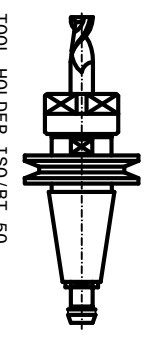


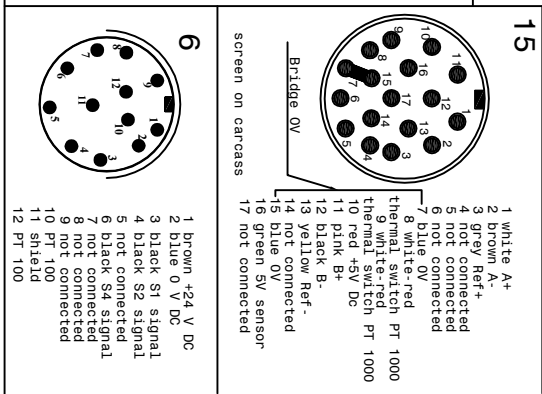
TOOL HOLDER HSK-A100  
DIN 69893



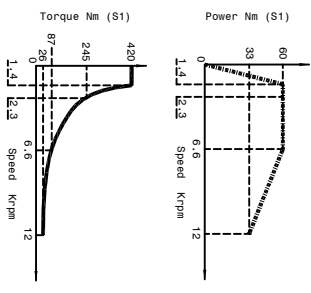
TOOL HOLDER ISO/BT 50

**Cooling Capacity = 9250 Watt  
Grease bearings Lubrication**

- 1-Coolant inlet (G1/2") (3+4 bar)
- 2-coolant outlet (G1/2")
- 3-Hydraulic pressure unclamping tool (min. 70 bar max. 90bar) (G3/8")
- 4-Hydraulic pressure clamping tool (Return piston) (10bar max) (G3/8")
- 5-Electric connection
- 3phases motor - Earth
- 5/a Phase U brown
- 5/b Phase V blue
- 5/c Phase W black
- 5/d Earth
- 6-outlet sensor's cables (S1-S2-S4)
- S1 = Tool's arbor clamped.
- S2 = Piston under pressure ready to receive tools arbor.
- S4 = Tool's arbor not clamped turn.
- The electrospindle cannot turn.
- 7-Front-side pressurization Filtered (5p) (1-1,5 bar) (G1/8")
- 8-Tool cooling (G3/8")
- 15-Outlet encoder's cables (Gel 2444 KN) Motor thermal switch (N°1 PT 1000)
- 17-Tool's Lubro refrigerant inlet by rotary joint (80 bar) (G1/4")
- + Inlet air arbor's cleaning (6 bar)
- 18-Drain rotary joint (G1/8")



SPEED	1400	2800	5600	11200
FREQUENCY	Hz	39	157	441
POWER (S1)	kW	60	60	60
TORQUE (S1)	Nm	420	245	87
CURRENT (S1)	A	200	380	380
POWER (S6-40% 2 min.)	kW	75	75	33
TORQUE (S6-40% 2 min.)	Nm	527	305	108
TENSION (S6-40% 2 min.)	V	230	380	380
CURRENT (S6-40% 2 min.)	A	245	190	148



Asynchronous motor: 8 poles  
Runout taper 0.002mm