PRODUCT DATASHEET





ELECTRICMOTOR

CUSTOMER RS COMPONENTS
APPLICATION TS71A4 0.25 230/400-50
B5 MV CN
NOTE 4072748

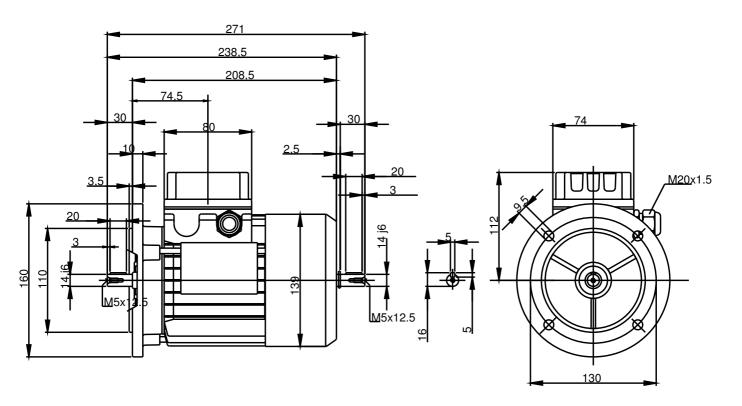


CONFIGURATION

Supplier Motovario Regulations CE Motor Three-Phase Size 071 Series Standard Efficiency Poles 4 Electrical Execution Std (Voltage Tolerance +/- 10%) Service S1 Voltage 230/400-265/460 V Frequency 50-60 Hz Power 0,25-0,29 kW Cooling Self-Ventilated Mounting Arrangements B5 Flange Dim. Ø160 Shaft Dim. (DE) Ø14x30 Rear Shaft End (NDE) No Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard MO-Notes No	CHARACTERISTIC	VALUE						
Motor Size O71 Series Standard Efficiency Poles 4 Electrical Execution Std (Voltage Tolerance +/- 10%) Service S1 Voltage 230/400-265/460 V Frequency Fo-60 Hz Power O,25-0,29 kW Cooling Self-Ventilated Mounting Arrangements B5 Flange Dim. Ø160 Shaft Dim. (DE) Ø14x30 Rear Shaft End (NDE) Insulation Rating F Protection Rating FProtection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover	Supplier	Motovario						
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Series Standard Efficiency Poles 4 Electrical Execution Std (Voltage Tolerance +/- 10%) Service S1 Voltage 230/400-265/460 V Frequency 50-60 Hz Power 0,25-0,29 kW Cooling Self-Ventilated Mounting Arrangements B5 Flange Dim. Ø160 Shaft Dim. (DE) Ø14x30 Rear Shaft End (NDE) No Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Motor	Three-Phase						
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Electrical Execution Service S1 Voltage 230/400-265/460 V Frequency Frequency Power Cooling Mounting Arrangements Flange Dim. Shaft Dim. (DE) Insulation Rating Protection Rating Frequency Ambient Conditions Heaters No Condensation Drainage Devices No Accessories Terminal Box Cover Fan Cover Standard Standard Std (Voltage Tolerance +/- 10%) Std (Voltage Tolerance +/- 10% Std (Volta	Series	Standard Efficiency						
Service Voltage 230/400-265/460 V Frequency 50-60 Hz Power 0,25-0,29 kW Cooling Self-Ventilated Mounting Arrangements B5 Flange Dim. Ø160 Shaft Dim. (DE) Ø14x30 Rear Shaft End (NDE) Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage Devices No Accessories Terminal Box Cover Fan Plastic Fan Cover	Poles	4						
Voltage 230/400-265/460 V Frequency 50-60 Hz Power 0,25-0,29 kW Cooling Self-Ventilated Mounting Arrangements B5 Flange Dim. Ø160 Shaft Dim. (DE) Ø14x30 Rear Shaft End (NDE) No Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Electrical Execution							
Frequency Power O,25-0,29 kW Cooling Self-Ventilated Mounting Arrangements B5 Flange Dim. Ø160 Shaft Dim. (DE) Rear Shaft End (NDE) Insulation Rating Protection Rating IP55 Thermal Protectors Ambient Conditions Heaters No Condensation Drainage Devices No Accessories Terminal Box Cover Fan Plastic Fan Cover	Service	S1						
Power 0,25-0,29 kW Cooling Self-Ventilated Mounting Arrangements B5 Flange Dim. Ø160 Shaft Dim. (DE) Ø14x30 Rear Shaft End (NDE) No Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Voltage	230/400-265/460 V						
Cooling Self-Ventilated Mounting Arrangements B5 Flange Dim. Ø160 Shaft Dim. (DE) Ø14x30 Rear Shaft End (NDE) Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories Terminal Box Cover Fan Plastic Fan Cover Standard	Frequency	50-60 Hz						
Mounting ArrangementsB5Flange Dim.Ø160Shaft Dim. (DE)Ø14x30Rear Shaft End (NDE)NoInsulation RatingFProtection RatingIP55Thermal ProtectorsNoAmbient ConditionsStandardHeatersNoCondensation DrainageNoDevicesNoAccessoriesNoneTerminal Box CoverAluminiumFanPlasticFan CoverStandard	Power	0,25-0,29 kW						
Flange Dim. Ø160 Shaft Dim. (DE) Ø14x30 Rear Shaft End (NDE) No Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Cooling							
Shaft Dim. (DE) Ø14x30 Rear Shaft End (NDE) No Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Mounting Arrangements							
Rear Shaft End (NDE) Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories Terminal Box Cover Fan Plastic Fan Cover	Flange Dim.	Ø160						
Insulation Rating F Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Shaft Dim. (DE)	Ø14x30						
Protection Rating IP55 Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Rear Shaft End (NDE)	No						
Thermal Protectors No Ambient Conditions Standard Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Insulation Rating	F						
Ambient Conditions Heaters No Condensation Drainage No Devices No Accessories Terminal Box Cover Fan Plastic Fan Cover Standard	Protection Rating	IP55						
Heaters No Condensation Drainage No Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Thermal Protectors	No						
Condensation Drainage No Devices No Accessories None Terminal Box Cover Fan Plastic Fan Cover Standard	Ambient Conditions	Standard						
Devices No Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Heaters	No						
Accessories None Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Condensation Drainage	No						
Terminal Box Cover Aluminium Fan Plastic Fan Cover Standard	Devices	No						
FanPlasticFan CoverStandard	Accessories	None						
Fan Cover Standard	Terminal Box Cover	Aluminium						
	Fan	Plastic						
MO-Notes No	Fan Cover	Standard						
	MO-Notes	No						

