

HOCHFREQUENZ-MOTORSPINDEL
HIGH-FREQUENCY MOTOR SPINDLE

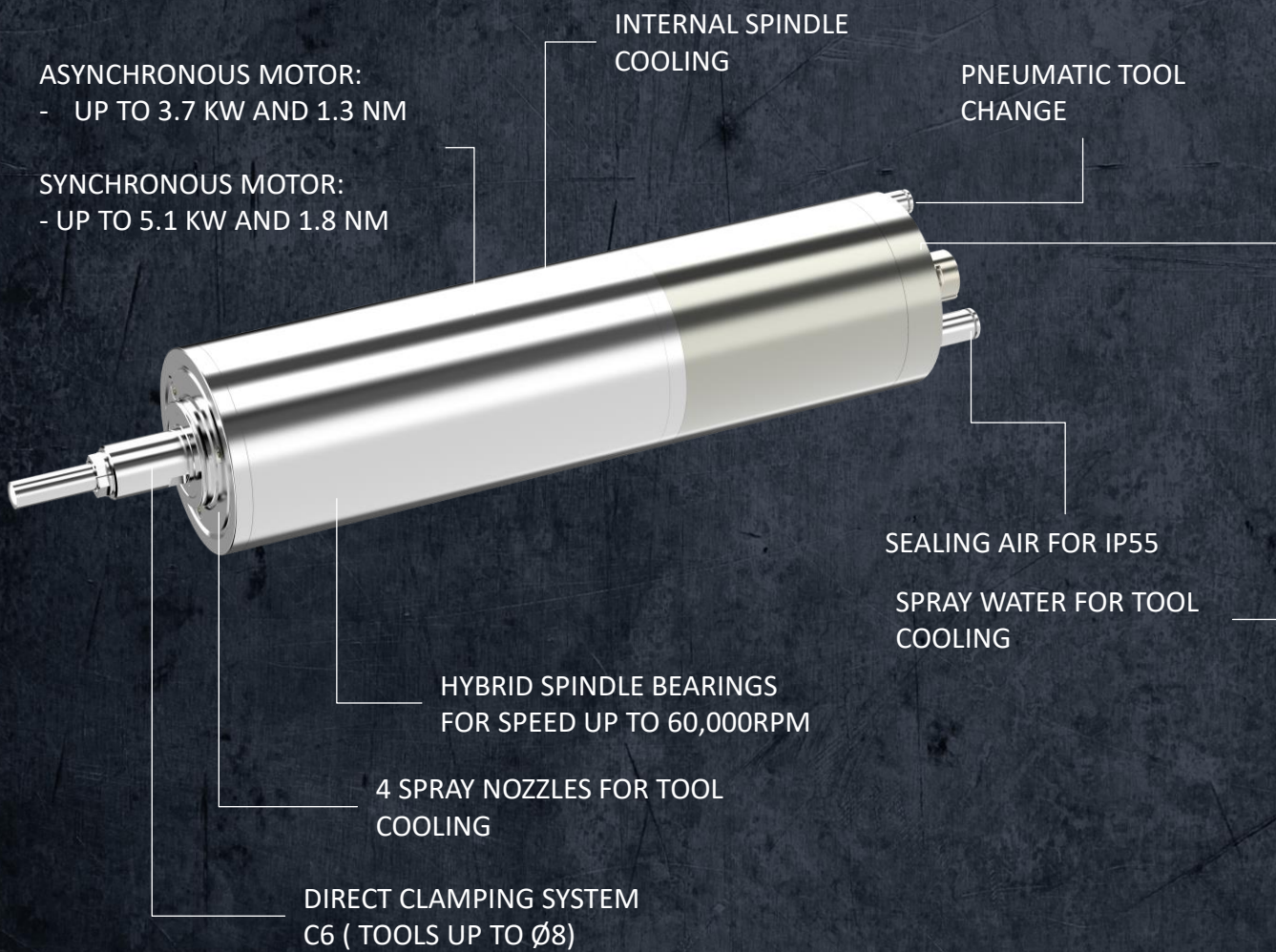


5062 XC-C6



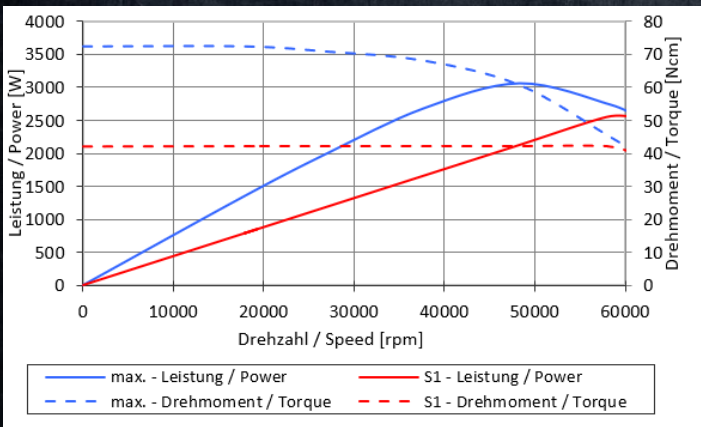
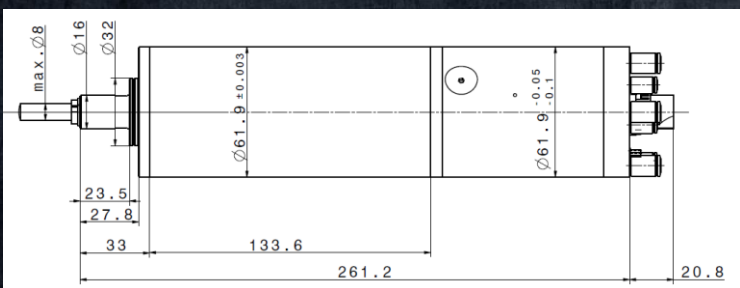
HIGH EFFICIENT DRIVE TECHNOLOGY

