VM 10 & VM 17

Air-cooled motors with built-in fan intended for hand work and as auxiliary spindles in machines where light drilling, grinding, milling and deburring is required.

Stainless steel housings are recommended when installing spindles into machines. Compressed air cooling (P) is advisable when operating in either dirty or hostile environments or where more effective cooling is required. Noise levels will also be lower.

As motors are manufactured to the highest possible standards with all rotating parts dynamically balanced spare parts are fully interchangeable thus ensuring consistent performance.

When servicing becomes necessary it is recommended that spindles and converters be returned to our factory.

STANDARD EXECUTION

HOUSING
Anodized aluminium
Stainless steel (R)

•

COOLING
Built-in fan
Compressed air-cooled (P)

•

BEARINGS
Selfcontained, fixed preloaded high precision deep groove ball bearings.

•

ELECTRICAL CONNECTION
6-pole contact through converter

•

ROTATION DIRECTION
Right rotation

•

ACCESSORIES
Case
Connection cable (3 m)
2 off wrenches
1 off collet

SPECIAL EXECUTION

Left rotation

•

Spindle nose with regofix collet
ER 8 (max 5,0 mm)
ER 11 (max 7,0 mm)

•

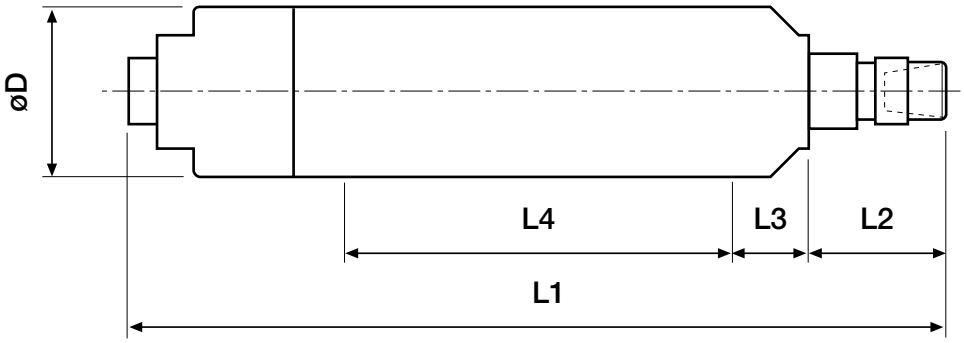
Spindle with angular connection for power and compressed air (AC)

•

Ceramic bearing

rsp robot system products
Isolatorvägen 4, 721 37 Västerås
Tel: +46 (0)21 81 66 16
Fax: +46 (0)21 81 66 01
www.robotsystemproducts.com

VM 10 & VM 17



Technical Specifications		VM 10	VM 17
Dimensions, mm	D (h7)	33	45
	L1	167	226
	L2 (incl. collet)	26	37
	L3	15	20
	L4	71	102
Weight, kg		0,3	0,9
Spindle nose type		10	17
Included collet (ø)		3,0	6,0
Max. collet diameter (ø)		4,0	8,0
Input, max kW		0,20	0,56
Output, max kW		0,10	0,40
Voltage, Band		Öberg/Nema 6 **	Öberg/S2 **
Speed, max rpm		72.000	54.000
Speed, min rpm		36.000	15.000
Max. run-out (mm)		0,01	0,01
Max coaxiality (mm)		0,3	0,3
Air consumption (l/min) *		50	90
Noise level (dBa)		74	82

Accessories	VM 10	VM 17
Converter	SF 750 / SF 700 **	SF 750 / SF 700 **
Air regulator (10–100 l/min)	EK-6273	EK-6273

CE-approval / EMC test
All SPINTEC products are CE-approved and EMC-tested acc. to EMC directive 89/336/EEC with test according to EN 50 081-2 (1993) & EN 50 082-2 (1995)

* *Airflow between spindle and air regulator adjustable for different working cycles*
** *High voltage (max 240V)*

We reserve the right to make alterations in design

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