60Hz
Nom. Current A	6.4/3.7 6.4/3.7	COS $\phi$	0.8 0.8
Duty	S1 Continuous Duty	Direction of Rotation	BIDIRECTIONAL
Insulation Class	F	Mounting IM	B35
IEC Frame Size	90S	Material end Shield/Flange	Aluminium
Material Terminal Box	Aluminium	Material Fan	PLASTIC Nylon V6
Material Cover Fan	Zinc plated steel	Material shaft	Steel C43
DE Bearing Type	6205-ZZ	NDE Bearing Type	6205-ZZ
Position of terminal box	TOP	Cable gland Type	1XM20
Cable gland position (view from DE)	Right	Motor Colour	Not painted motor
Painting	-	Thermal protection	-
Special	-		-

*In compliance with the EC Directives*

94/9/EC (ATEX)  
 2004/108/EC (EMC)  
 2006/42/EC (Machinery)  
 2002/95/EC (RoHS)

*and comply with the following Standards*

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

**Overall dimensions**