



SHUANGXU
双旭科技



修整电主轴

DRESSING SPINDLE



www.shuangxu-tec.com



Spindles since 1947 



修整轴目录

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High Frequency Spindle

Series: MHF-22 Avant

N° article: 010-32-50-COD



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



22 mm



82 mm



60000 rpm



ER8-UP/0.5-5
mm

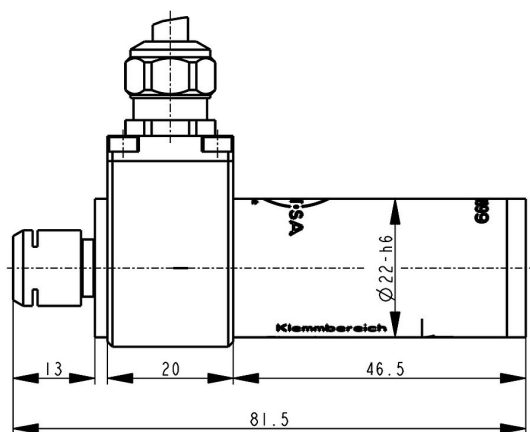


120 W



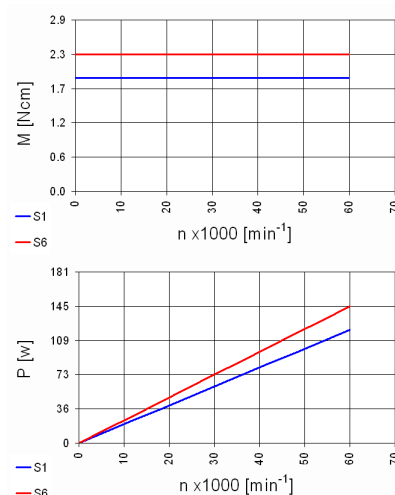
Grease

Dimensions / size



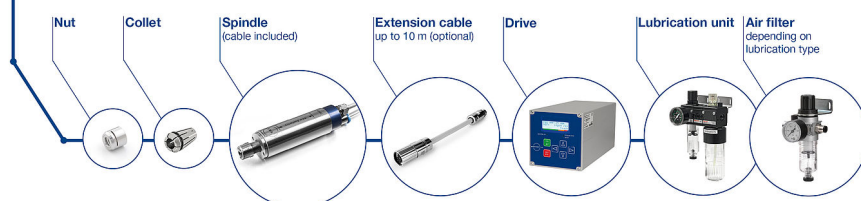
Motor specifications

Torque 1.9 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



High Frequency Spindle

Series: MHF-30 Axial

N° article: 010-51-00-COD



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



30 mm



122 mm



60000 rpm



Ø7 h6/7 mm



315 W

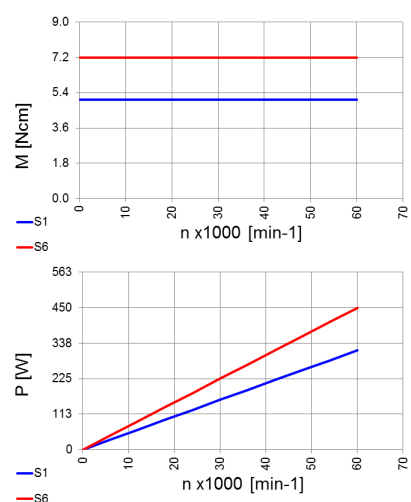
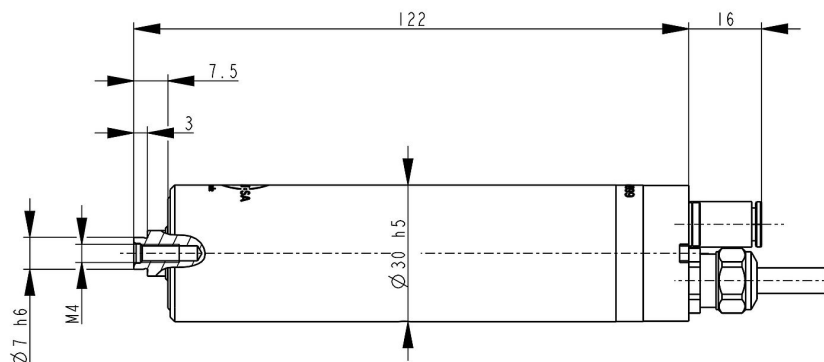


Grease

Dimensions / size

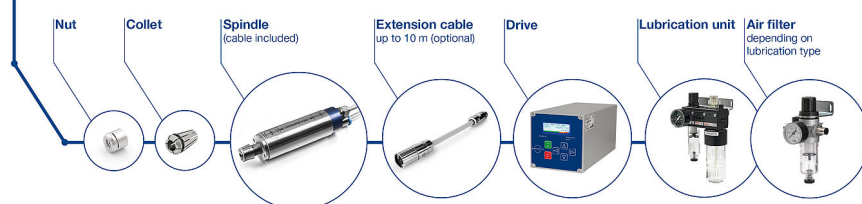
Motor specifications

Torque 5 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



High Frequency Spindle

Series: MHF-30 Axial

N° article: 010-52-00-COD



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



30 mm



122 mm



80000 rpm



Ø7 h6/7 mm

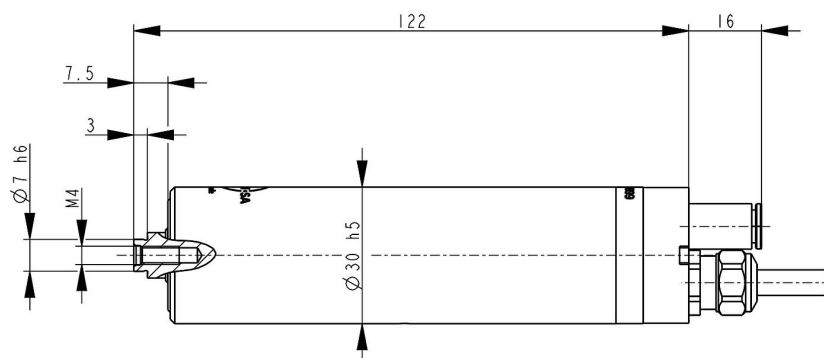


420 W



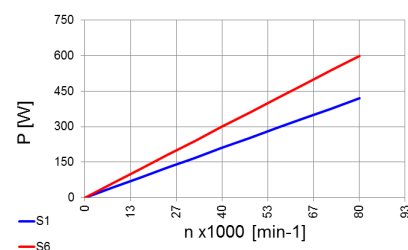
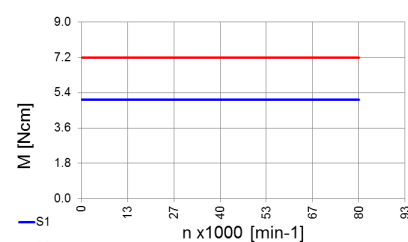
Air-oil

Dimensions / size



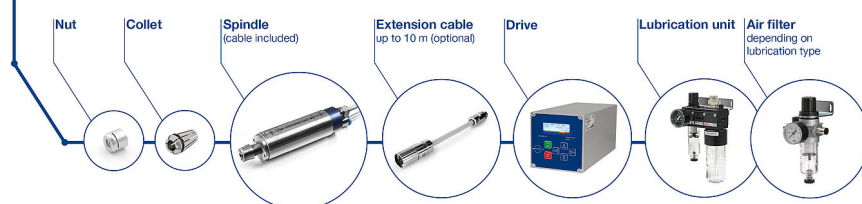
Motor specifications

Torque 5 (Ncm)



Plug and play set for motorized spindles

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High Frequency Spindle

Series: MHF-30 Radial

N° article: 010-52-50-COD



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



30 mm



129 mm



80000 rpm



Ø7 h6/7 mm

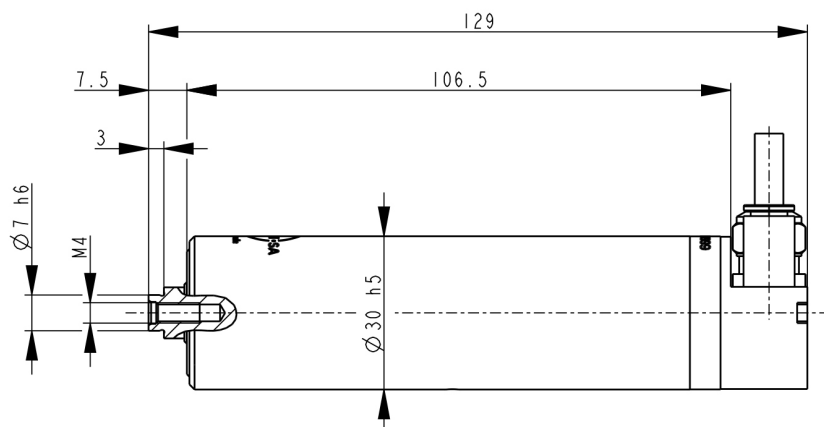


420 W



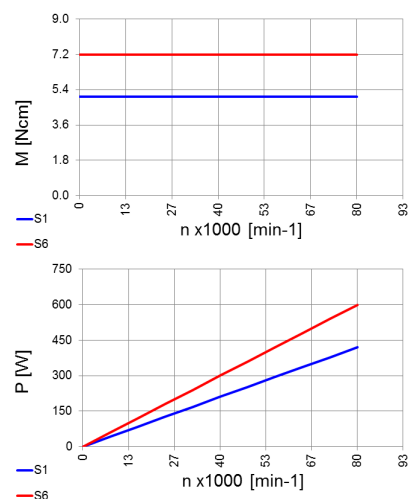
Air-oil

Dimensions / size



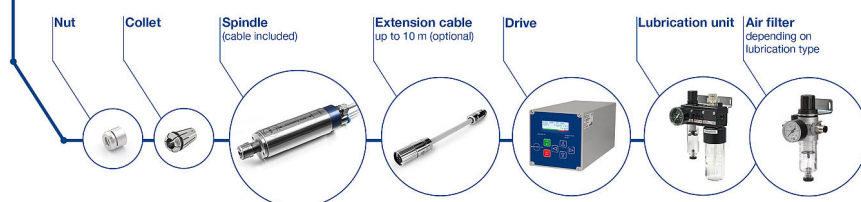
Motor specifications

Torque 5 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



High Frequency Spindle

Series: MHF-33 Axial

N° article: 010-55-00-COD



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



33 mm



122 mm



60000 rpm



Ø7 h6/7 mm



315 W

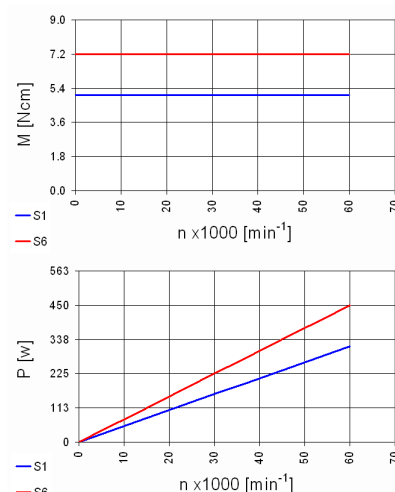
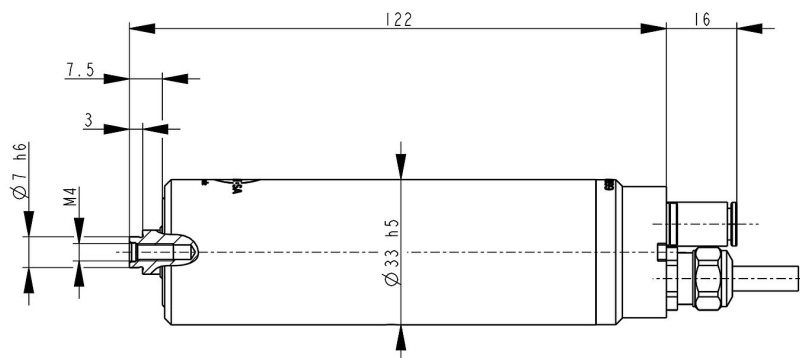


