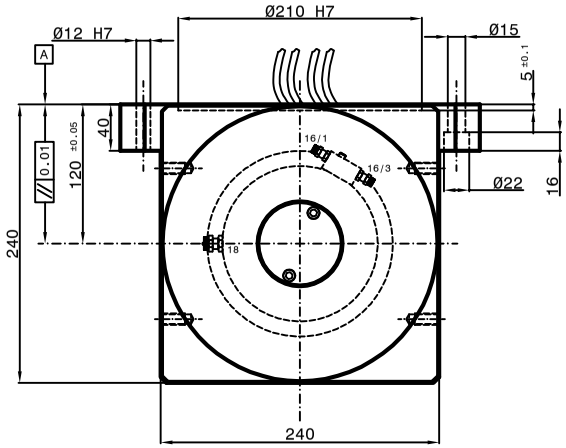
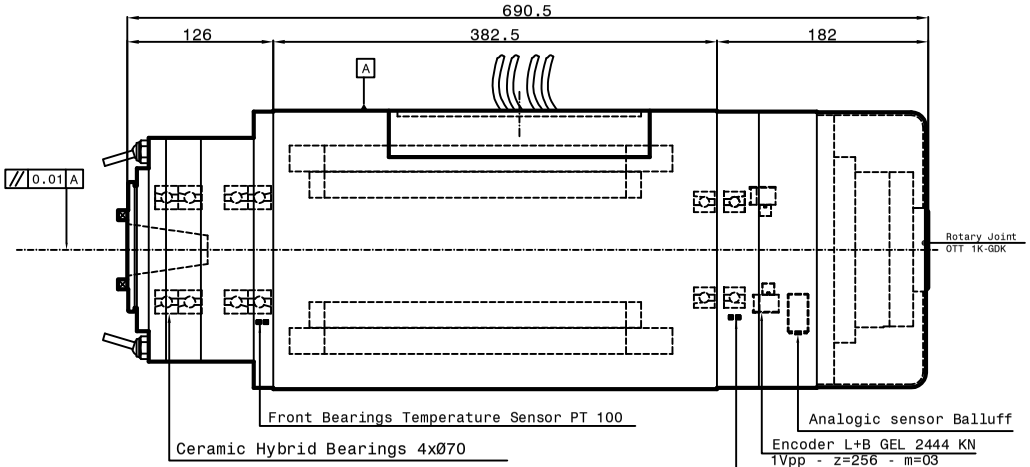
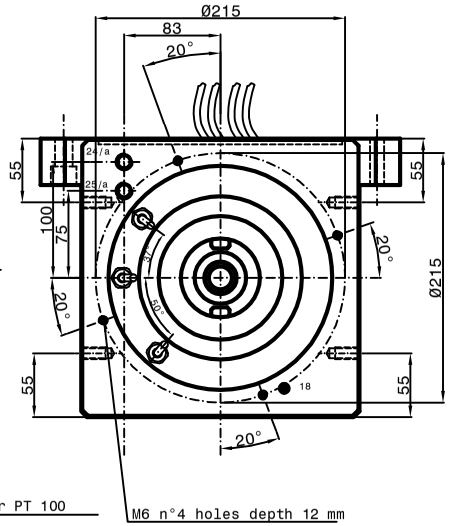
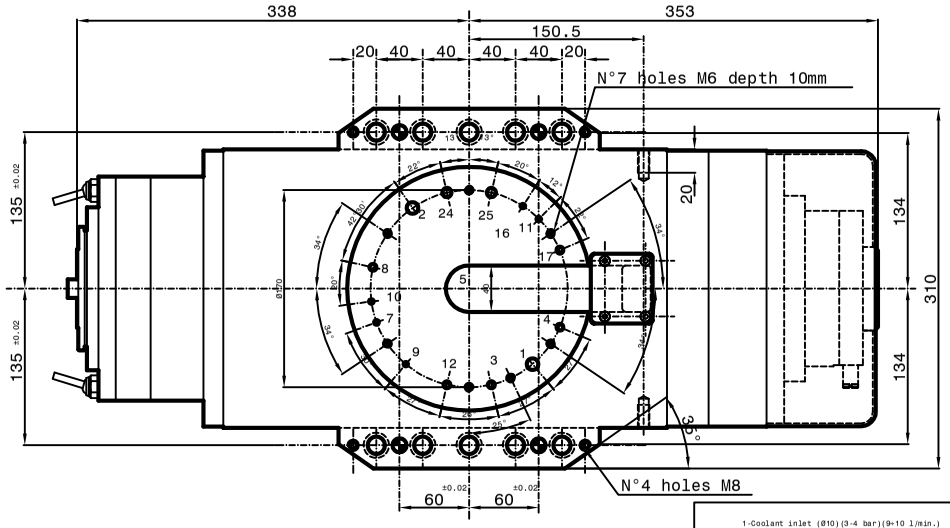
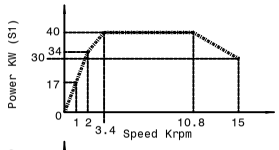


