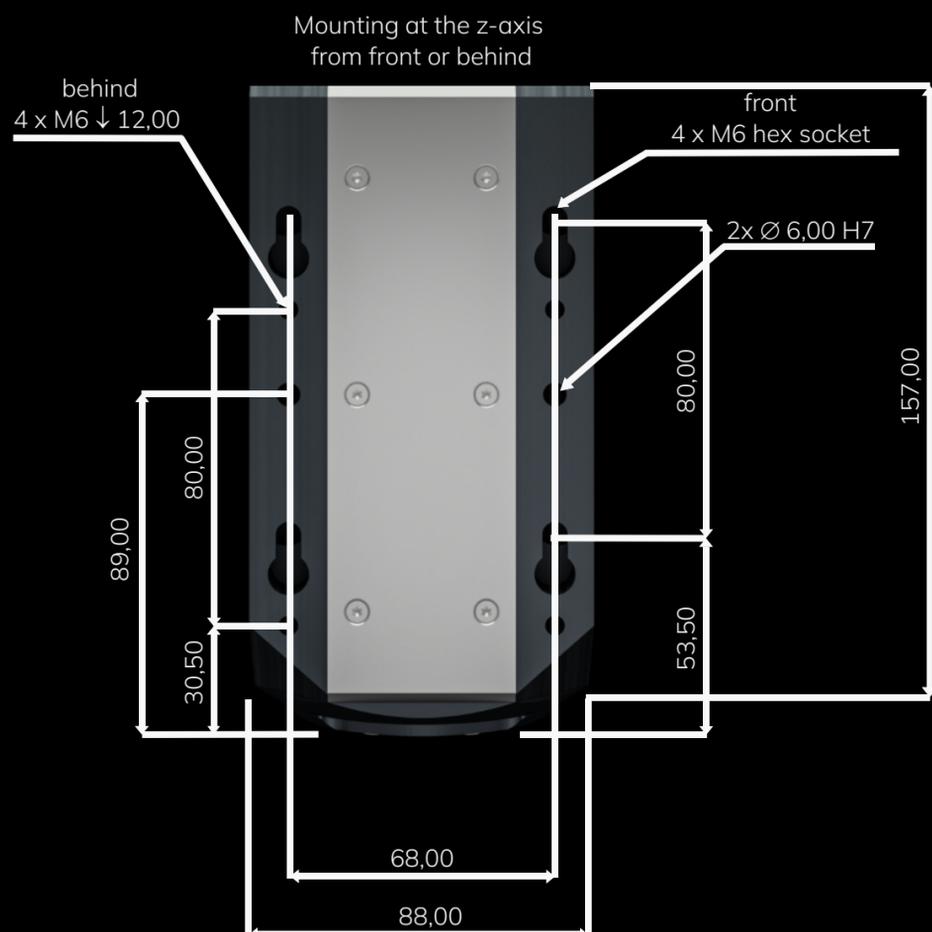
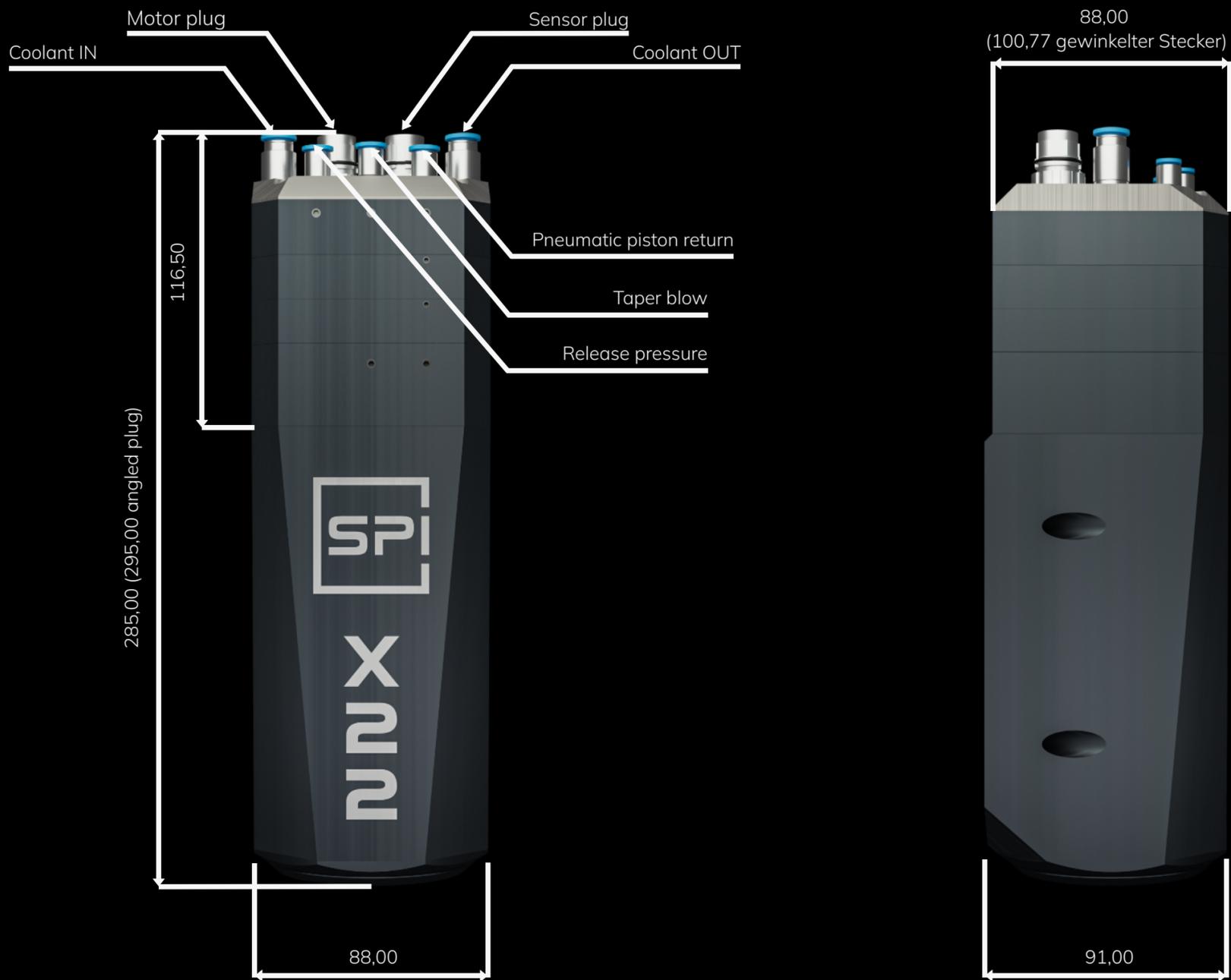