Grease

Dimensions / size

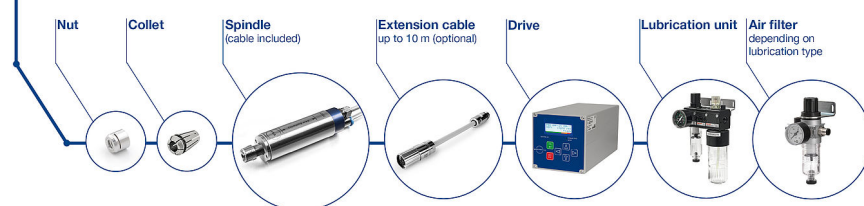
Motor specifications

Torque 5 (Ncm)



Plug and play set for motorized spindles

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High Frequency Spindle

Series: MHF-33 Radial

N° article: 010-55-50-COD



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



33 mm



129 mm



60000 rpm



Ø7 h6/7 mm

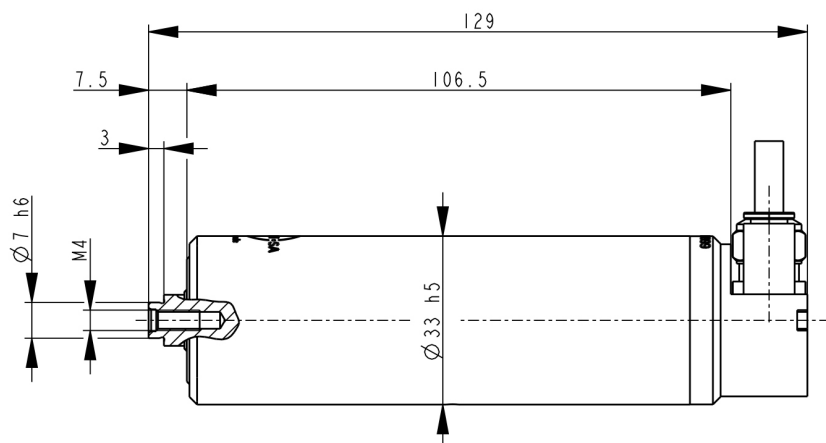


315 W



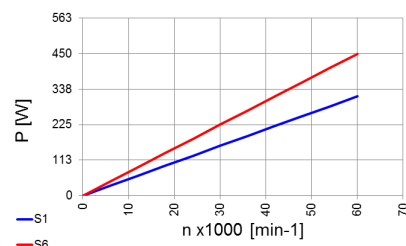
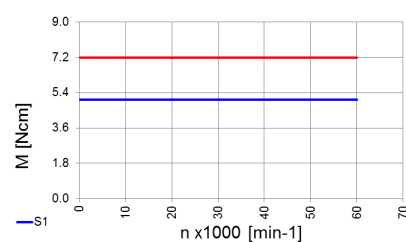
Grease

Dimensions / size



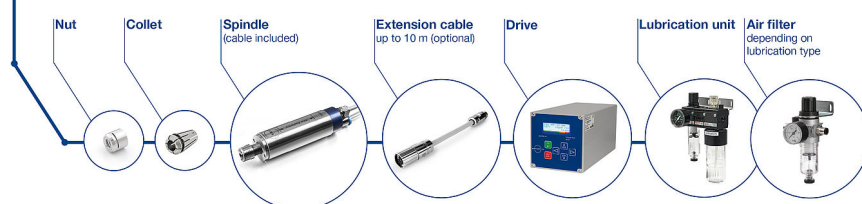
Motor specifications

Torque 5 (Ncm)



Plug and play set for motorized spindles

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High Frequency Spindle

Series: MHF-33 Axial

N° article: 010-56-00-COD



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



33 mm



122 mm



80000 rpm



Ø7 h6/7 mm



420 W

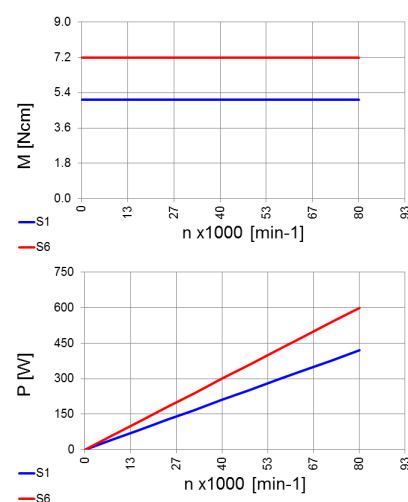


Air-oil

Dimensions / size

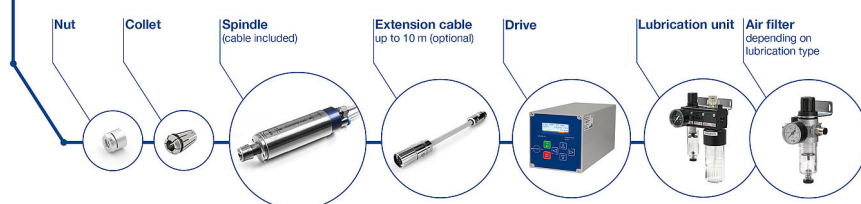
Motor specifications

Torque 5 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



High Frequency Spindle

Series: MHF-33 Radial

N° article: 010-56-50-COD



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



33 mm



129 mm



80000 rpm



Ø7 h6/7 mm

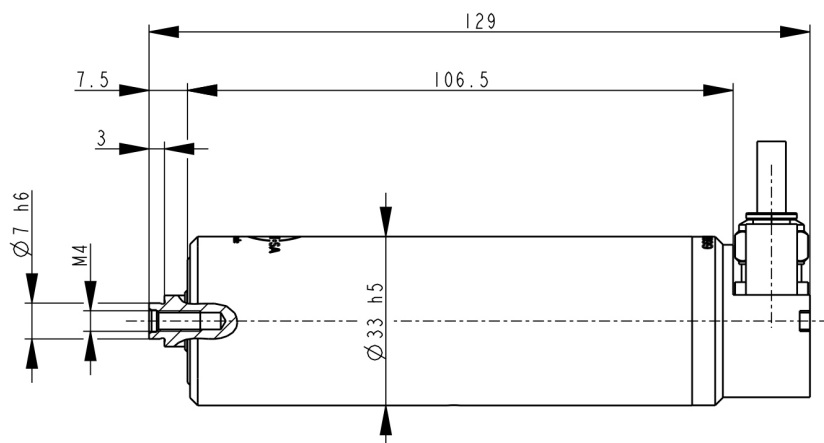


420 W



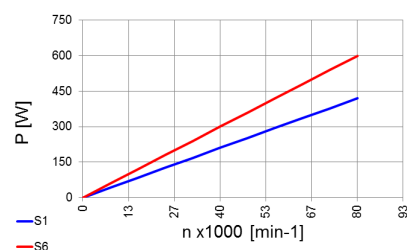
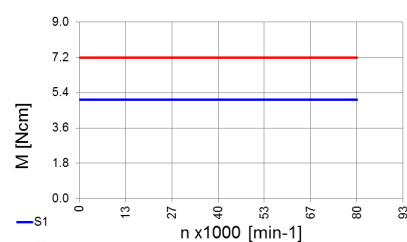
Air-oil

