

... MADE IN GERMANY

AMB[®]
ELEKTRIK 

Maincatalog Milling Motors



BIGGEST PORTFOLIO OF HIGH-END MILLING MOTORS

THE NEW GENERATION OF MILLING MOTORS

- WITH DIGITAL SPEED CONTROL TO YOUR CNC-PORTAL



Forget the past with circumstantial adjusting of the motor speed! The desired speed is directly programmable on the controller of the portal by means of an clever interface. So you can exactly configure your milling motor to the processing point - where and when which rpm is needed.

If the machine is in idling cycle or in the delivery process, the speed can be reduced - via programming.

Thus, the background noise is considerably reduced or only minimized to the cutting process.

- **Motor and its parts are conserved**
- **Longer duty cycle possible with longer service intervals**
- **Lower energy costs due to the machine intelligence and lower power consumption at idle speed**

"Ready for the future!" - Contact us.



MADE IN GERMANY

MILLING MOTOR
800 FME 800 Watt



COMPACT - POWERFUL



YOUR BENEFIT

- MAXX-Power 800 Watt motor
- Slim and ergonomically-designed housing
- Full wave electronics for constant performance and speed
- Soft start-up and starting current limitation
- Stainless steel motor flange with double bearing for higher milling performance
- Milling tool change – easy and quick via spindle lock
- Electronic overload protection prevents overheat of the
- Able to use a flexible shaft

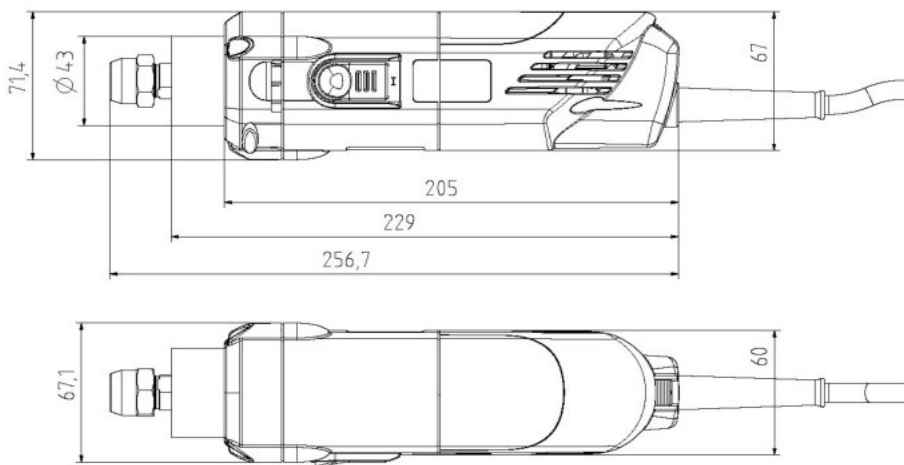
TECHNICAL SPECIFICATION

W					
800	10000...29000	8	43	1,4	4

Scope of delivery:

Milling motor, precision collet, clamping nut, user guide, concentricity certificate.

Item no.: 06082101
Bar Code no.:



Changes and errors excepted.
2018/03



MILLING MOTOR

800 FME-Q 800 Watt



UNIQUE - QUICK CHANGE MAINS POWER



YOUR BENEFIT

- MAXX-Power 800 Watt motor
- Full wave electronics for constant performance and speed
- Soft start-up and starting current limitation
- Stainless steel motor flange with double bearing for higher milling performance
- Milling tool change – easy and quick via spindle lock
- Electronic overload protection prevents overheat of the
- Carbon brush switch-off to protect the motor
- Able to use a flexible shaft
- Rubber mains cable with patented quick-action lock. Other lengths available on request.

TECHNICAL SPECIFICATION

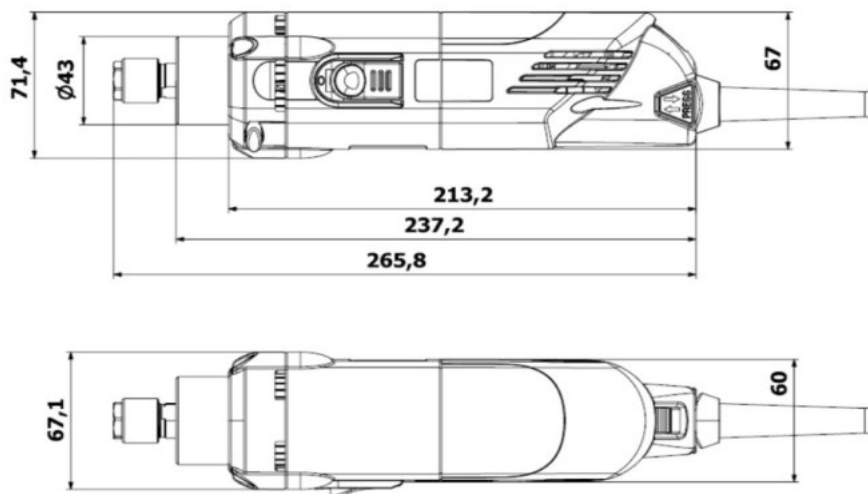
W					
800	10000...29000	8	43	1,4	4

Scope of delivery:

Milling motor, precision collet, clamping nut, user guide, concentricity certificate.

