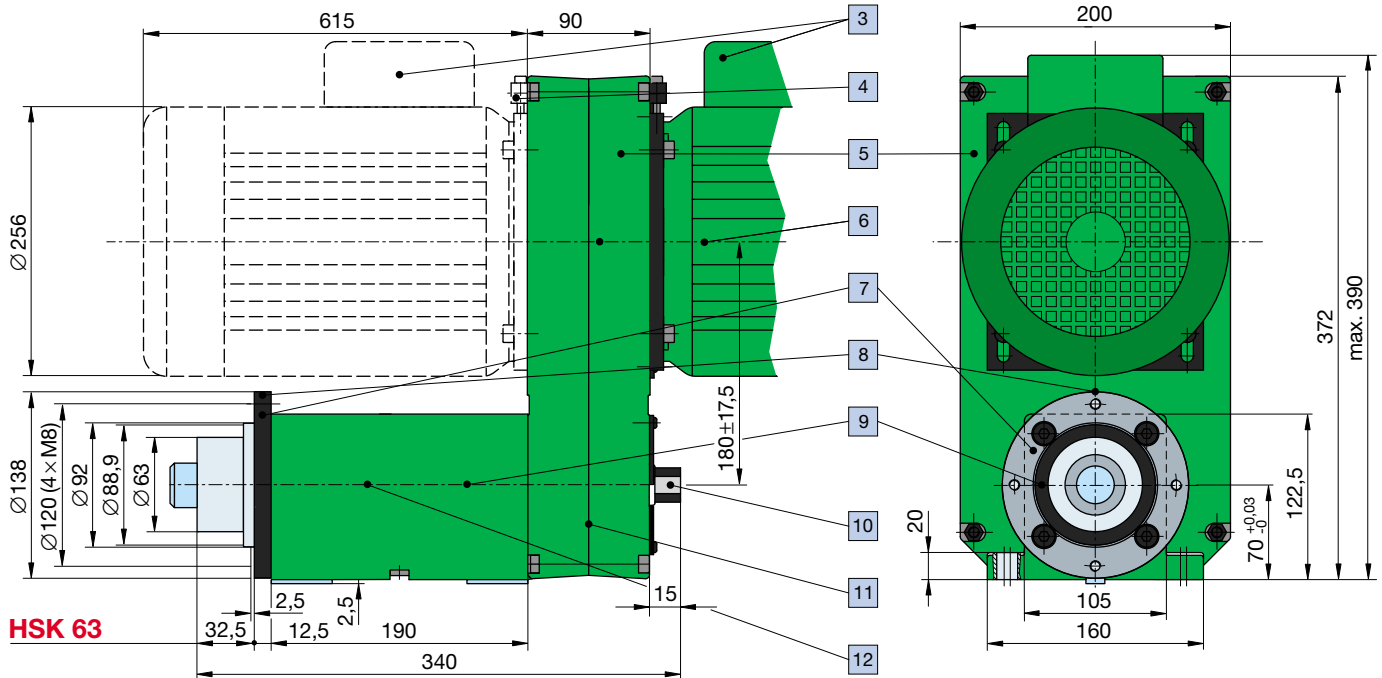


Spindle speed with 3-phase electric motor and frequency inverter at 80 Hz				
Driving pulleys Ø mm	Belt length in mm	Spacing motor/spindle	Max. power in kW	Spindle speed in RPM
165	711	172	10.5	15 009
140	711	197	10.5	12 735
120	660	184	10.5	10 915
100	610	181	10.5	9 096



- The unit **MAX 30 BGV** is a high-speed spindle. It is equipped with high-precision, grease-lubricated angular contact bearings. Max. speed 15 000 PPM.
- The standard design of the spindle is with coolant through, pressurization must be connected (flange: figure 8).
- Standard asynchronous motor 9.5 kW, factor S forced cooling fan.
- Interchangeable poly-V belts and motor pulleys: see table on the top of the page.
- An adapter flange is designed for the installation of multi-spindle heads or milling heads.
- Standard spindle HSK 63 includes an integrated 4-point clamping set.
- **Option:** rotating coolant union. Max. speed 15 000 RPM.
- **Order reference:** **MAX 30 BGV**

Technical Data	
Diameter front bearings	55/90
Diameter rear bearings	55/80
Max. torque transmission by belt	20 Nm
Max. speed	15 000 mn <sup>-1</sup>
Spindle concentricity	2 µ
Motor rating, IP 65	9.5 kW
Standard voltage at 50/60 Hz	230 – 460 V
Toolholder	Section 7
Includes 4-point clamping	4 pts, forme C
Recording pressurization	Ø 4/6
Color	RAL 6018
Weight with motor 9,5 kW	83 kg

Conception	
1	Coolant through adapter
2	Rotating adapter union, optional
3	Standard ISO motor with 28 mm diameter shaft
4	Belt tensioner, interchangeable motor plates
5	Two-piece aluminum cover, rotation 4x90°
6	Standard motor mount rear position
7	Adapter flange for various heads
8	<b>Option:</b> flange for air plug
9	Spindle HSK 63, high precision
10	Tool retention
11	Interchangeable pulleys and poly-V belts
12	Precision angular contact bearings