X22-F-HSKE32

liquid-cooled | automatic tool change

SPINOGY®



X22-F-HSKE32

liquid-cooled | automatic tool change

SPINOGY®

	Basic configuration	Optional	
Cooling method	Liquid cooling		
Tool interface	HSK-E32		
Motor type	Asynchronous motor		
Nominal power	2,2 kW (S1) 2,5 kW (S6)	1,5 kW (S1) 1,8 kW (S6) 3,0 kW (S1) 3,3 kW (S6)	
Nominal voltage	230 V	400 V	
Number of poles	2-pole	4-pole	
Nominal frequency	400 Hz		
Nominal current	8 A (S1) 8,6 A (S6)	1,5 kW 230 V 5 A (S1) 5,2 A (S6) 2,2 kW 400 V 4,6 A (S1) 5,2 A (S6) 3,0 kW 400 V 6,3 A (S1) 6,9 A (S6)	1,5 kW 400 V 2,9 A (S1) 3,1 A (S6) 3,0 kW 230 V 10,9 A (S1) 12,0 A (S6)
Rotational speed max.	30.000 rpm	25.000 rpm 35.000 rpm 40.000 rpm 45.000 rpm	
Nominal torque	0,88 Nm	0,60 Nm (1,5 kW 2-pole) 1,75 Nm (2,2 kW 4-pole) 2,40 Nm (3,0 kW 4-pole)	1,19 Nm (1,5 kW 4-pole) 1,19 Nm (3,0 kW 2-pole)
Bearings	Bearings (steel balls)	Hybrid-bearings (ceramic balls)	
Sensors	Temperature sensor motor (PTC - 130 °C) Speed sensor (inductive) Clamping position sensor (2 sensors) Piston position sensor (1 sensor)	Temperature sensor motor (PT100) Temperature sensor bearing front (PTC - 70 °C) Temperature sensor bearing back (PTC - 70 °C) Temperature sensor bearing front (PT100) Temperature sensor bearing back (PT100) Speed sensor (incremental) Rotational speed, direction sensor (incremental) Rotational speed, direction absolute Position sensor (incremental)	

X22-F-HSKE32

liquid-cooled | automatic tool change

SPINOGY®

	Basic configuration	Optional
Weight	5,9 kg	
Protection class	IP54	IP65
Motor plug	9-pole (straight)	9-pole (angled)
Sensor plug	17-pole (straight)	17-pole (angled)
Coolant connection	Plug straight (8 mm)	Plug angled (8 mm)
Pneumatic connection	Plug straight (6 mm)	Plug angled (6 mm)
Pressure level	Release pressure: 6 to 10 bar Taper blow: 1 to 1,5 bar Clamping pressure: min. 3 bar	
Sound pressure level	64 dB(A) at 30.000 rpm	
Scope of delivery	Spindle X22-F-HSKE32 Screw kit for mounting the spindle consisting of 4x screw-washer-assemblies M6x20, 2x dowel pin 6x12 Lubricating metal paste for tool clamp	

Necessary accessories for operating the spindle



Frequency inverter



Motor and sensor connection cable



Cooling System Xcool



Clamping