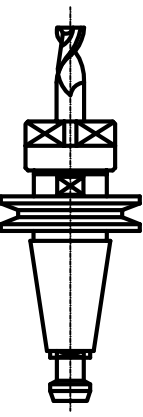
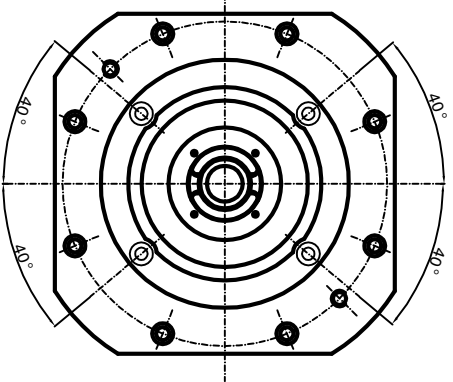


Tool holder HSK-A63
DIN 69893

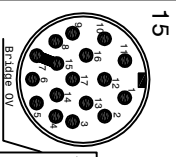


Tool holder ISO/BT 50

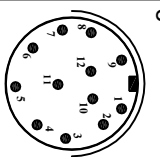


Coolin capacity=11950 Watt Air-Oil Bearings Lubrication Mobil DTE Light ISO VG 32

- 1-Coolant inlet (3+4 bar) (10+12 L/min.)
- 2-Coolant outlet
- 3-Hydraulic pressure unclamping tool (min 80bar - max 90bar) (G1/4")
- 4-Hydraulic pressure clamping tool (Return piston) (10bar max) (G1/4")
- 5-Electric connection (L=600)
- 5/a Phases V1/V3/V5/V9 n°4 cables Ø7 - 6mm²
- 5/b Phases V1/V3/V5/V9 n°4 cables Ø7 - 6mm²
- 5/c Phases W1/W3/W5/W9 n°4 cables Ø7 - 6mm²
- 6-Outlet sensor's cables (S1-S2-S4-S5) (L=600mm)
- S1 PNP = Toolholders clamped
- S2 PNP = Piston under pressure ready to release
- The electrospindle can not turn.
- The electrospindle cannot turn.
- S3 PNP = Sensor return piston
- S4 PNP = Toolholders not clamped
- The electrospindle cannot turn.
- S5 PNP = Sensor return piston
- 7-Front-side pressurization filled (5µm) (1-1.5 bar) (Ø5)
- 8-Tool cooling water (Ø5) (20 bar)
- 9-Front bearings lubrication -1 (Ø4)
- 10-Front bearings lubrication -2 (Ø4)
- 11-Rear bearings lubrication (G1/8")
- 12-Unloading lubrication front bearings (Ø6)
- 12-Through aspiration type Fasto VAD 1/4
- 12-Through aspiration type Fasto VAD 1/8 (G1/4")
- 13-Through aspiration type Fasto VAD 1/8 (G1/4")
- 14-Through aspiration type Fasto VAD 1/8 (G1/4")
- 15-Outlet encoder's cables (Øal 2444 KN) (L=600mm)
- Motor thermal switch (N°1 PT 1000)
- 17-Tool's Lubro refrigerant inlet by rotary (80 bar) joint (G1/4")
- 18-Rotary joint leakage outlet (G1/8")



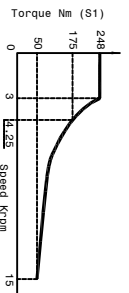
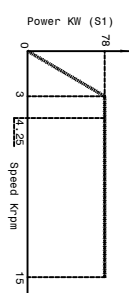
- 1 white Av
- 2 white A+
- 3 grey Ref+
- 4 not connected
- 5 not connected
- 6 not connected
- 7 blue Gv
- 8 white-brown PT 1000
- 9 white-brown PT 1000
- 10 white-brown PT 1000
- 11 pink B+
- 12 black B-
- 13 yellow Ref-
- 14 not connected
- 15 blue connected



- 1 brown +24 V DC
- 2 blue 0 V DC
- 3 black S1 signal
- 4 black S2 signal
- 5 not connected
- 6 black S4 signal
- 7 rear PT 100
- 8 black S5 signal
- 9 rear PT 100
- 10 not connected
- 11 not connected
- 12 not connected

Choke = 0.4 mH/phase

TYPE	1000	1250	1500	2000
POWER (S1)	100	125	150	200
REVERSE (S1)	100	125	150	200
REVERSE (S2)	100	125	150	200
REVERSE (S3)	100	125	150	200
REVERSE (S4)	100	125	150	200
REVERSE (S5)	100	125	150	200
REVERSE (S6)	100	125	150	200
REVERSE (S7)	100	125	150	200
REVERSE (S8)	100	125	150	200
REVERSE (S9)	100	125	150	200
REVERSE (S10)	100	125	150	200
REVERSE (S11)	100	125	150	200
REVERSE (S12)	100	125	150	200
REVERSE (S13)	100	125	150	200
REVERSE (S14)	100	125	150	200
REVERSE (S15)	100	125	150	200
REVERSE (S16)	100	125	150	200
REVERSE (S17)	100	125	150	200
REVERSE (S18)	100	125	150	200
REVERSE (S19)	100	125	150	200
REVERSE (S20)	100	125	150	200



Synchronous motor: 8 poles Runout taper: 0.002 mm

Peron Speed CUSTOMER

SUBJECT: PSI TOV-s-113

DATE: 25/01/2022

