



CATALOG : SYNCHRONOUS ELECTRIC MOTORS

catalogue record : 7

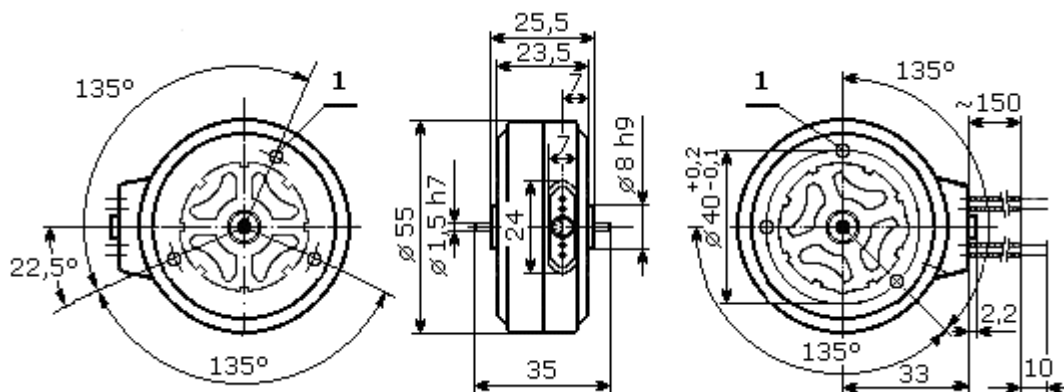
SYNCHRONOUS ELECTRIC MOTOR SMz 375/R

TECHNICAL DATA

Operating conditions	: ambient temperature -15 °C up to +45 °C environment IE 33 (T42) voltage 230V, 110V/230V, 24V frequency 50 Hz , (60 Hz)
Speed	: 375 turn/min. for 50 Hz (450 turn/min. for 60 Hz)
Sense of rotation	: clockwise or counter- clockwise
Power input	: 3,5 W
Operating position	: Horizontal, with the step thrust bearing it can also vertical. In the vertical position, the step thrust bearing must be located at the bottom side.
Mass	: 0,2 kg
Starting torque	: 2,1 mNm for 50 Hz
Synchronic moment	: 5,9 mNm for 50 Hz
Dimensions	: diameter 55 mm, length 23,5 mm without the output shaft The output shaft - diameter 1,5 h7 in length 5 mm or 10 mm. The shaft is either only at one side or at both sides
Remark	: SMR SMz 375/R is using in geared motor B 600, B 601, B 602, B 404



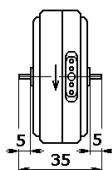
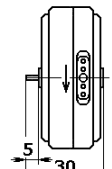
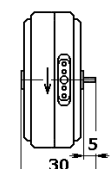
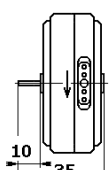
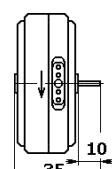
DIMENSIONAL DRAWING



1 - 3 x M3, depth 4 mm

Axial clearance of the rotor $\pm 0,06$ mm for all versions

VERSIONS SMz 375/R

Version ¹⁾	Nominal voltage ²⁾ [V] 50 Hz	Sense of rotation	Operating position	Dimensioned diagram
SMz 375 a/R	110/230	both clockwise and counterclockwise	horizontal	
SMz 375 b/R	230 ³⁾			
SMz 375 c/R	110/230	clockwise	horizontal or vertical with the shaft directed upwards	
SMz 375 d/R	230 ³⁾			
SMz 375 e/R	230 ³⁾	counterclockwise		
SMz 375 g/R	110/230	clockwise		
SM 375 h/R	110/230	counterclockwise		
¹⁾ Must be specified in the order ²⁾ Applicable voltage ± 10% ³⁾ Special version for voltage 12V, 24V, 42V, 48V, 60V				

WIRING DIAGRAM SMz 375/R WITH 4 CABLE