FEATURES



5062 AC-C6

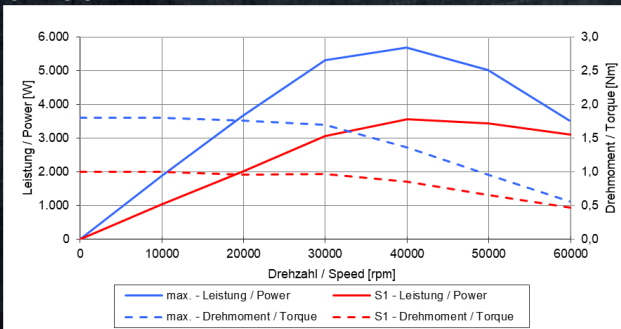
Speed	6,000 – 60,000rpm
Housing diameter	61.9 mm
Motor system	3 Phase asynchronous motor
Motor type options	62-AC-01
Frequency	100 – 1,000 Hz
Voltage	180 V
Current	S1: 11 A, max. 17 A – 5 sec.
Output power	S1: 2400 W, max. 3050 W
Torque	S1: 42 Ncm, max. 72 Ncm
Motor protection	PTC
Weight	3.5 kg
Bearing system	2 x Hybrid, lifetime lubrication
Run-out (taper)	$\leq 1 \mu\text{m}$
Chuck type	C6
Chuck clamping range	Up to $\varnothing 8.0 \text{ mm}$
Tool change	Pneumatic 5.5 - 6 bar
Cooling system	Internal housing cooling 1.0 l/min
Tool cooling	4 internal channels for spray nozzles
Protection category	IP 55
Protected against dirt and cooling lubricant	Sealing air 20 l/min@stp
Cable / plug type	915
Housing material	Stainless steel
Inverter recommendation	e@syDrive 4638 or CT HS30
Optional	Touch probe pneumatic



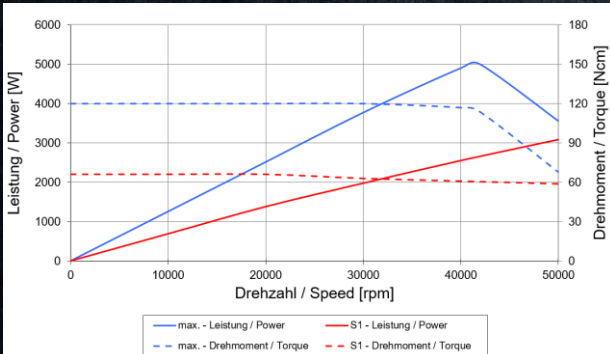
5062 DC-C6

Speed	6,000 – 60,000rpm	6,000 – 60,000rpm	6,000 – 30,000rpm
Housing diameter	61.9 mm	61.9 mm	61.9 mm
Motor system	BLDC	BLDC	BLDC
Motor type	62-DC-01	64-DC-02	60-DC-04
Frequency	100 – 2,000 Hz	100 – 2,000 Hz	300 – 1,500 Hz
Voltage	168 V	348 V	348 V
Current	S1: 14 A max. 23 A – 60 sec.	S1: 9 A max. 14 A – 5 sec.	S1: 6 A max. 14 A – 5 sec.
Output power	S1: 3100 W max. 5000 W	S1: 3600 W max. 5700 W	S1: 3500 W max. 5100 W
Torque	S1: 0.6 Nm max. 1.2 Nm	S1: 1 Nm max. 1.8 Nm	S1: 1.8 Nm max. 4 Nm
Motor protection	PTC		
Weight	3.5 kg		
Bearing system	2 x Hybrid, lifetime lubrication		
Run-out (taper)	≤ 1 µm		
Chuck type	C6		
Chuck clamping range	Up to Ø 8.0 mm (ER11)		
Tool change	Pneumatic 5.5 - 6 bar		
Cooling system	Internal housing cooling 1.0 l/min		
Tool cooling	4 internal channels for spray nozzles		
Protection category	IP 55		
Protected against dirt and cooling lubricant	Sealing air 20 l/min@stp		
Cable / plug type	915		
Housing material	Stainless steel		
Inverter recommendation	e@syDrive 4638		
Optional	Touch probe pneumatic		

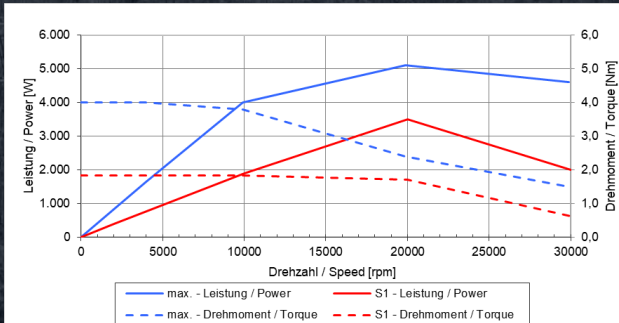
64-DC-02



62-DC-01



60-DC-04





high efficient drive technology

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