

MOTOR PART NR	OE100L2W2305P4U	CUSTOMER PART NR		
DRAWING NR	OE100L2W2305P4UU	MOTOR TYPE	OE100L22305P4U	
Type of winding	3 PHASE SINGLE WINDING 6 LEADS			
PROTECTION	II 2G Ex dbe IIC T4 Gb	CERTIFICATE	EPT 17 ATEX 2588X	
IP PROTECTION	IP65	ENVIRONMENT CONDITIONS	-20 /+50°C Max Altitude: 1000m	
POLES	2	NOMINAL POWER kW	3,0 3,6	
Nom. Speed rpm	2840 3410	Voltage-Frequency	230/400V 50Hz 265/460V 60Hz	Tolerance: Voltage ±5%
Nom. Current A	11.4/6.6 11.4/6.6	COS φ	0.86 0.86	
Duty	S1 Continuous Duty	Direction of Rotation	BIDIRECTIONAL	
Insulation Class	F	Mounting IM	B34	
IEC Frame Size	100	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	6206-ZZ	NDE Bearing Type	6206-ZZ	
Position of terminal box	TOP	Cable gland Type	N.2 M20x1,5	
Cable gland position (view from DE)	Right	Thermal protection	PTC130	
Painting	-	Motor Colour	Not painted motor	
Special	-			

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

Technical drawing of the 100W 230V 50Hz motor, showing front, side, and detail views with dimensions in mm.

Front View Dimensions:

- Total width: 114
- Total height: 161
- Base width: 160
- Base height: 192
- Flange diameter: $\varnothing 130$
- Flange thickness: 13
- Terminal box width: 31
- Terminal box height: 8
- Terminal box mounting holes: M10

Side View Dimensions:

- Total width: 315
- Total height: 191
- Base width: 140
- Base height: 175
- Flange diameter: $\varnothing 28 \pm 0.6$
- Flange thickness: 50
- Terminal box width: 60
- Terminal box height: 63
- Terminal box mounting holes: M25

Detail View Dimensions:

- Terminal box width: 31
- Terminal box height: 8
- Terminal box mounting holes: M10