Universal milling spindles UFM 500 /1050.

Engraving spindle

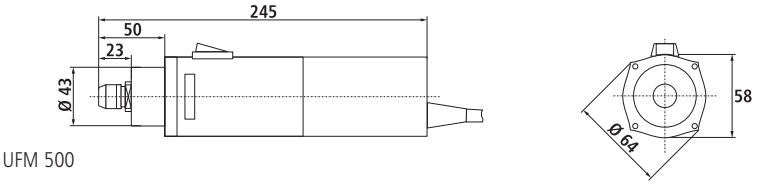
Uni milling motors

UFM 1050 UFM 500

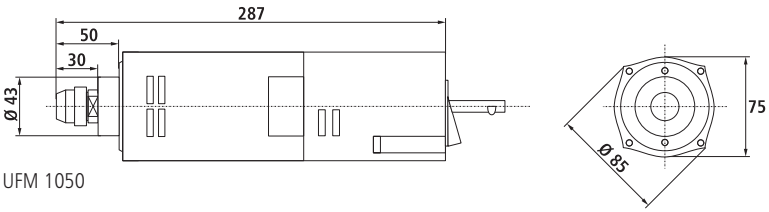
Technical specification

	Part no.	Load speed rpm	Voltage V	Efficiency %	Power consumption W	power output W	Torque Nm
UFM 500	**420003 0500**	22,600	230	68	500	345	0.14
UFM 500-11	**420003 0501**	22.600	115	68	500	345	0.14
UFM 1050	**420003 1050**	21.000	230	71	1050	720	0.32
UFM 1050-11	**420003 1051**	21.000	115	71	1050	720	0.32

Dimensioned drawings



UFM 500



UFM 1050

Engraving spindle with mech. height compensation

Engraving spindle
42V, 150 W, 60,000 rpm.
sealing air cooling
Suction preparation

including holder, corresponding frequency converter, mechanical height compensation and clamping ring Ø 3mm

Part no. **310802 1300**

Features

- Load-independent working speed with Tacho control electronics
- Smooth start for no-backlash acceleration to rated speed
- Blocking protection
- Protective isolation
- PTC thermal monitoring
- Rated output 345 W/720 W
- Speed range 11,000 rpm to 25,000 rpm
- Torque 0.14 Nm (at 22,600/21,000 rpm)
- Rated voltage 230V
- collar
- Clamping range Ø 1 mm – Ø 6.35/8 mm
- Speed control
- Stable double ball bearing
- Weight: 1.9/2.1 kg

UFM 500
- Rated input **500 W**
- Power output **345 W**
- Torque **0,14 Nm**

UFM 1050
- Rated input **1050 W**
- Power output **720 W**
- Torque **0,32 Nm**

Clamping blocks

Clamping blocks Ø 43mm	Part no.
Ra 100 and Ra 150 mm fixings	**290 902**
Ra 100 mm fixing	**290 903**
Ra 125 mm fixing	**290 904**

Clamping rings

Clamping ring sets	Part no.
for UFM 500 (Ø 1.0 - 6.35 mm)	**239110**
for UFM 1050 (Ø 1.0 - 8.0 mm)	**239112 0000**

Clamping nut

clamping nut	Part no.
for UFM 500	**239 111**
for UFM 1050	**239 112**

Carbon brushes

Carbon brushes, VE = 2 units.	Part no.
for UFM 500	**420 003 9000**
for UFM 1050	**420 003 9001**

Technical specifications subject to change.