Dimensions / size



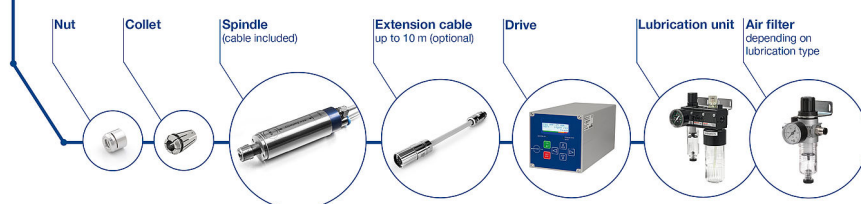
Motor specifications

Torque 5 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



Motorized Spindle

Series: MMO-38

N° article: 718-01-00

Industries



Application

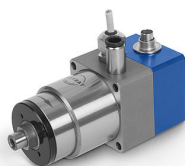


Operation of the spindle

Cooling	Air
Rotation	CCW
Function position	horizontal/vertical

Feature

AE sensor Elaso



38 mm



95 mm



25'000 rpm



Ø8 h4 / 8mm

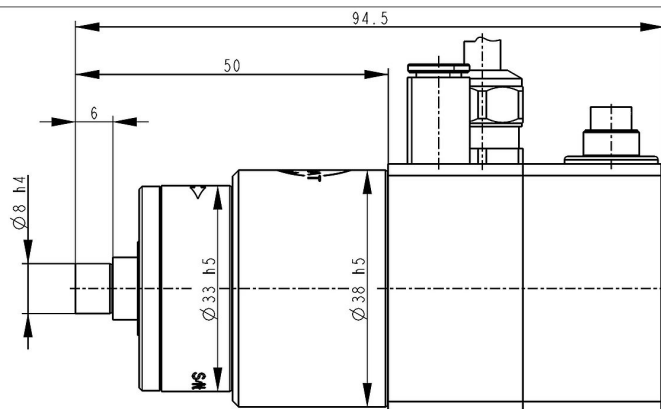


150 W



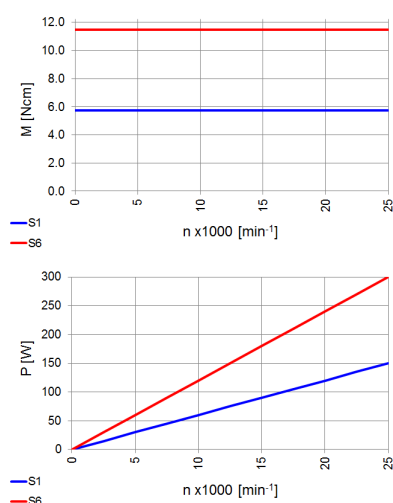
Grease

Dimensions / size



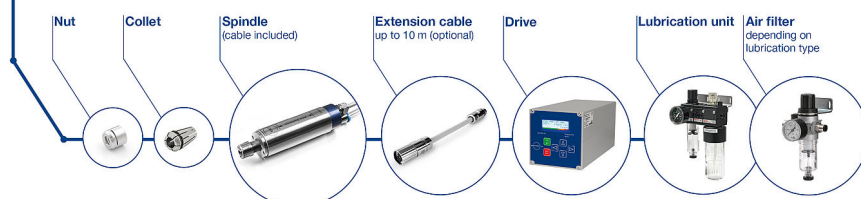
Motor specifications

Torque 5.7 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



Motorized Spindle

Series: MMO-38

N° article: 718-08-00

Industries

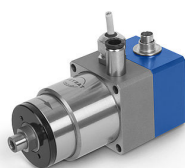


Application



Operation of the spindle

Cooling	Air
Rotation	CCW
Function position	horizontal/vertical



38 mm



78 mm



25'000 rpm



Ø8 h4 / 8mm

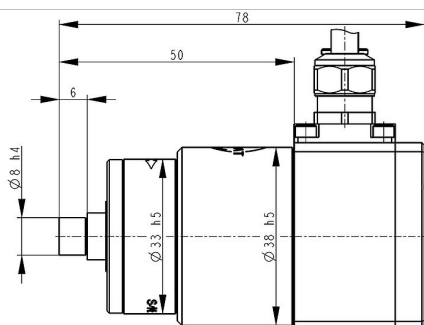


150 W



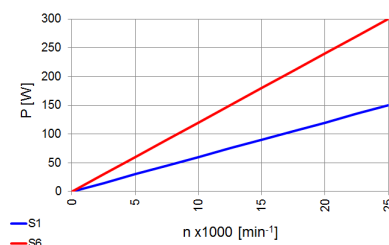
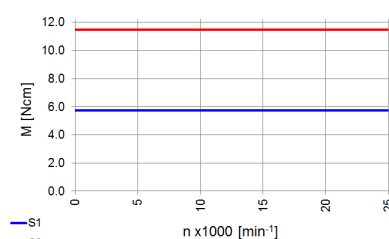
Grease

Dimensions / size



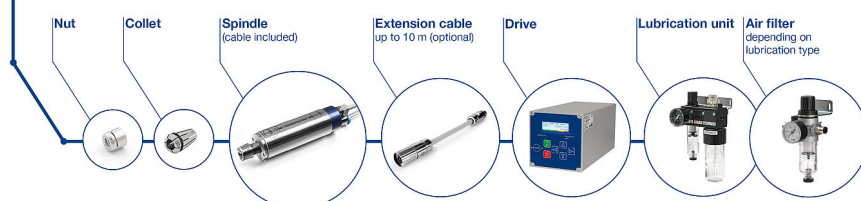
Motor specifications

Torque 5.7 (Ncm)



Plug and play set for motorized spindles

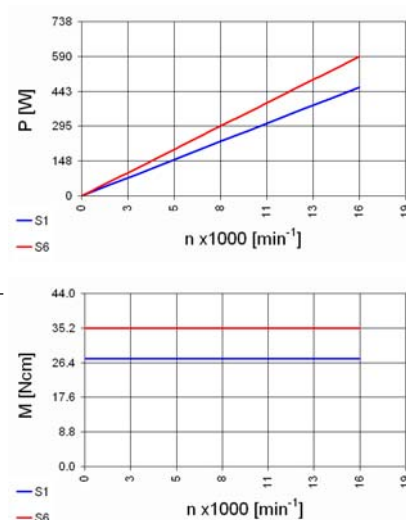
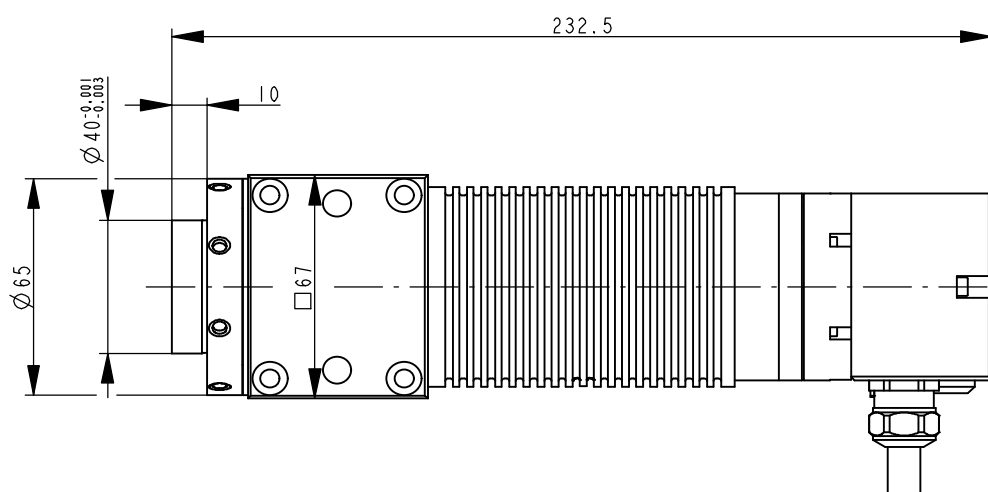
Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.





MMO-56 D40/16
456-04-00

Ø 56



Spindle data

Mounting type:	Side Flange
Body length:	232.5 mm
Front bearing:	2 hybrid bearings
Rear bearing:	2 steel bearings
Lubrication of bearings:	Grease
Rotation:	CW / CCW
Air-seal requirement:	0.3-0.5 bar
Tool interface:	Ø40 -0.001/-0.003
Mounting:	Horizontal and vertical
Cooling:	Air cooled

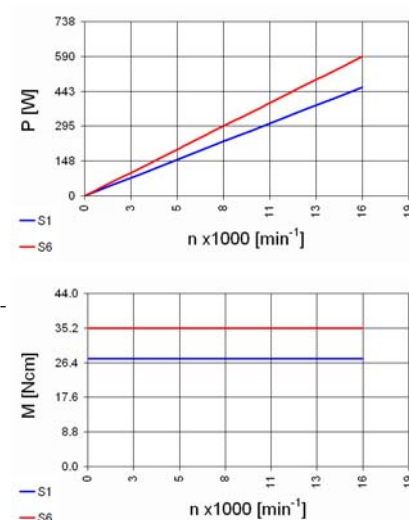
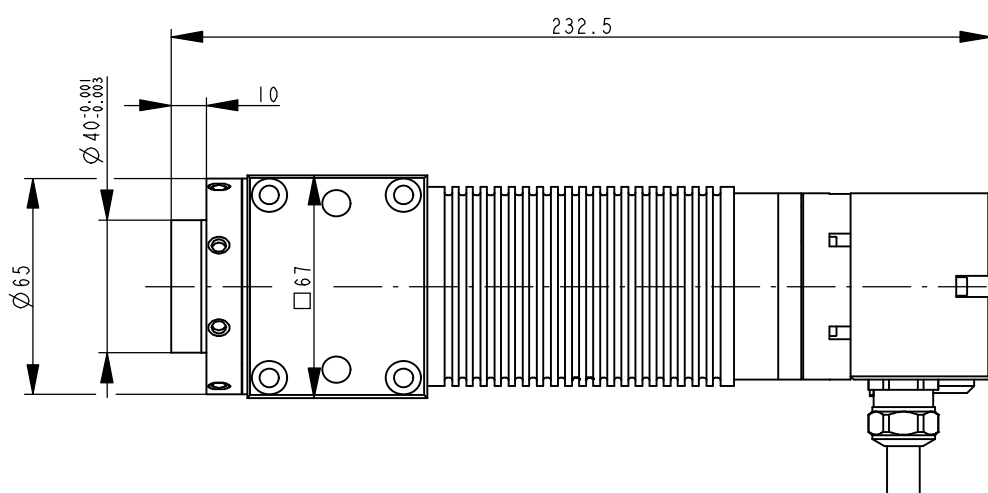
Motor data

	S1	S6 (40% ; t=2 min)	
Max. speed:	16'000	16'000	min ⁻¹
Frequency:	334	334	Hz
Voltage:	350	350	V
Amperage:	2	2.5	A
Power:	460	590	W
Torque:	27	35	Ncm



MMO-56 D40/16
456-02-00

Ø 56



Spindle data

Mounting type:	Side Flange
Body length:	232.5 mm
Front bearing:	2 hybrid bearings
Rear bearing:	2 steel bearings
Lubrication of bearings:	Grease
Rotation:	CW / CCW
Air-seal requirement:	0.3-0.5 bar
Tool interface:	Ø40 -0.001/-0.003
Mounting:	Horizontal and vertical
Cooling:	Air cooled
Particularity:	Tool Touch Detection

Motor data

	S1	S6 (40% ; t=2 min)	
Max. speed:	16'000	16'000	min ⁻¹
Frequency:	334	334	Hz
Voltage:	350	350	V
Amperage:	2	2.5	A
Power:	460	590	W
Torque:	27	35	Ncm

Motorized Spindle

Series: MMO-58 Axial

N° article: 173-27-00



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical

Feature

AE sensor Elaso



58 mm



155 mm



25'000 rpm



Ø20 h3 / 20 mm



580 W

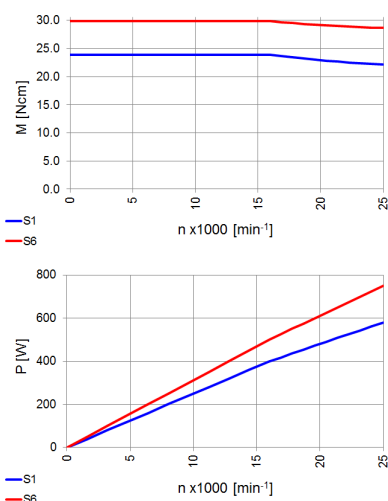
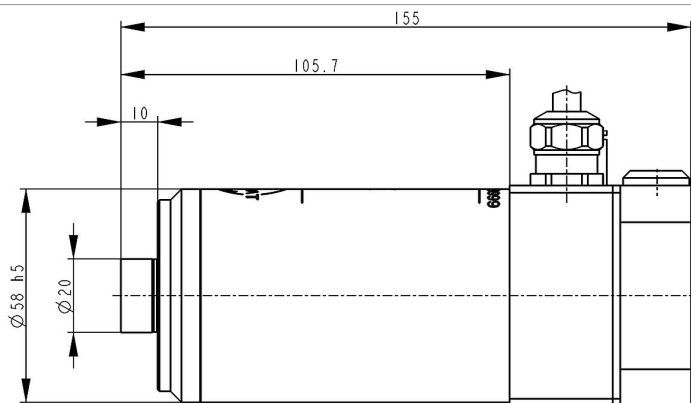


