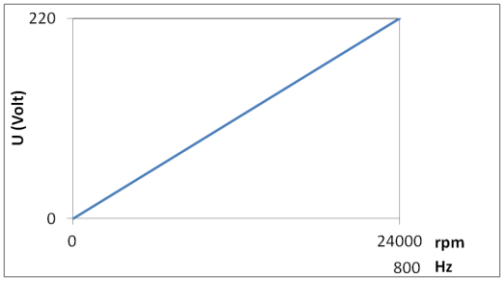
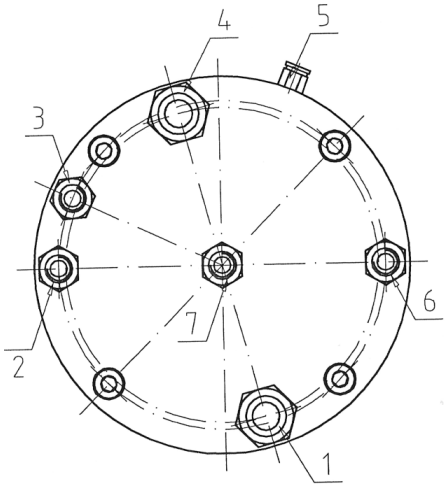
Technical Data:

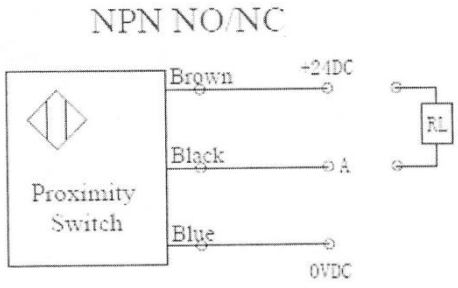
Power	1,5 kW
Change mechanics	pneumatic
Cooling	water-cooled
Collet	ISO SK 20
Balancing Class	G 2.5
Max. Speed	24000 rpm
Max. Frequency	800 Hz
Max. Current	5,8 A
Max. Voltage	220 V
Max. taper run out	3 µm
cooling flow	3-6 l/min
Weight	8 kg net.

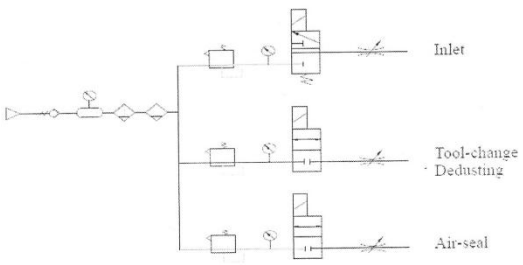


Connections:

1	U, V, W spindle connections	220 V, 5,8A, 800, Hz
1	110 °C safety temperature switch	2 wire connection (brown-brown)
1	Ground wire	yellow-green
2	Pump	Max. 0,8 Bar (8m pump head), 8/6mm tube
3	Dedusting	2-3 bar (0,2 – 0,3 MPa) 6/4 mm tube
4	Proximity Switches (2x)	NPN NO
5	Pneumatic Air Seal	1 – 2 bar (0,1-0,2 MPa)
6	Water outlet	8/6mm tube
7	Pneumatic Tool Change Inlet	6 – 7 bar (0,6-0,7 MPa) 6/4mm tube







Tool Change Algorithm:

1. Keep the “Airseal” (5) always pressurized during normal operation.
2. Apply pressure to Tool Change Inlet (7) and Dedusting valve (3) to release the tool. Switch off air seal.
3. Remove the tool, check proximity switches.
4. Keep “Dedusting” and “Inlet” air flowing.
5. When the new tool is inserted into the taper, close the valve for “Tool Change Inlet” (7) and “Dedusting” (3). Open the “Air Seal” (5) again Please ensure that “Tool Change Inlet” (7) is connected to atmospheric pressure (open) to allow full pull back of the cylinder.

Please interlock the proximity switched for “tool change in progress” and “ tool proximity switch” to your control. Only allow the spindle to run, when the tool change was successful. Also interlock the temperature switch to prevent damage from overheating

Dimensions: