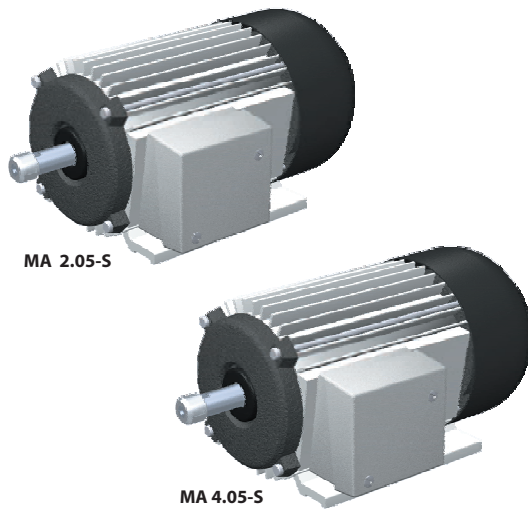
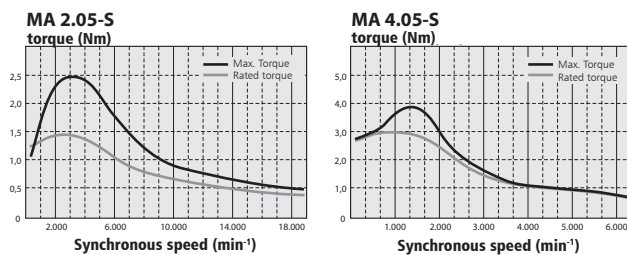


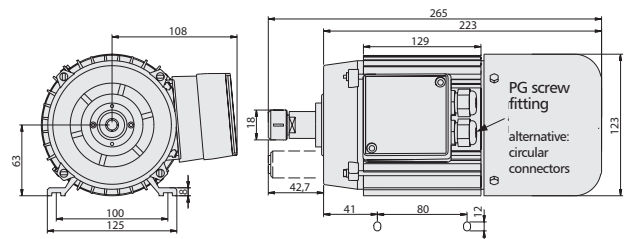


- 2/4-pole three-phase motors with special shaft
- high operational safety, easy maintenance, low noise level
- high efficiency and power factor (cos)
- backlash-free, 2-fold precision bearing
- ball bearings lubricated for life
- the circulator is designed to be speed controlled by the product
- forced cooling by 230 V forced cooling fan
- standard flange B3, electrical connection via terminal box / connector
- operating mode S6-40%
- manual tool change clamping range

Features



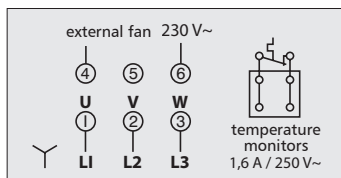
Torque curves



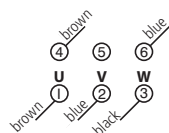
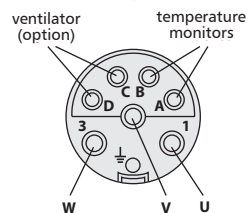
motor type	frame size
MA 2.05-S	63
MA 4.05-S	63

Dimensions

Terminal board (PG screw fitting)



circular connector (7-polig + PE)



Pin assignment

MA 2.05-S / MA 4.05-S

ø [mm]	Part-no.	ø [mm]	Part-no.
1,0	239110 1000	4,0	239110 4000
1,5	239110 1500	4,5	239110 4500
2,0	239110 2000	5,0	239110 5000
2,5	239110 2500	5,08 (1/5")	239110 5080
3,0	239110 3000	5,5	239110 5500
3,175 (1/8")	239110 3175	6,0	239110 6000
3,5	239110 3500	6,35 (1/4")	239110 6350

Collets

	Part-no. (PG screw fitting)	Part-no. (circular connectors)	speed range min⁻¹	number of contacts	nominal voltage	rated max. output power (S6-40%) kW	nominal speed min⁻¹	steady state kW (S1)	steady state 1/100 mm	weight kg	tool holder collet (clamping range)	recommended inverter
MA 2.05-S	477605 1118	477605 3118	300-18.000	2	3x210V	0,65	4.300	0,58	2,0	5,8	ø3-6,35mm*1	FC 1200-C / FC 1200-R
MA 4.05-S	477605 1106	477605 3106	200-6.000	4	3x210V	0,40	1.270	0,36	2,0	5,8	ø3-6,35mm*1	FC 1200-C / FC 1200-R

*1 Collet chuck 6 mm is included with the complete spindle.

Technical specifications