Grease

Dimensions / size

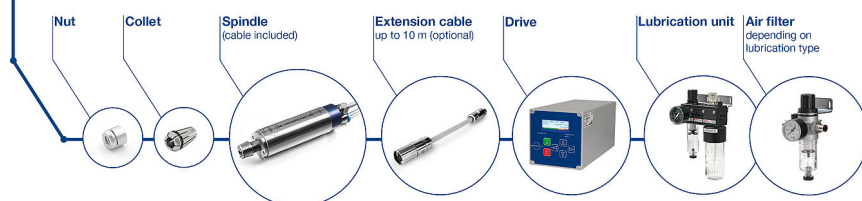
Motor specifications

Torque 0.22 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



Motorized Spindle

Series: MMO-58 Axial

N° article: 173-22-00



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical

Feature

AE sensor Marposs



58 mm



155 mm



25'000 rpm



Ø20 h3 / 20 mm



580 W

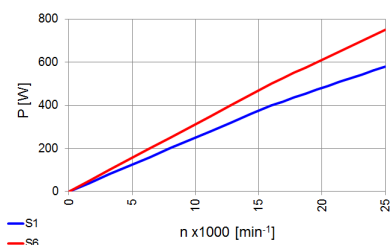
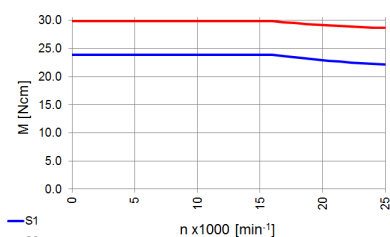
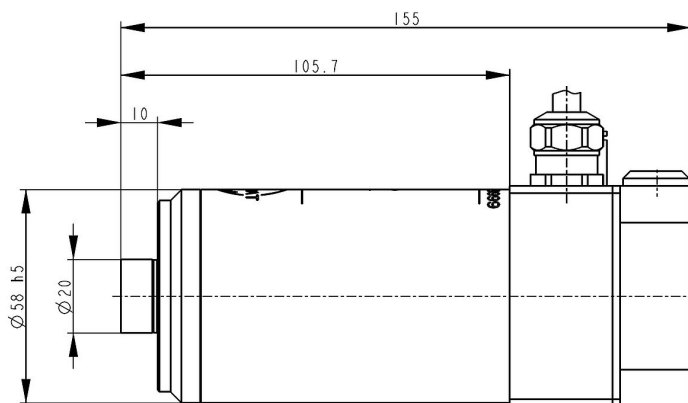


Grease

Dimensions / size

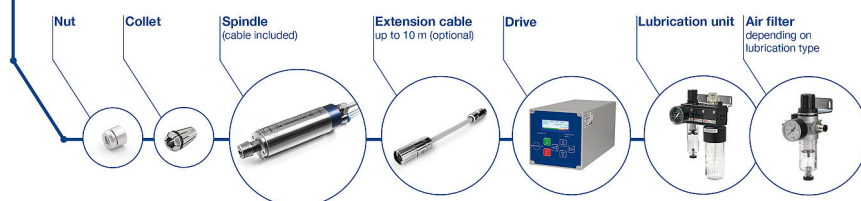
Motor specifications

Torque 0.22 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



Motorized Spindle Series: MMO-58 Axial

N° article: 173-23-00



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



58 mm



136 mm



25'000 rpm



Ø20 h3 / 20 mm

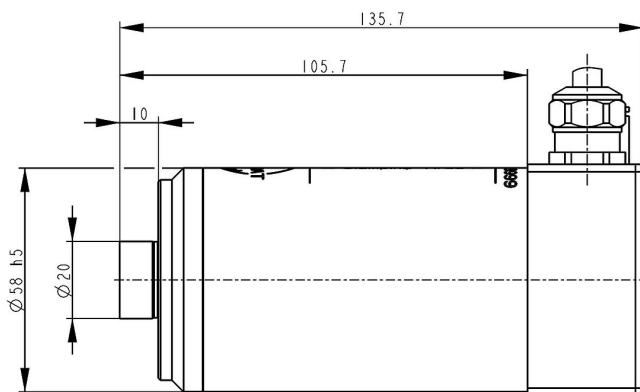


580 W



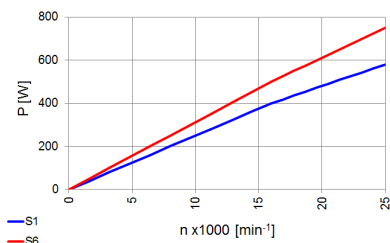
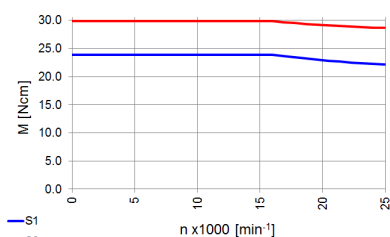
Grease

Dimensions / size



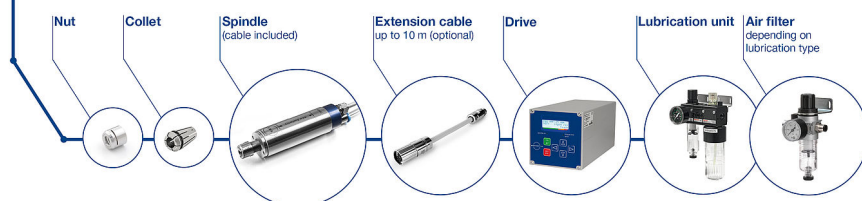
Motor specifications

Torque 0.22 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



Motorized Spindle

Series: MMO-60 Axial

N° article: 017-41-00

Industries



Application



Operation of the spindle

Cooling

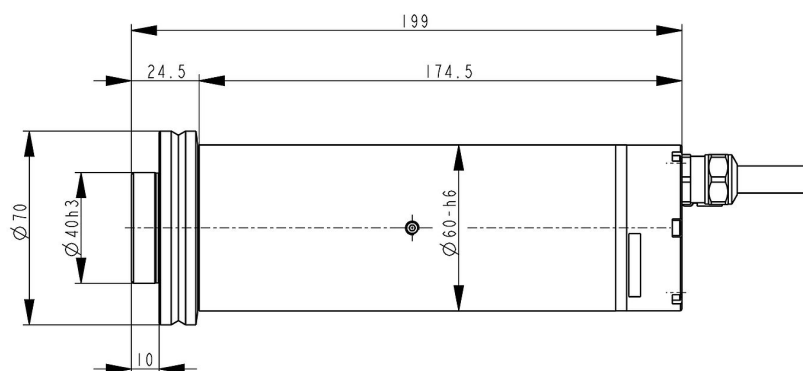
Water cooled - external cooling circuit

Rotation

CW / CCW

Function position

horizontal/vertical



60 mm



199 mm



8'000 rpm



Ø40 h3 / 40 mm



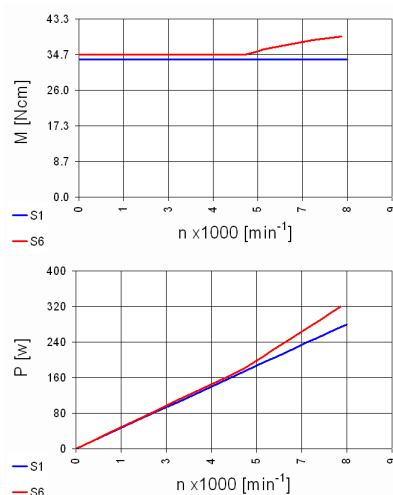
280 W



Grease

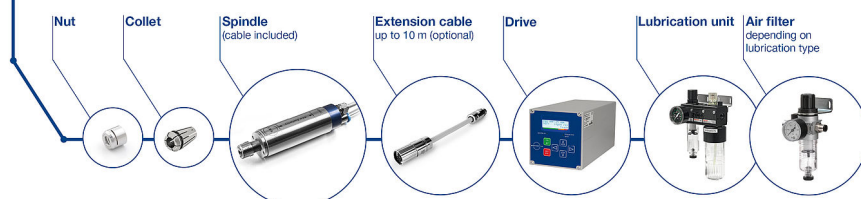
Motor specifications

Torque 33 (Ncm)



Plug and play set for motorized spindles

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Motorized Spindle

Series: MMO-60 Axial

N° article: 017-42-00

Industries



Application



Operation of the spindle

Cooling

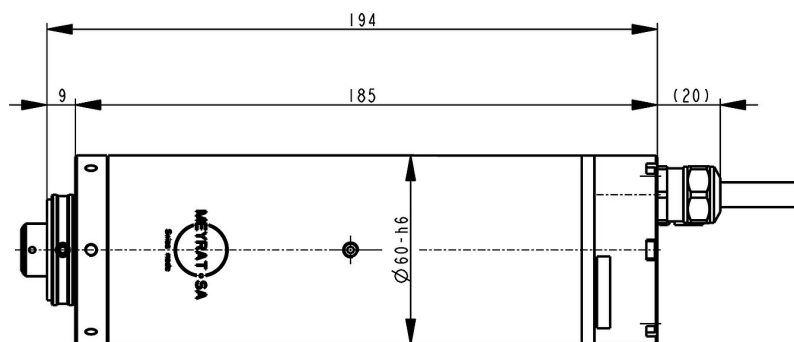
Water cooled - external cooling circuit

Rotation

CW / CCW

Function position

horizontal/vertical



60 mm



194 mm



8'000 rpm



HSK-C32



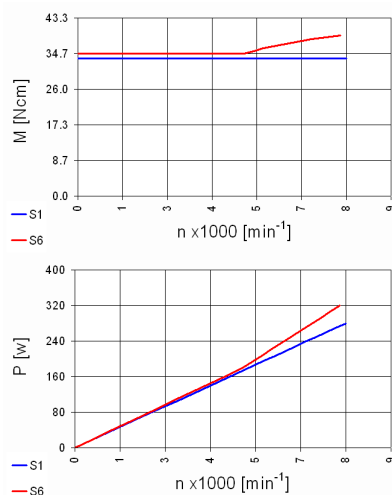
280 W



Grease

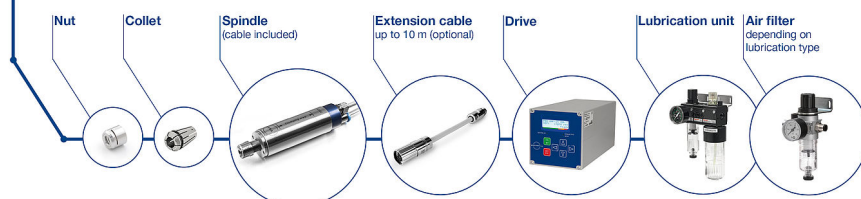
Motor specifications

Torque 33 (Ncm)



