PRODUCT DATASHEET





ELECTRICMOTOR

DATE 27.05.2020
CUSTOMER RS COMPONENTS
APPLICATION TS71C4 230/400-50 B3 MV
CN
NOTE 4155473

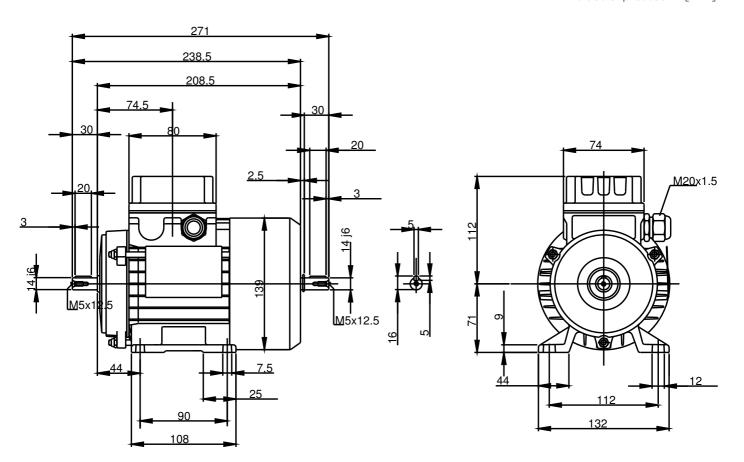


CONFIGURATION

SupplierMotovarioRegulationsCEMotorThree-PhaseSize071SeriesStandard EfficiencyPoles4Electrical ExecutionStd (Voltage Tolerance +/- 10%)ServiceS1Voltage230/400-265/460 VFrequency50-60 HzPower0,55-0,65 kWCoolingSelf-VentilatedMounting ArrangementsB3Terminal BoxPos.1Shaft Dim. (DE)Ø14x30Rear Shaft End (NDE)NoInsulation RatingFProtection RatingIP55Thermal ProtectorsNoAmbient ConditionsStandardHeatersNoCondensation DrainageNoDevicesNoAccessoriesNoneTerminal Box CoverAluminiumFanPlasticFan CoverStandardMO-NotesNo	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 Frequency Fo-60 Hz Power O,55-0,65 kW Cooling Self-Ventilated Mounting Arrangements B3 Terminal Box Pos.1 Shaft Dim. (DE) Molarian (NDE) Insulation Rating F Protection Rating FProtection Rating FProtection Rating Heaters No Ambient Conditions Standard Heaters No Condensation Drainage No Accessories No Accessories Terminal Box Cover Aluminium Fan Plastic Fan Cover	Supplier	Motovario							
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Condensation Drainage Devices No Accessories 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

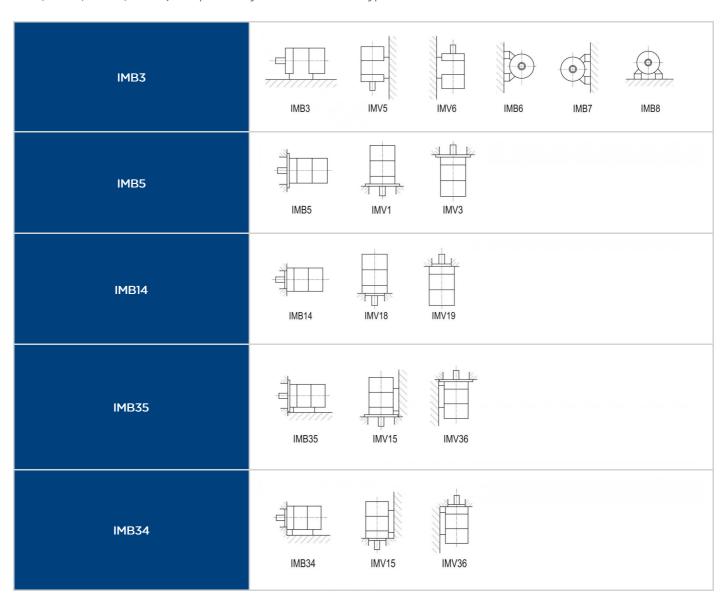
PERFORMANCES

						n %					M	$\frac{M_s}{M_n}$ $\frac{I_s}{I_n}$	$\frac{M_{max}}{M_n}$	10 ⁻⁴ ×Kgm ²		Kg			
P _n [kW]	Size	n _n [rpm]	[A]	M _n [Nm]		η _n % (4/4) limit	η _n % (4/4)	η _n % (3/4)	η _n % (2/4)	cosφ _n	M _n			T T	т ТВ	тТ	т ТВ	Z _o [10³×1/h]	M _B [Nm]
0,55	71C4	1370	1,50	3,83	-	-	68,7	68,6	-	0,77	2,3	3,8	2,2	11,0	12,1	7,2	9,4	8,0	7,5

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.