Item no.: 06082112

Bar Code no.:



Changes and errors excepted.

2018/03



MADE IN GERMANY

STRAIGHT GRINDER (COMPACT + LONG-NECKED)

800 FME-Q GSV 800 Watt



UNIQUE - TWO IN ONE



YOUR BENEFIT

- Quick change of the straight grinder from compact shape to long-necked shape
- Fits everywhere – standardized 43 mm collar
- Full wave electronics for constant performance and speed
- Soft start-up and starting current limitation
- Stainless steel motor flange with double bearing for higher milling performance
- Milling tool change – easy and quick via spindle lock
- Electronic overload protection prevents overheat of the
- Carbon brush switch-off to protect the motor
- Rubber mains cable with patented quick-action lock. Other lengths available on request.

TECHNICAL SPECIFICATION

W					
800	10000...29000	8	43	1,4	4

Scope of delivery:

Milling motor, mains cable, long-necked device, precision collet, clamping nut, user guide, concentricity certificate.

Item no.: 06082114

Bar Code no.:

Changes and errors excepted.

2018/03



MADE IN GERMANY

MILLING MOTOR

1050 FME-1 1050 Watt



UNIQUE - QUICK CHANGE MAINS POWER



YOUR BENEFIT

- MAXX-Power 1050 Watt motor
- Full wave electronics for constant performance and speed
- Soft start-up and starting current limitation
- Stainless steel motor flange with double bearing for higher milling performance
- Milling tool change – easy and quick via spindle lock
- Electronic overload protection prevents overheat of the
- Carbon brush switch-off to protect the motor
- Able to use a flexible shaft
- Rubber mains cable with patented quick-action lock. Other lengths available on request.

TECHNICAL SPECIFICATION

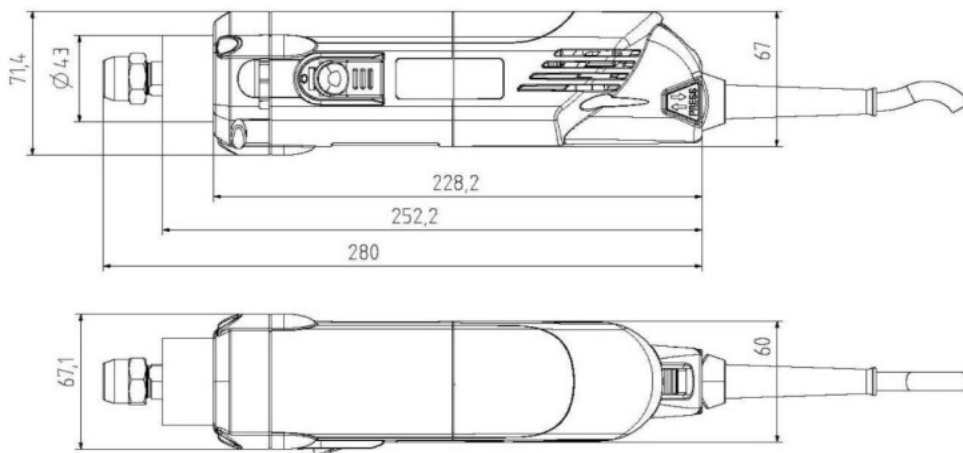
W					
1050	5000...25000	8	43	1,7	4

Scope of delivery:

Milling motor, precision collet, clamping nut, user guide, concentricity certificate.

Item no.: 06082206

Bar Code no.:



Changes and errors excepted.

2018/03



MADE IN GERMANY

HIGH PRECISION MILLING MOTOR
1050 FME-P 1050 Watt



SPECIAL GRINDED TOOL HOLDER FOR HIGHER PRECISION



YOUR BENEFIT

- Special bearings for three times higher repeatability of concentricity than milling motors with standard KRESS collet system
- Grinded cone: guaranteed concentricity in the cone < 0,01 mm
- Collet system ER16 with balanced clamping nut for even higher precision and maximum improved handling
- For high precision applications (e.g. engraving, processing of circuit boards, etc.)
- Milling tool change – easy and quick via spindle lock
- Electronic overload protection prevents overheat of the
- Rubber mains cable with patented quick-action lock. Other lengths available on request.