Plug and play set for motorized spindles

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Motorized Spindle

Series: MMO-72 Axial

N° article: 376-39-00

Industries

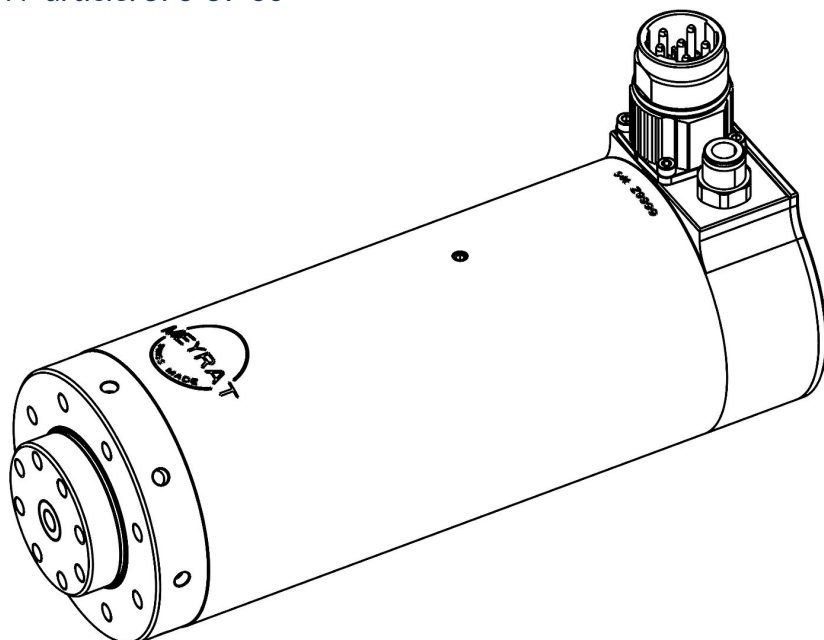


Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



72 mm



200 mm



16'000 rpm



Ø40 h3 / 40 mm



380 W

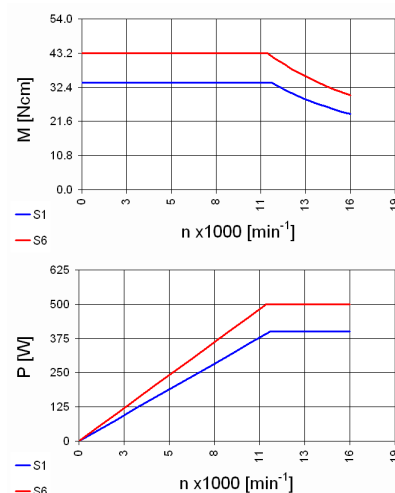
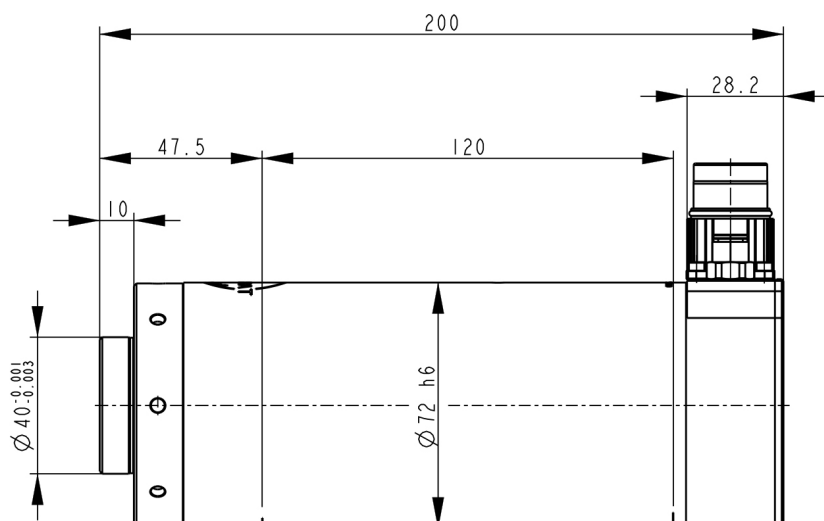


Grease

Dimensions / size

Motor specifications

Torque 24 (Ncm)



Motorized Spindle

Series: MMO-72 Axial

N° article: 376-47-00

Industries



Application

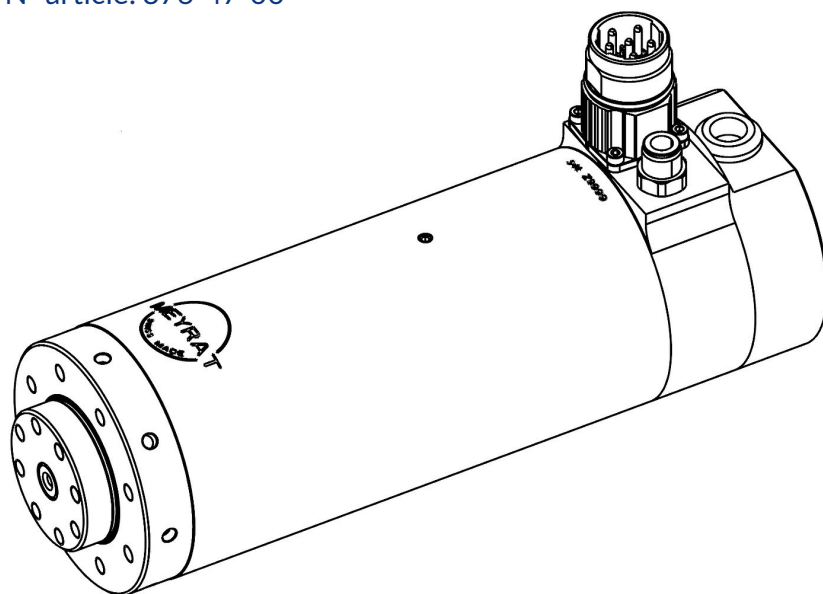


Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical

Feature

AE sensor Dittel



72 mm



220 mm



16'000 rpm



Ø40 h3 / 40 mm



380 W

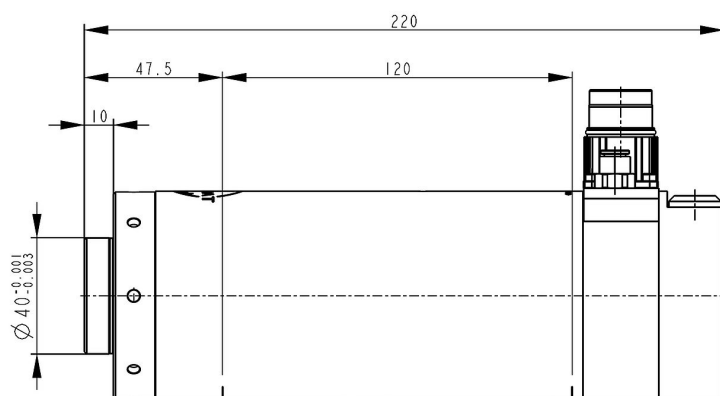
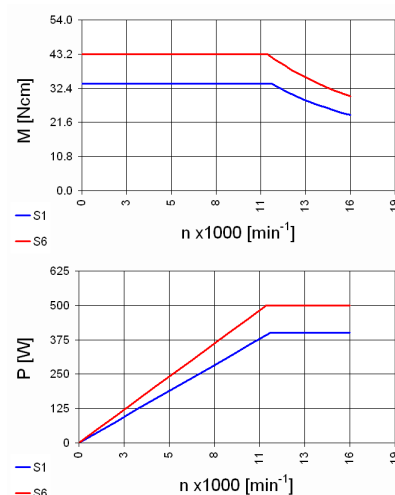


Grease

Dimensions / size

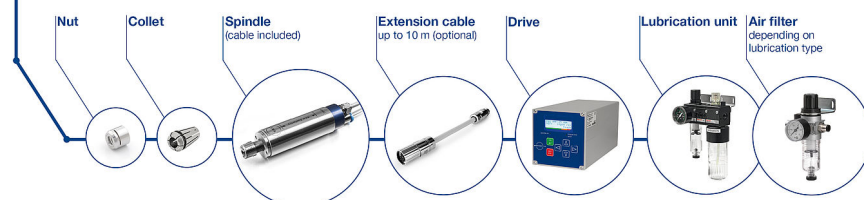
Motor specifications

Torque 24 (Ncm)



Plug and play set for motorized spindles

Meyrat spindles are delivered with a custom-developed accessory set for an easy installation and optimal control guaranteeing the best performance for your applications.



Motorized Spindle

Series: MMO-72 Axial

N° article: 376-40-00

Industries



Application

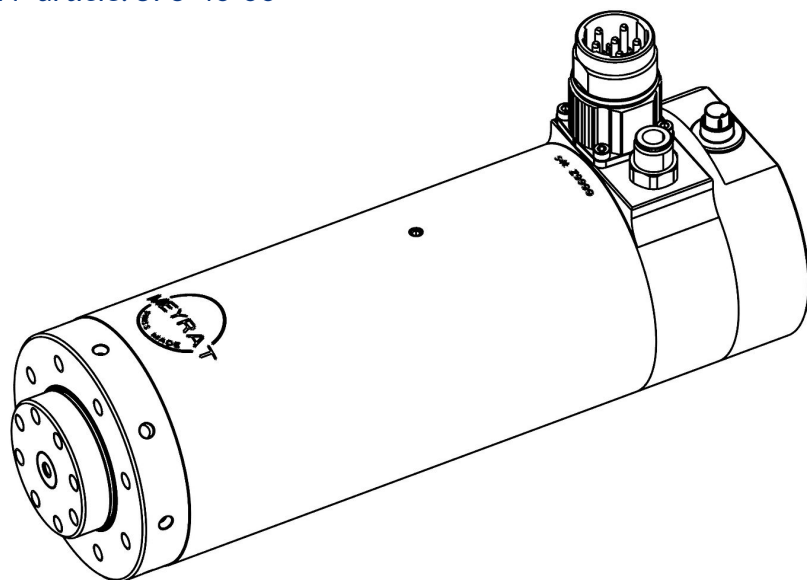


Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical

Feature

AE sensor Elaso



72 mm



220 mm



16'000 rpm

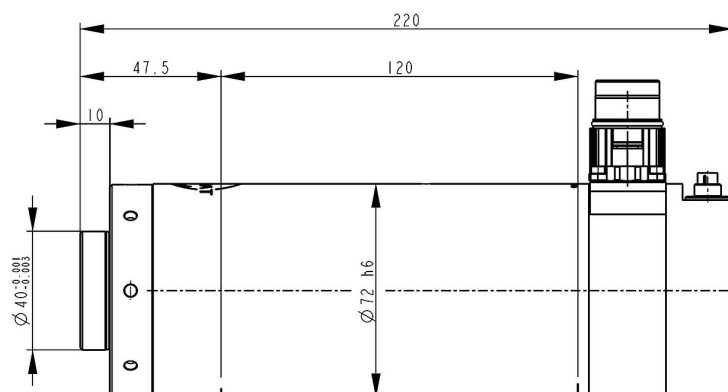


380 W



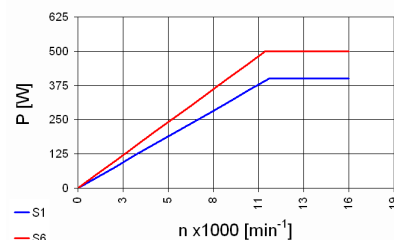
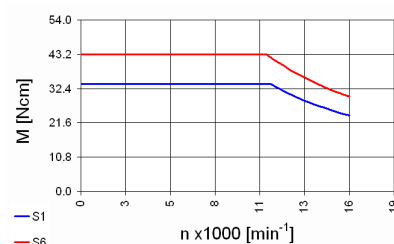
Grease