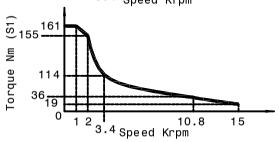



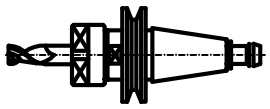




| SPEED | RPM | 1000 | 2000 | 3400 | 10800 | 15000 |
|---|---|---|---|---|---|---|
| FREQUENCY | Hz | 71 | 143 | 225 | 720 | 1000 |
| POWER (S1) | KW | 17 | 34 | 40 | 40 | 30 |
| TORQUE (S1) | Nm | 161 | 155 | 114 | 36 | 19 |
| TENSION (S1) | V | 120 | 282 | 380 | 380 | 380 |
| CURRENT (S1) | A | 117 | 114 | 95 | 77 | 59 |

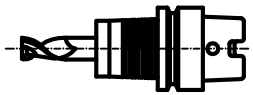



Asyncronous motor:8 poles
Runout taper 0.002mm



Tool holder ISO/BT 40



Tool holder HSK A 63
DIN 69893

Air-Oil Bearings Lubrication
Mobil DTE LIght ISO VG 32
Cooling capacity=6200 Watt

1-Coolant inlet (Ø10)(3-4 bar)(9÷10 l/min.)
2-Coolant outlet (Ø10)
3-Hydraulic pressure unclamping
tool (min 80bar - max 90bar) (Ø6)
4-Inlet air pressure clamping
tool (Return piston)(6bar max) (Ø6)
5-Elettric connection (L=2000)
3 Phases motor - Earth
Phases motor U n°2 cables Ø4.5
Phases motor V n°2 cables Ø4.5
Phases motor W n°2 cables Ø4.5
Earth U n°2 cables Ø4.5
-Outlet sensor's cables (S6-S5)(L=2000mm)
S6 Analogic sensor Balluff
S5 PNP = Sensor return piston Ø4
-PT 100 Bearing's temperature sensor
-Outlet encoder's cables (Gel 2444 KN)(L=2000mm)
-Motor thermal switch (N°1 PT 1000)
7-Front-side pressurization filtred (5µm)
(1-1.5 bar) (Ø4)
8-Tool cooling water (Ø06)(20 bar)
9-Front bearings lubrication -1 (Ø4)
10-Front bearings lubrication -2 (Ø4)
11-Rear bearings lubrication (Ø4)
12-Unloading front lubrication bearings (Ø6)
17-Tool's lubro refrigerant inlet by rotary(80 bar)
joint(Ø5)
-Inlet air arbor's bearing (6 bar)
18-Rotary joint leackage outlet
24-Inlet external air (6 bar) (Ø8)
25-Inlet external tool cooling (20 bar) (Ø8)
24/a-Outlet exernal air (G1/4")
25/a-Outlet external tool cooling (G1/4")

Peron Speed INTERNATIONAL

SUBJECT:PS ES-210

CUSTOMER:

Sheet:1/1 | DIS.N°4719-00-03-Def. | DATE :