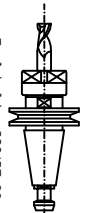


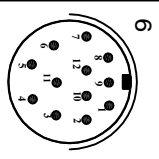
Tool holder HSK-A/E-32/40  
DIN 69893



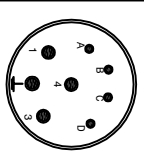
Tool holder ISO/MT 30

**Air-Oil Bearings Lubrication**  
**Mobil DTE Light ISO VG 32**  
**Cooling capacity = 1350 Watt**

- 1-Coolant Inlet (G1/8") (3\*4 bar) (3\*4 l/min.)
- 2-Coolant outlet (G1/8")
- 3-Inlet air pressure unclamping tool (8 bar max) (G1/8")
- 4-Inlet air arbor's cleaning (6 bar) (G1/8")
- 5-Electric connection
- SPhases motor - Earth
- Motor thermal switch (N<sup>o</sup>1 PTC 130)
- 6-Outlet sensor's cables (S1-S2-S3-S4)
- S1 = Tool's arbor clamped.
- S2 = Piston under pressure ready to receive tools arbor.
- The electrospindle can not turn.
- S3 = Signal of spindle rotating.
- S4 = Tool's arbor not clamped. The electrospindle cannot turn.
- 7-Front-side pressurization filtered (5µ) (1-1.5 bar) (G1/8")
- 8-Front bearings Lubrication (G1/8")
- 9-Front bearings Lubrication (G1/8")
- 10-Front bearings Lubrication (G1/8")
- 11-Rear bearings Lubrication (G1/8")
- 12-Unloading Lubrication bearings (G1/8") through aspiration type Festo VAD 1/8 (6 bar)

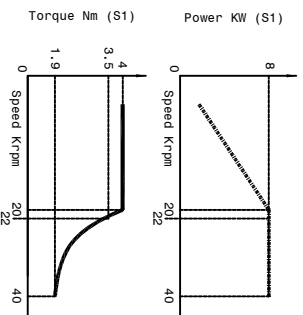


- 1 brown +24 V DC
- 2 brown 0 V DC
- 3 black S1 signal
- 4 black S2 signal
- 5 black S3 signal
- 6 black S4 signal
- 7 not connected
- 8 not connected
- 9 not connected
- 10 PT 100
- 11 shield
- 12 PT 100



- 1 yellow-green U
- 3 blue phase V
- 4 black phase W
- A terminal switch PTC 130
- C not connected
- D not connected

| SPEED       | RPM | 20000 | 22000 | 24000 |
|-------------|-----|-------|-------|-------|
| FREQUENCY   | Hz  | 667   | 745   | 1333  |
| POWER (S1)  | KW  | 8     | 8     | 8     |
| TORQUE (S1) | Nm  | 4     | 3.5   | 1.9   |
| TENSION     | V   | 340   | 380   | 380   |
| CURRENT     | A   | 19    | 18    | 17    |



Asynchronous motor: 4 poles  
Runout taper: 0.002mm

**Petron Speed** SUBJECT: P-ST ES-102  
CUSTOMER :

Sheet: 1/1 DIS. N°2679-00-10 DATE :