Dimensions / size



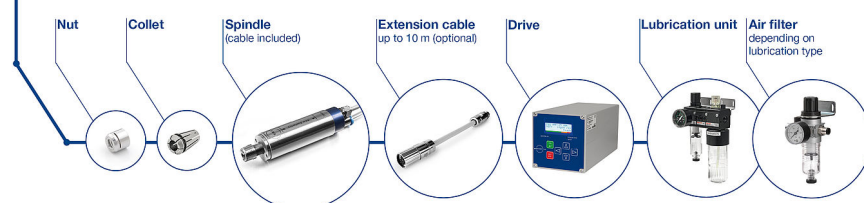
Motor specifications

Torque 24 (Ncm)



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Motorized Spindle

Series: MMO-72 Axial

N° article: 376-37-00

Industries

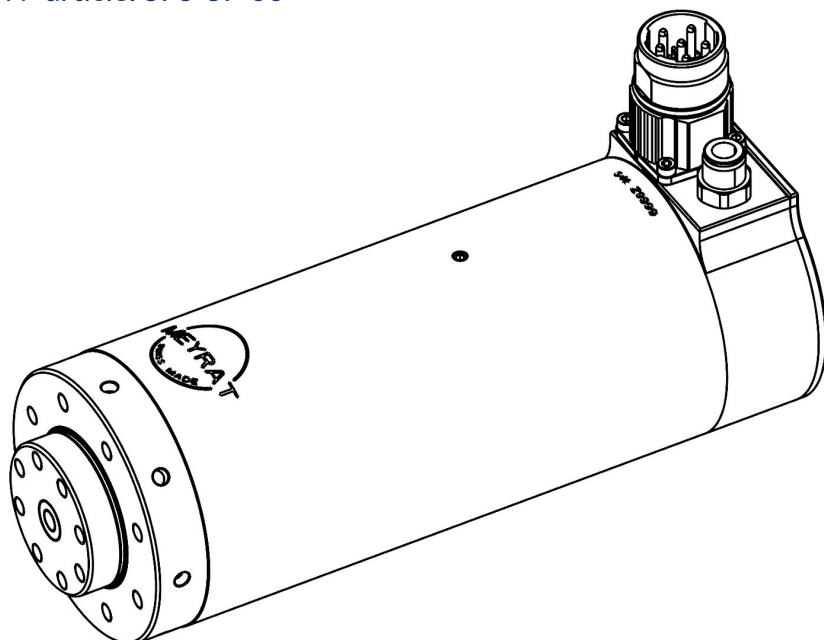


Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



72 mm



200 mm



7000 rpm



Ø40 h3 / 40 mm



800 W

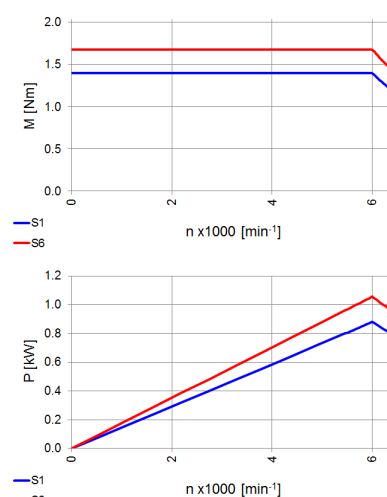
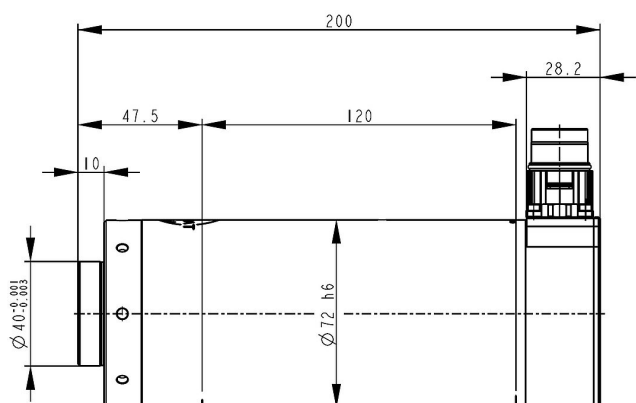


Grease

Dimensions / size

Motor specifications

Torque 1.19 (Ncm)



Motorized Spindle

Series: MMO-72 Axial

N° article: 376-38-00

Industries

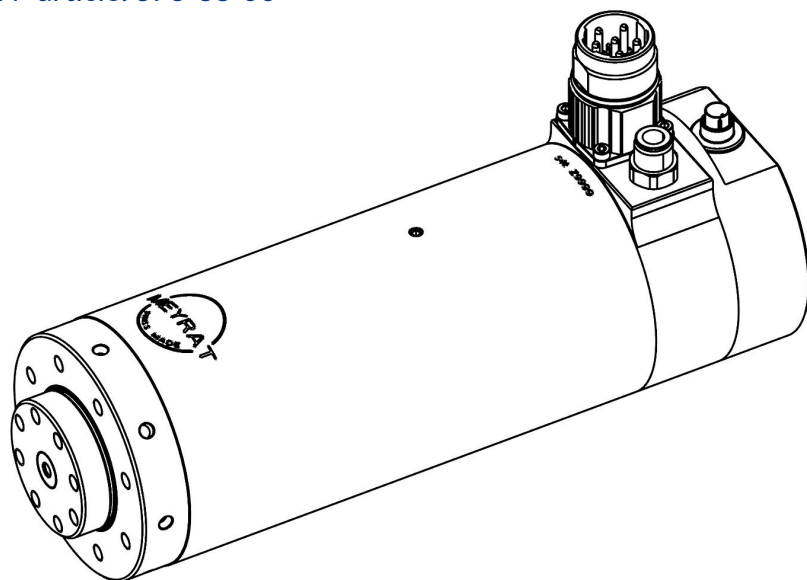


Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



72 mm



220 mm



7000 rpm



Ø40 h3 / 40 mm



800 W

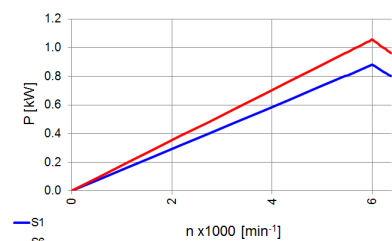
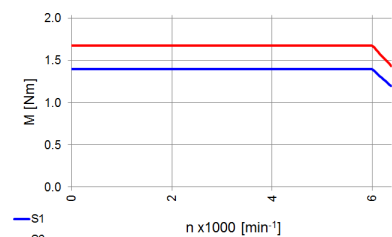
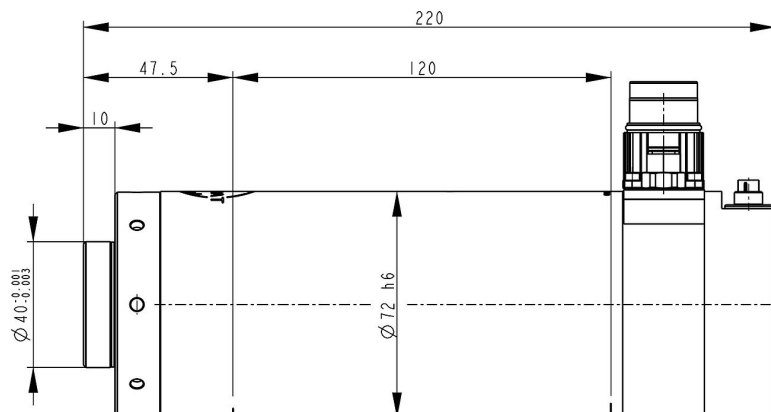


Grease

Dimensions / size

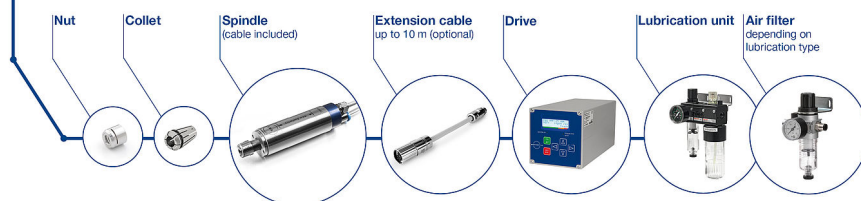
Motor specifications

Torque 1.19 (Ncm)



Plug and play set for motorized spindles

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Motorized Spindle

Series: MMO-72 Axial

N° article: 376-46-00

Industries



Application

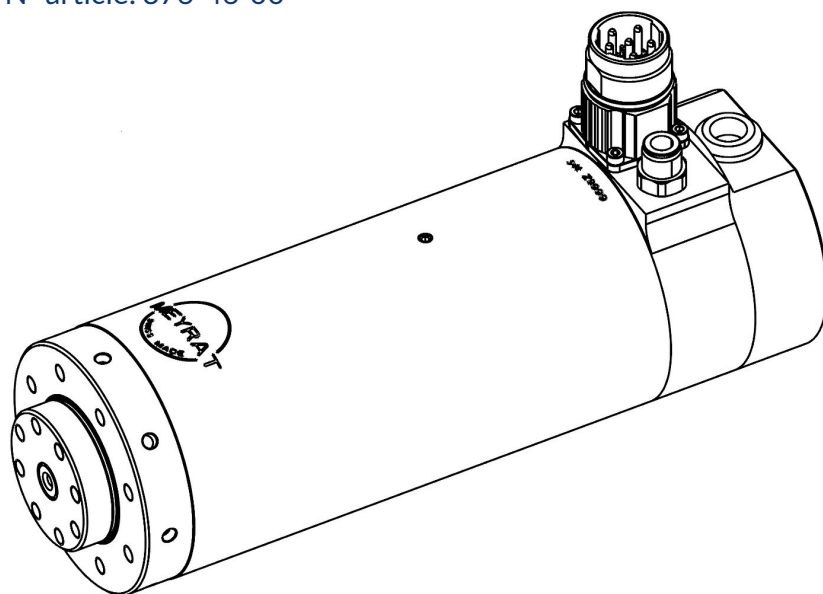


Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical

Feature

AE sensor Dittel



72 mm



220 mm



7000 rpm



Ø40 h3 / 40 mm



800 W

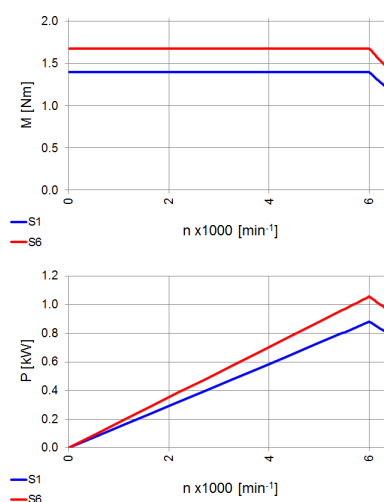
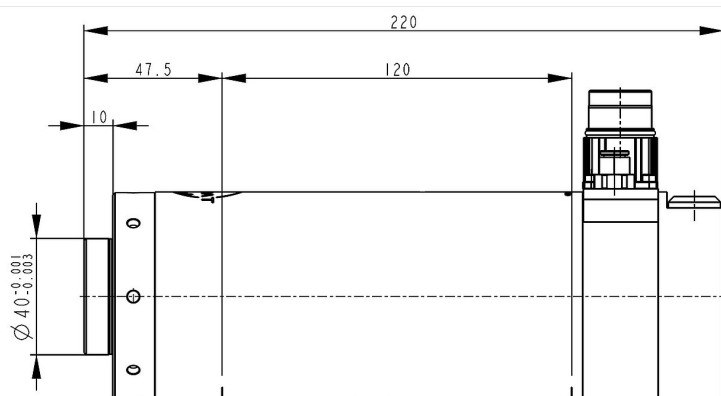


