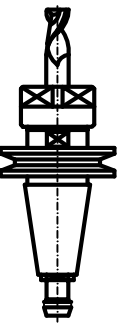


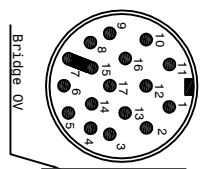
TOOL HOLDER HSK-A100
DIN 69893



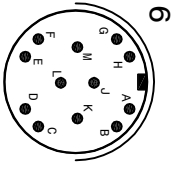
TOOL HOLDER ISO/ BT 50

**Coolant Capacity = 4750 Watt
Grease bearings Lubrication**

- 1-Coolant inlet (G1/2") (16 L/min.) (3-4 bar)
- 2-Coolant outlet (G1/2")
- 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=300)
- 3 Phases motor - Earth
- 6-Outlet sensor's cables (S1-S2-S4) (L=300mm)
- S1 PMP = Toolholders clamped.
- S2 PMP = Piston under pressure ready to receive tools arbor.
- The electrosprindle can not turn.
- S4 PMP = Toolholders not clamped.
- The electrosprindle cannot turn.
- PT 100 Bearing's temperature sensor
- 7-Front-side pressurization filtered (5µm) (1-1.5 bar) (G1/8")
- 8-Tool cooling water (63/8") (20 bar)
- 15-Outlet encoder's cables (Gel 2444 KN) (L=300mm)
- Motor thermal switch (N°1 PT 1000)
- 17-Tool's Lubro refrigerant inlet by rotary (80 bar) joint (G1/4")
- Inlet air arbor's cleaning (6 bar)
- 18-Rotary joint Leakage outlet (G1/8")

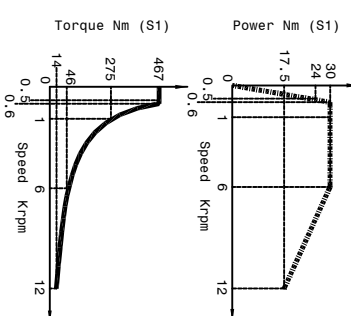


- 15**
- 1 white A+
 - 2 brown A-
 - 3 grey Ref+
 - 4 not connected
 - 5 not connected
 - 6 not connected
 - 7 blue OV
 - 8 white-red therm. switch
 - 9 white switch
 - 10 red +5V Dc
 - 11 pink B+
 - 12 black B-
 - 13 yellow Ref-
 - 14 not connected
 - 15 not connected
 - 16 green 5V sensor
 - 17 shield



- 6**
- 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 not connected
 - 9 rear PT 100
 - 10 front PT 100
 - 11 shield
 - 12 front PT 100

SPEED	500	600	1000	6000	12000
FREQUENCY	Hz 27	33	53	320	600
POWER (S1)	Kw 2.4	3.0	3.0	3.0	17.5
TORQUE (S1)	Nm 467	467	275	46	14
TENSION (S1)	V 115	140	220	220	220
CURRENT (S1)	A 187	190	155	94	55
POWER (S6-40% 2 min.)	Kw 3.0	37.5	37.5	17.5	
TORQUE (S6-40% 2 min.)	Nm 613	600	347	69	14
TENSION (S6-40% 2 min.)	V 115	140	220	220	220
CURRENT (S6-40% 2 min.)	A 229	227	166	120	60



Asynchronous motor: 6 poles Runout taper 0.002mm

Peron Speed SUBJEC: PSI TCV-303
CUSTOMER :