TECHNICAL SPECIFICATION

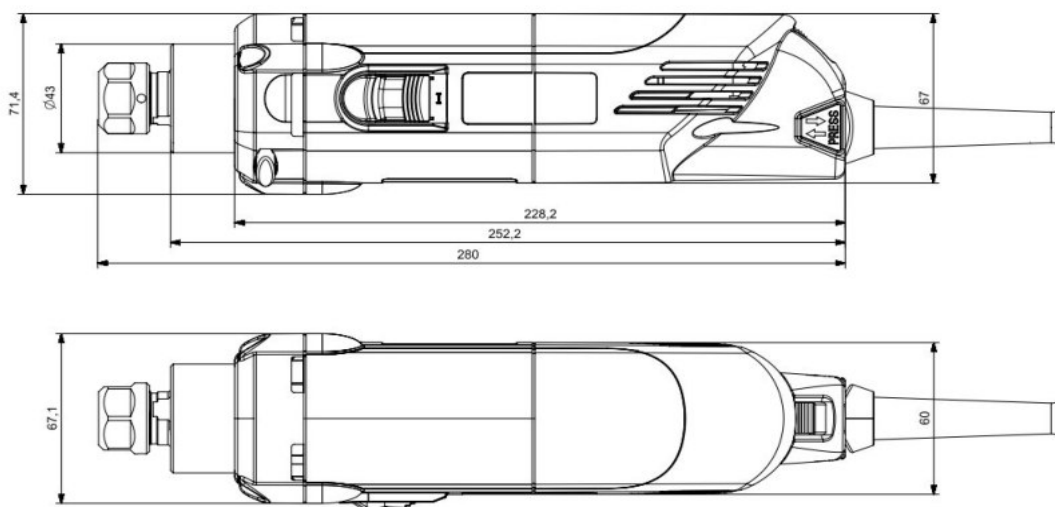
W					
1050	5000...25000	8	43	1,7	4

Scope of delivery:

Milling motor, precision collet, clamping nut, user guide, concentricity certificate.

Item no.: 06082701

Bar Code no.: _____



Changes and errors excepted.

2018/03





PORTAL CONTROL

YOUR BENEFIT

- Worlds first standard milling motor with integrated portal control
- Control of the motor speed directly via portal *
- For CNC- and portal-milling machines
- Stainless steel motor flange with double bearing for higher milling performance
- Precise guide and concentricity via precision collet
- Rubber mains cable with patented quick-action lock. Other lengths available on request.

TECHNICAL SPECIFICATION

	W				kg	
800 FME-Q Portal	800	5000...29000	8	43	1,4	4
1050 FME-1 Portal	1050	5000...25000	8	43	1,7	4
1050 FME-P Portal	1050	5000...25000	ER 16 - 8	43	1,7	4
Length of portal connection	2 m					
Control voltage	0 - 10 V					

* Speed control by hand not possible

Scope of delivery:

Milling motor, mains cable, precision collet, clamping nut, user guide.

	Item no.:	Bar Code no.:
800 FME-Q Portal	06088004	
1050 FME-1 Portal	06081054	
1050 FME-P Portal	06081055	

Changes and errors excepted.

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MADE IN GERMANY

FRÄSMOTOR MIT WERKZEUGWECHSEL-SYSTEM

1050 FME-W 1050 Watt



WELTWEIT ERSTER UNIVERSALMOTOR MIT INTEGRIERTER PNEUMATISCHER WERKZEUGWECHSELFUNKTION UND PORTALSTEUERUNG



PORTALANBINDUNG

HIGHLIGHTS

- Wechselsystem mit SK20 Aufnahme
- Steuerung der Motordrehzahl direkt am Portal *
- Einsatz in CNC- / Portalfräsmaschinen
- Aufnahme und Auswurf des Werkzeugs via Druckluft
- Präzisions-Spannzange ER16 - Ø 8 mm mit gewuchteter Überwurfmutter
- Netzkabel mit Patent-Quick-Verschluss und Gummizuleitung. Weitere Längen auf Anfrage.

TECHNISCHE DATEN

	W				kg	
1050 FME-W	1050	5000...25000	ER 16 - 8	43	3,2	4
Portalanbindung - Länge	2 m					
Steuerspannung	0 - 10 V					

* manuelle Steuerung der Drehzahl ist nicht möglich

Lieferumfang:

Fräsmotor, Netzkabel, Werkzeugaufnahme mit Präzisionsspannzange und Überwurfmutter, Bedienungsanleitung.

ZUBEHÖR

Werkzeug Halter SK20



Pneumatik Regelung



	Artikel-Nr.:	EAN-Nr.:
1050 FME-W	06083001	
Werkzeug Halter SK20	98045330	
Pneumatik Regelung	98045320	

Änderungen und Irrtum vorbehalten.

Stand 2018/03



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