Grease

Dimensions / size

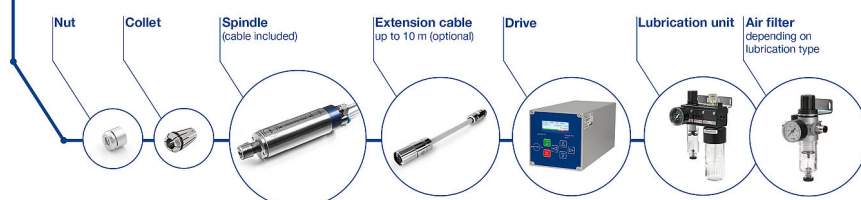
Motor specifications

Torque 1.19 (Ncm)

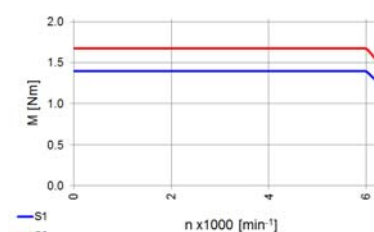
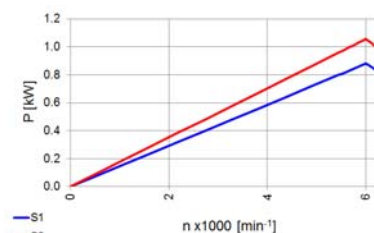
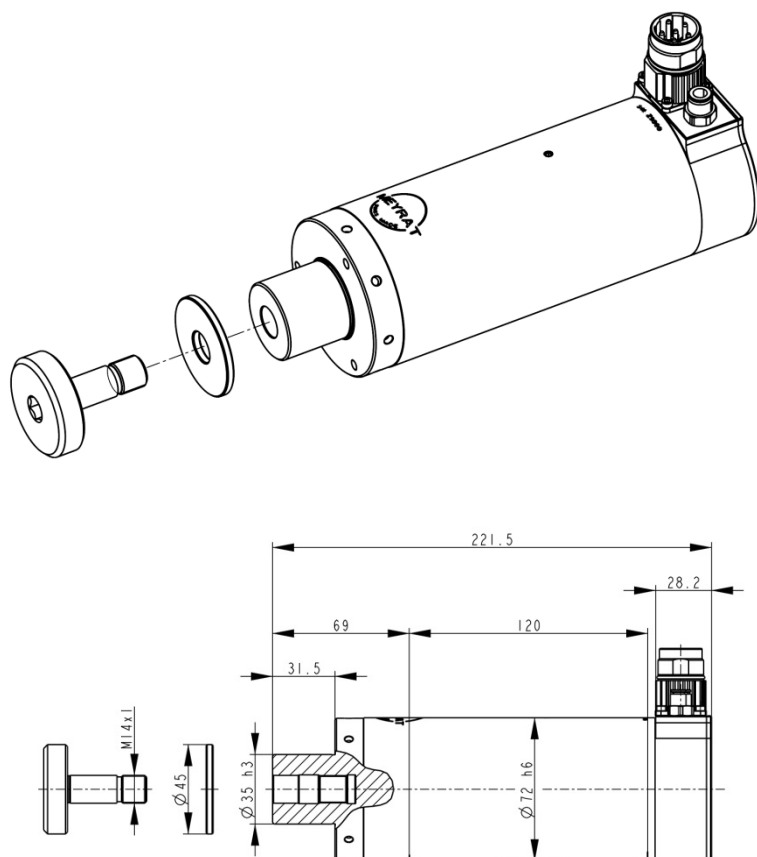


Plug and play set for motorized spindles

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MMO-72 D35/7
Art. N° 376-41-00 | Ø72



Spindle data

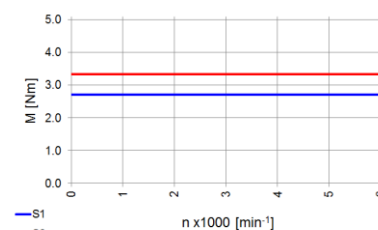
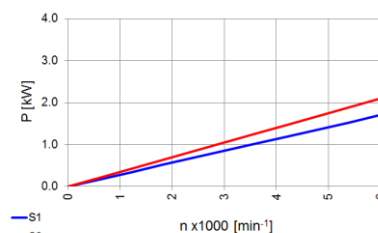
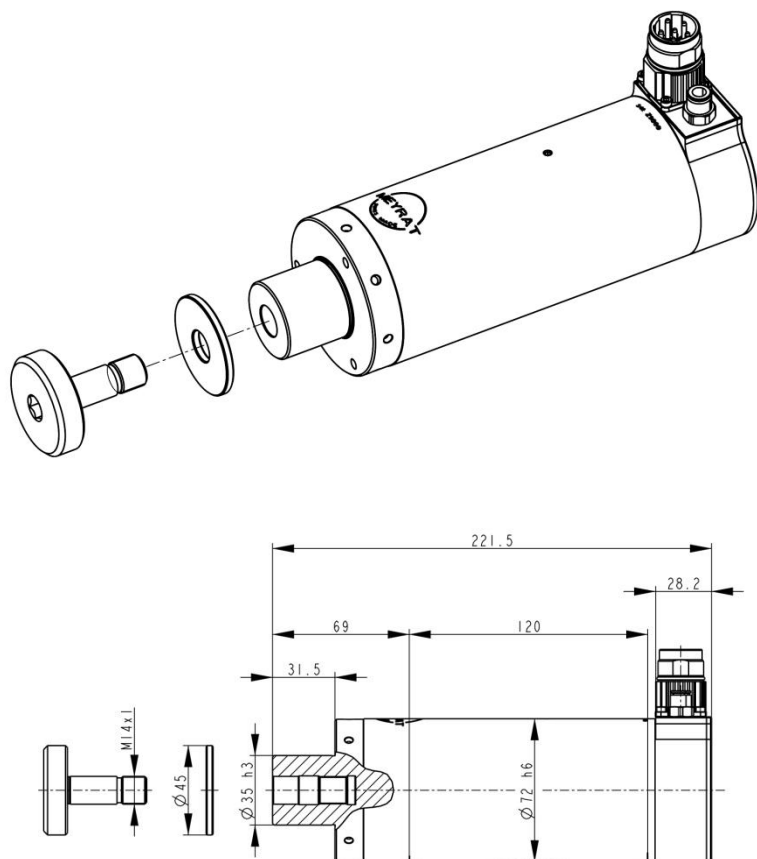
Mounting type	Clamping ; Ø 72 h6
Body length	221.5 mm
Front bearing	2 steel bearings
Rear bearing	2 steel bearings
Lubrication of bearings	Grease
Rotation	CW / CCW
Air-seal requirement	0.8 bar
Tool interface	Ø35 h3
Mounting	Horizontal and vertical
Cooling	Air cooled

Motor data

	S1	S6	
Max. speed	7000	7000	Min ⁻¹
Frequency	233	233	Hz
Voltage	350	350	V
Amperage	2.7	3.4	A
Power	900	1'100	W
Torque	1.6	2	Nm

MMO-72 D35/6 | Ø72

Art. N° 376-42-00



Spindle data

Mounting type	Clamping ; Ø 72 h6
Body length	221.5 mm
Front bearing	2 steel bearings
Rear bearing	2 steel bearings
Lubrication of bearings	Grease
Rotation	CW / CCW
Air-seal requirement	0.8 bar
Tool interface	Ø35 h3
Mounting	Horizontal and vertical
Cooling	Air cooled
	 Liquid cooling of spindle body is necessary.

Motor data	S1	S6	
Max. speed	6000	6000	Min⁻¹
Frequency	200	200	Hz
Voltage	300	318	V
Amperage	4.1	5.2	A
Power	1700	2100	W
Torque	2.7	3.3	Nm

Motorized Spindle

Series: MMO-72 Axial

N° article: 718-05-00

Industries

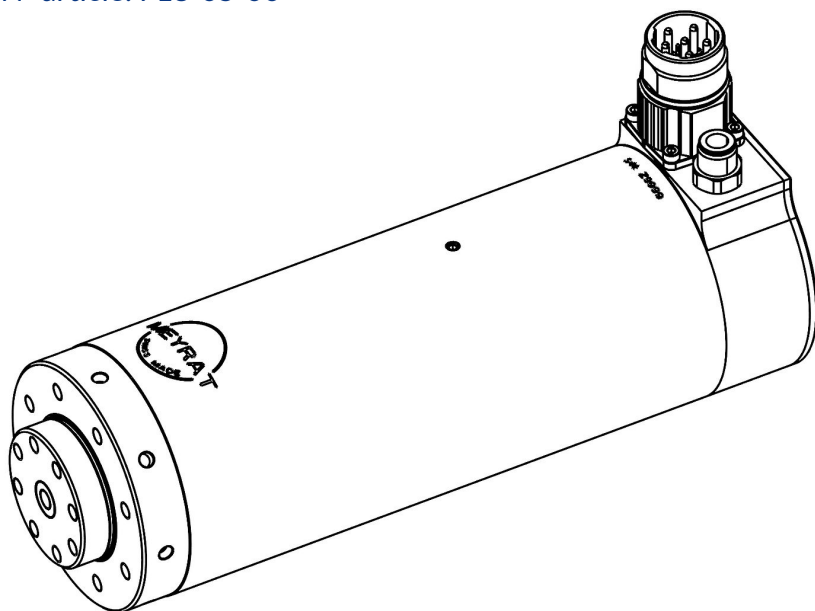


Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical



72 mm



220 mm



16'000 rpm



Ø40 h3 / 40 mm



1'800 W

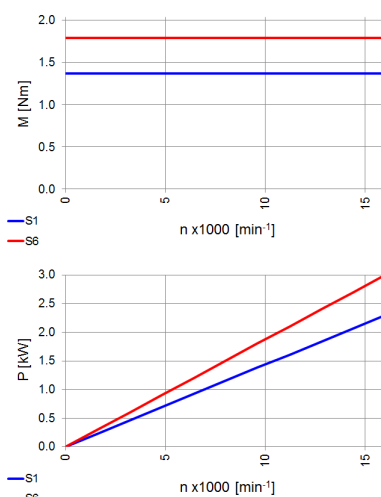


Grease

Dimensions / size

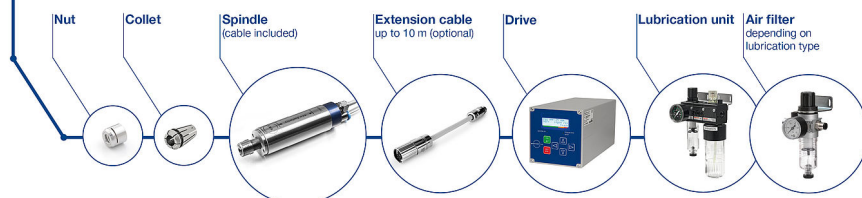
Motor specifications

Torque 1.1 (Ncm)



