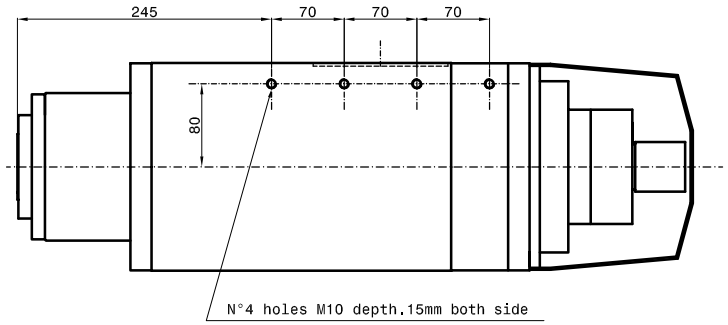
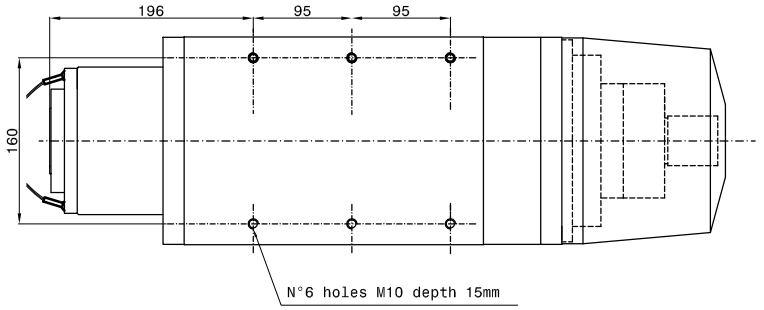
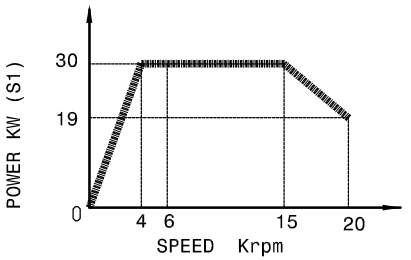
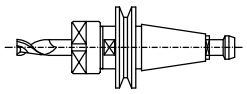
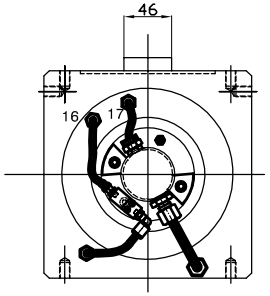


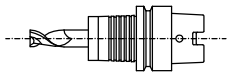



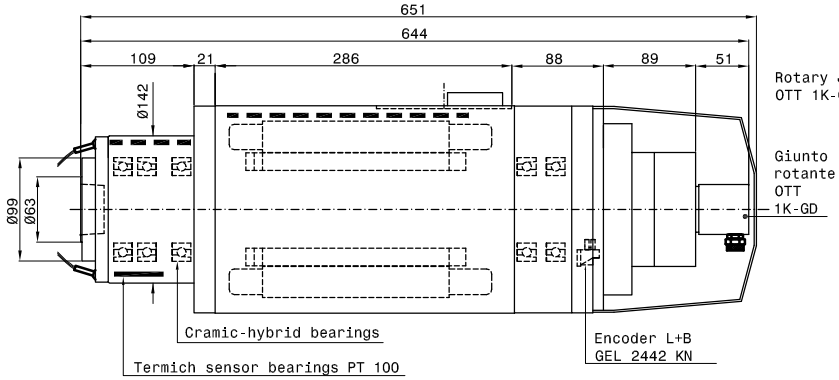



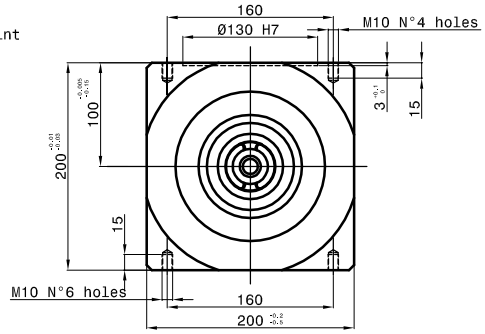
ARBOR ISO40/BT-40



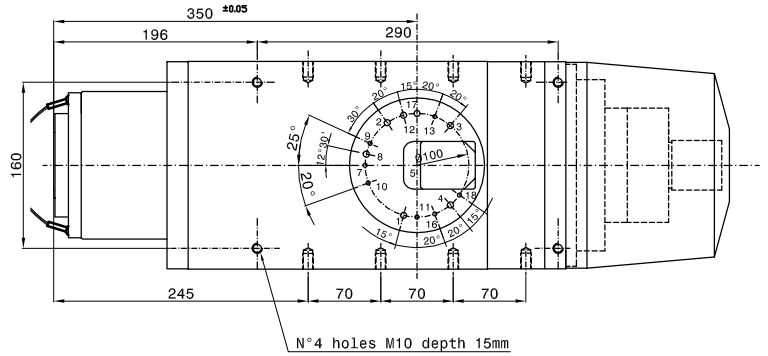



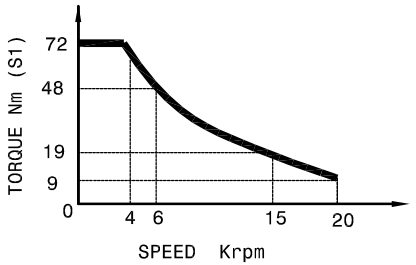
ARBOR HSK-E63 / A63
DIN 69873




1 - Coolant inlet (Ø6)
2 - Coolant outlet (Ø6)
3 - Hydraulic pressure unclamping tool (12bar max) (Ø6)
4 - Hydraulic pressure clamping tool (50bar max) (Ø6)
5 - Elettric connection
3Phases motor - Earth
- Outlet sensor's cables (S1-S2-S4)
S1 = Tool's arbor clamped.
S2 = Piston under pressure ready to receive tools arbor.
The electrospindle cannot turn.
S4 = Tool's arbor not clamped
The electrospindle can not turn.
- Themich sensor bearings
- Outlet encoder's cables (Gel 2442 KN)
Motor thermich switch (N°2 KTY)(NC)
7 - Front-side pressurization (Ø6)
8 - Tool cooling (G3/8")
9 - Front bearings lubrication 1-2 (Ø4)
10 - Front bearings lubrication 3 (Ø4)
11 - Rear bearings lubrication 1 (Ø4)
12 - Unloading lubrication bearings (Ø6)
13 - Rear bearings lubrication 2 (Ø4)
16 - Filtered air continuos inlet
0.5 Micron for rear protection (Ø4)
17 - Tool's lubro refrigerant inlet for rotary joint (Ø6)
18 - Inlet air arbor's cleaning




Air-Oil bearings lubrication

| Speed | Rpm | 4000 | 6000 | 15000 | 20000 |
|---|---|---|---|---|---|
| Frequency | Hz | 200 | 300 | 750 | 1000 |
| Power (S1) | Kw | 30 | 30 | 30 | 19 |
| Torque (S1) | Nm | 72 | 48 | 19 | 9 |
| Tension | V | 265 | 380 | 380 | 380 |
| Current | A | 93 | 73 | 62 | 41 |

Motor 6 pole

Runout taper 0.002mm

PERON SPEED

SUBJECT: PS ES-4

CUSTOMER :

Sheet:1/1 | Dwg.N°179-00 | DATE :