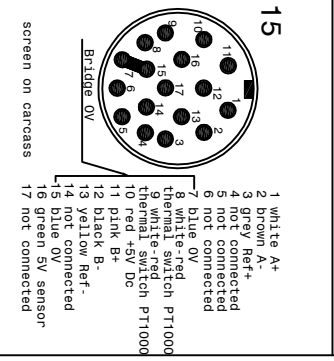


TOOL HOLDER HSK-A100 DIN 69893

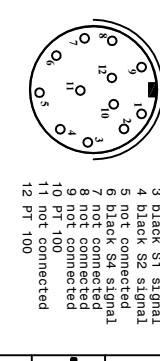
Tool holder ISO/BT 50

Cooling Capacity = 9200 Watt
Grease Bearings Lubrication

- 1-Coolant inlet (G1/2") (20 l/min.) (3-4 bar)
- 2-Coolant outlet (G1/2") (20 l/min.) (3-4 bar)
- 3-High side pressure tool clamping tool (50bar max) (G3/8")
- 4-Hydraulic pressure clamping tool (50bar max) (G3/8")
- 5-Electric connection (L=2.5 mt + 12.5 mt)
- 3/4 Phase U1-U3 n/2 cables Ø10 Phase V1-V3 n/2 cables Ø10
- 5/5 Phase W1-W2 n/2 cables Ø10- Earth n/2 cables Ø10
- 6-Outlet sensor's cables (S1-S2-S4) (L=15 mt)
- S1 PNP = Toolholders clamped.
- S2 PNP = Piston under pressure ready to receive tools arbor.
- The electrospindle can not turn.
- S4 PNP = Toolholders not clamped
- The electrospindle cannot turn.
- PT 100 Bearing's temperature sensor
- 7-Front-side pressurization filtered (5µm) (1-1.5 bar) (G1/8")
- 8-Tool cooling water (G3/8") (20 bar) (10-12 L/min.)
- 15-Outlet encoder's cables (Gel 2444 KN) (L=15 mt)
- 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")

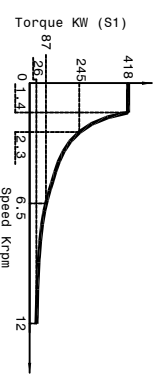
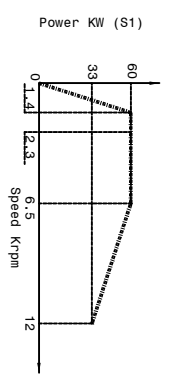


15



6

SPEED	RPM 1400	2300	6500	12000
FREQUENCY	Hz 93	157	441	800
TORQUE (S1)	KM 60	60	60	30
TORQUE (S1)	KN 418	245	67	20
TENSION (S1)	V 230	380	380	380
CURRENT (S1)	A 200	140	118	72
POWER (S6-40% 2 min.)	KW 75	75	75	33
POWER (S6-40% 2 min.)	MM 527	306	120	26
TENSION (S6-40% 2 min.)	V 230	380	380	380
CURRENT (S6-40% 2 min.)	A 245	160	148	72



Asynchronous motor: 8 poles Runout taper 0.002mm

Peron Speed
MEMBER OF
SUBJECT: PSI TCV-218
CUSTOMER:

Sheet: 1/1 DIS. N° 5140-00 DATE: 08/08/2022