DRAWINGS

Values expressed in [mm]



PRODUCT DATASHEET

PERFORMANCES

				M _n [Nm]	η _n % (4/4) limit	η _n % (4/4)	η _n % (3/4) (3			$\frac{M_s}{M_n}$	I _s	$\frac{M_{max}}{M_n}$	10 ⁻⁴ ×Kgm ²		Kg			
P _n [kW]	Size	n _n [rpm]	I _n [A]					η _n % (2/4)	cosφ _n				тТ	т ТВ	тТ	т ТВ	Z ₀ [10³×1/h]	M _B [Nm]
0,25	71A4	1390	0,79	1,72		62,3	61,9	-	0,73	2,3	3,7	2,3	7,8	8,9	5,4	7,6	10,0	5,0

MOUNTING POSITIONS

<u>Mounting position:</u> specific construction in relation to the mounting equipment, type of bearings and shaft end.

<u>Installation type:</u> positioning of the motor in relation to the axis line (horizontal or vertical) and mounting equipment.

The table lists the most common installation methods in relation to the mounting position.

With reference to standard IEC 34-7, the electric motor's nameplate must be marked with the mounting position (IMB3, IMB5, IMB14, IMB34, IMB35) independently of the installation type.



Mounting position:

- IMB3 with feet
- IMB5 with drive side flange, through holes
- IMB14 with drive side flange, threaded holes
- IMB35 with feet and drive side flange, through holes
- IMB34 with feet and drive side flange, threaded holes

Besides being available in the above-indicated standardised mounting positions, motors are available also in compact versions; this applies to both aluminium CHA and CBA gear reducers (B10 mounting position) and to cast iron CH, CB and CS gear reducers (B11 mounting position). These mounting positions require special flanges integral with the gear reducer and cable output shaft where pinion is fitted before the reduction stage. The resulting gearmotor has reduced axial size. For further details, including dimensional drawings, refer to the specific catalogues of the gear reducers.