Plug and play set for motorized spindles

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Motorized Spindle

Series: MMO-72 Axial

N° article: 718-03-00

Industries



Application

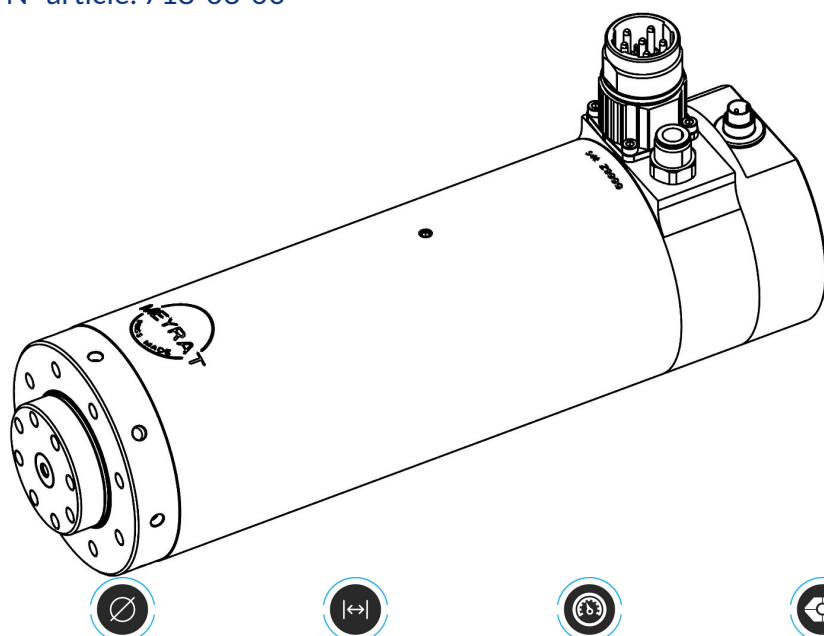


Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical

Feature

AE sensor Elaso



72 mm



240 mm



16'000 rpm



Ø40 h3 / 40 mm

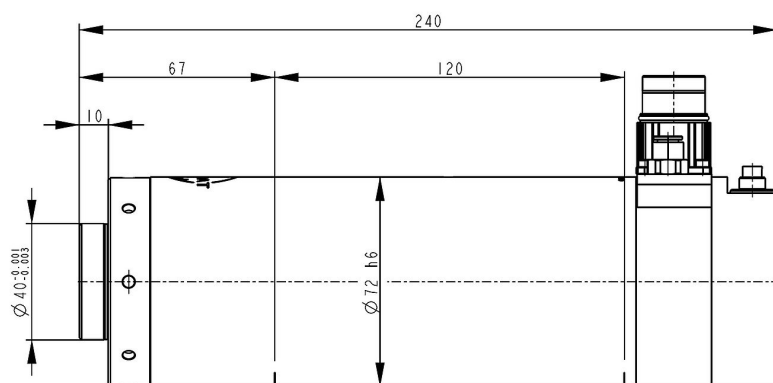


1'800 W



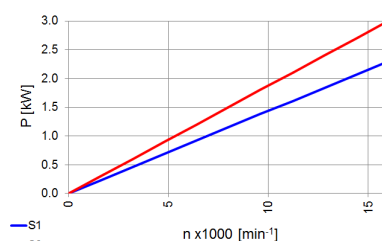
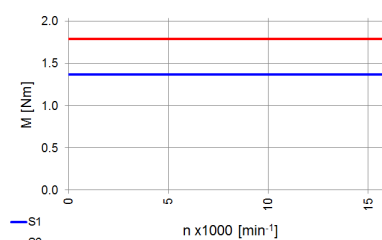
Grease

Dimensions / size



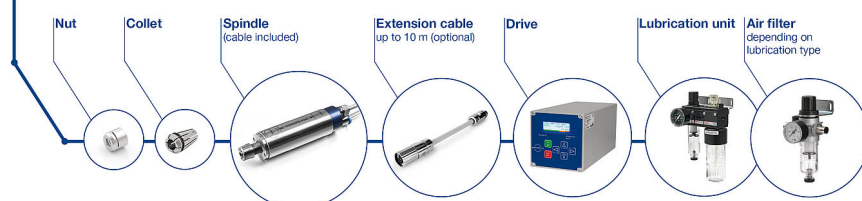
Motor specifications

Torque 1.1 (Ncm)



Plug and play set for motorized spindles

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Motorized Spindle

Series: MMO-72 Axial

N° article: 376-26-00



Industries



Application



Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical

Feature

40 h3 / AE sensor + encoder



72 mm



268 mm



16'000 rpm



Ø40 h3 / 40 mm

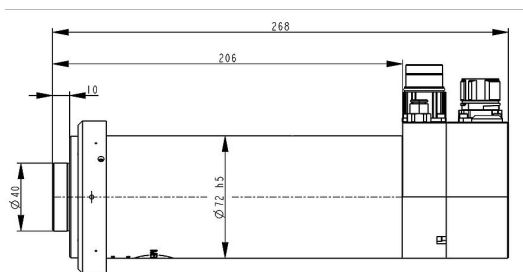


1'800 W

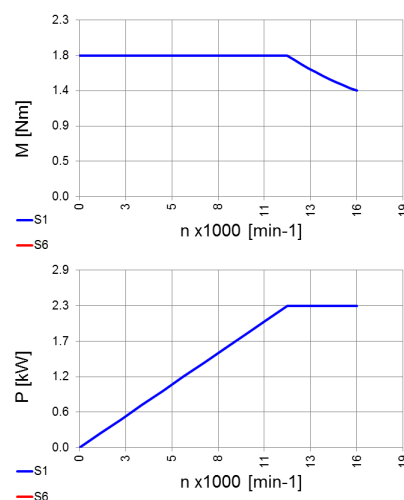


Grease

Dimensions / size



Motor specifications



Motorized Spindle

Series: MMO-72 Axial

N° article: 718-06-00

Industries



Application

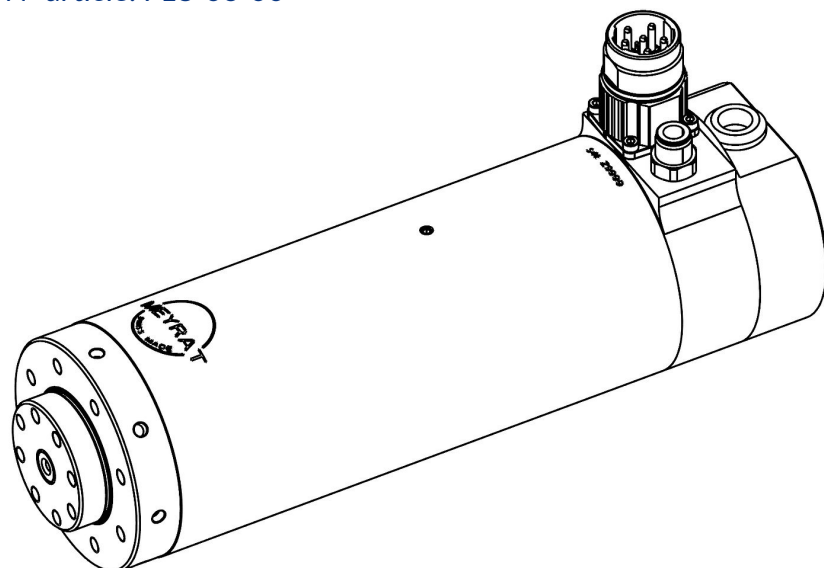


Operation of the spindle

Cooling	Air
Rotation	CW / CCW
Function position	horizontal/vertical

Feature

AE sensor Dittel



72 mm



240 mm



16'000 rpm



Ø40 h3 / 40 mm

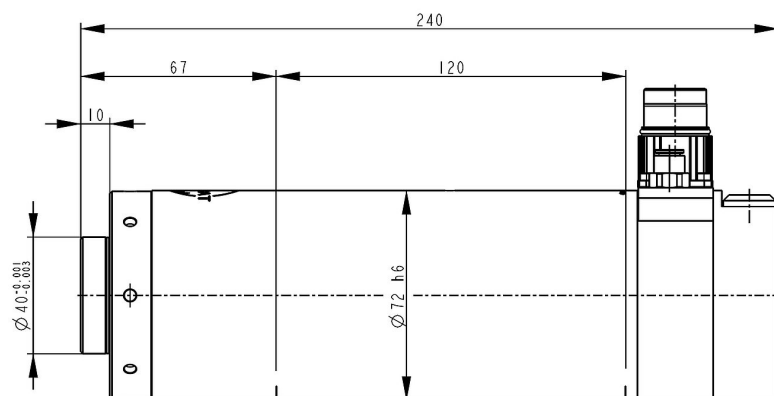


2'300 W



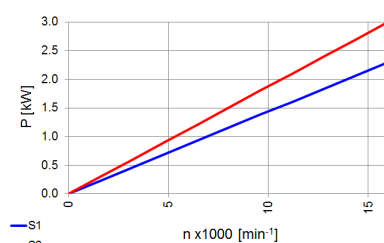
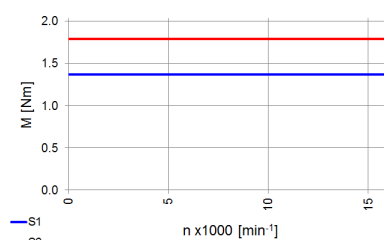
Grease

Dimensions / size



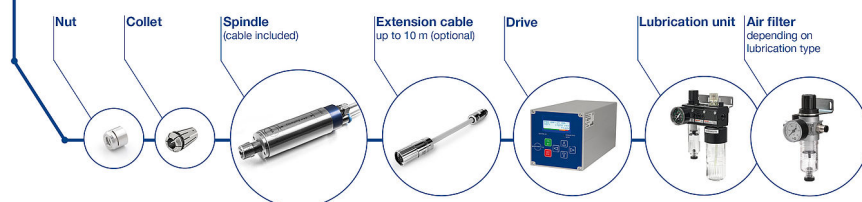
Motor specifications

Torque 1.4 (Ncm)



Plug and play set for motorized spindles

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