

## S 20 & S 28

# SPINTEC®

### STANDARD EXECUTION

#### HOUSING

Stainless steel



#### COOLING

Water cooling



#### BEARINGS

Selfcontained, spring preloaded, high precision angular contact ball bearings.



#### ELECTRICAL CONNECTION

6-pole contact with PTC through converter



#### WATER CONNECTION

Connections at the back for inlet and outlet (R 1/8")



#### ROTATION DIRECTION

Possible to run in both directions



#### ACCESSORIES

Case

Connection cable (3 m)

2 off chuck wrenches

1 off collet

### SPECIAL EXECUTION

Ceramic ball bearings



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

**rsp** robot system  
products

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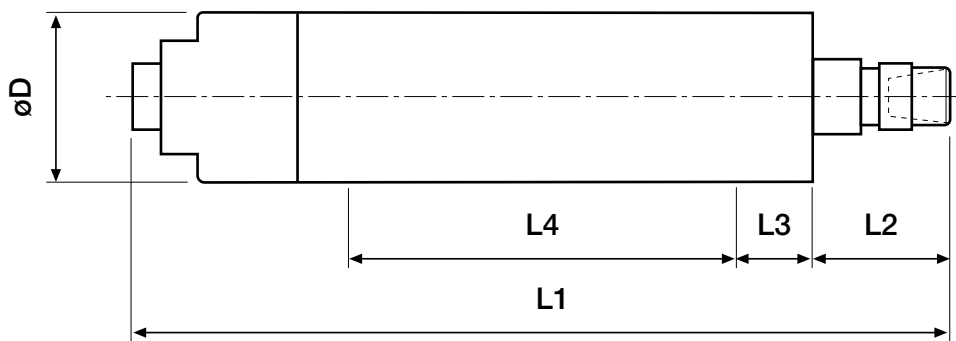
**Water cooled spindles** are intended for building into machines, where power, wide speed range and low noise levels are essential.

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.



# S 20 & S 28



Technical Specifications		S 20-60	S 28-40
Dimensions, mm	D (h6)	60	80
	L1	259	300
	L2 (incl. collet)	36	34
	L3	25	35
	L4	168	177
Weight, kg		3,6	6,8
Spindle nose type		17	17/40
Included collet (ø)		6,0	6,0/8,0
Max. collet diameter (ø)		8,0	8,0/12,0
Input, max kW		0,80	1,55
Output, max kW		0,65	1,10
Voltage, Band		Öberg/S2 ***	Nema 5
Speed, max rpm		60.000	40.000
Speed, min rpm		15.000	9.000
Max run-out (mm)		0,005	0,005
Max coaxiality (mm)		0,05	0,05
Water consumption (l/min) *		0,6	1,2
Noise level (dBa)		64	60

Accessories	S 20-60	S 28-40
Converter	SF 750/SF 700 ***	SF 3000
Water regulator (0,1 - 1,25 l/min)	EK-4AA	EK-4AA
Cooling system **	PWK 17-S	PWK 17-S

## 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)

\* Depending of the surrounding temperature etc.

\*\* In locations where the surrounding temperature exceeds 25°C or when the spindle works continuously with a high output (>80% of max. output) we recommend using the PHK 1025

\*\*\* High voltage (max 240V)

We reserve the right to make alterations in design.



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