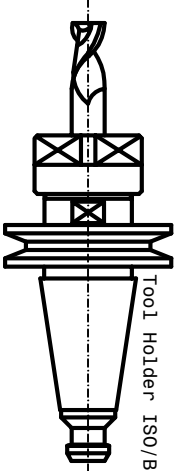
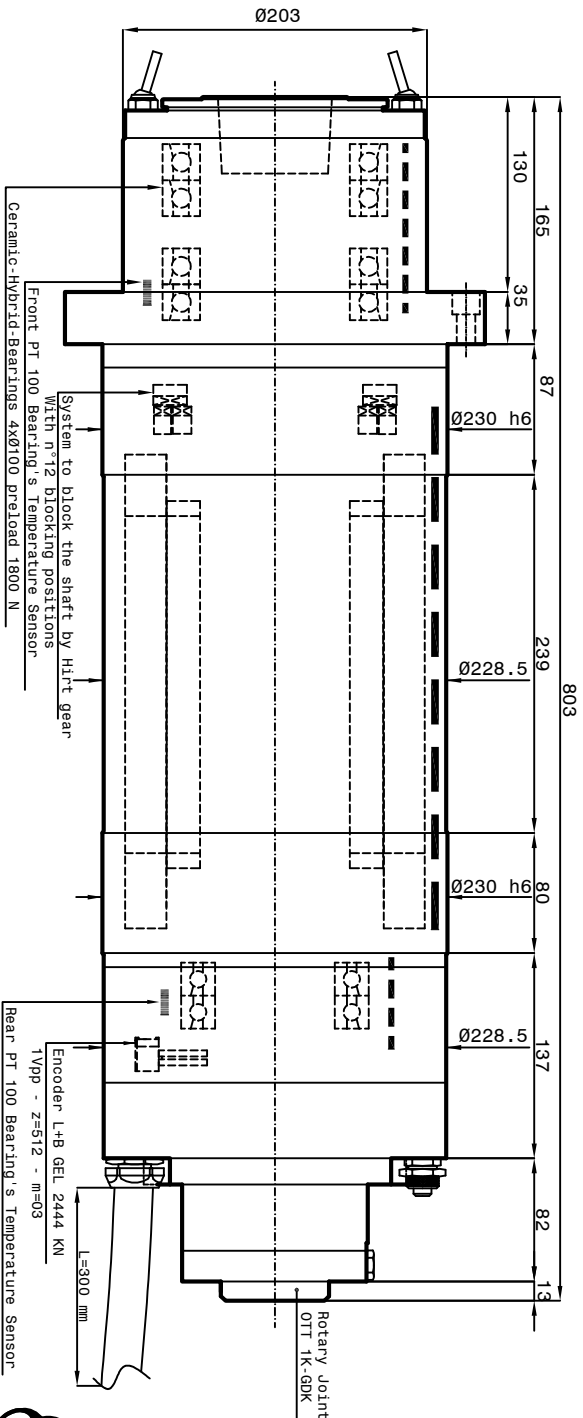


Tool Holder HSK A100 DIN 69893

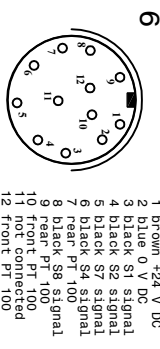
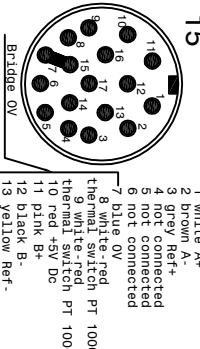


Tool Holder ISO/BT 50

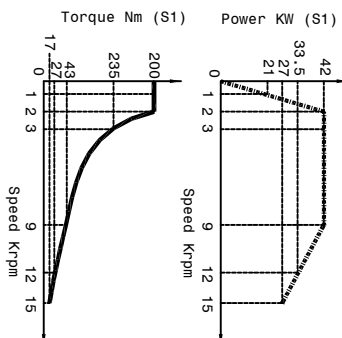


- 1-Coolant inlet (G1/2") (3-4 bar) (10 L/min.)
- 2-Coolant outlet (G1/2") (clamping)
- 3-Tool min gobbar max gobbar (G1/4")
- 4-Hydraulic pressure clamping tool (Return piston) (10bar max) (G1/4")
- 5-Electric connection
- 6-Phases U n°2 cables Ø6 mm 10 mm² brown
- 7-Phase W n°2 cables Ø6 mm 10 mm² black
- 8-Phase V n°2 cables Ø6 mm 10 mm² yellow-green
- 9-5/d earth n°1 cable Ø6 mm 10 mm² 1 yellow-green
- 10-outlet sensor's cables (S1-S2-S4-S7-S8)
- S1 PNP = Toolholders clamped.
- S2 PNP = Piston under pressure ready
- S3 PNP = Piston ready
- The electrospindle can not turn.
- S4 PNP = Toolholders not clamped.
- S7 = Sensor shaft to block
- S8 = Sensor start unblock
- PT 100 Bearing's temperature sensor (1-1.5 bar) (Ø4) (Ømm 0050-15)
- 8-Tool cooling water (Ø8) (Ømm 0090-15) (20 bar)
- 9-Front bearings Lubrication-1 (Ø4) (Ømm 0050-15)
- 10-Front bearings Lubrication-2 (Ø4) (Ømm 0050-15)
- 11-Rear bearings Lubrication (G1/8")
- 12-Unloadng Lubrication rear bearings (G1/8") (FESTO VAD 1/8")
- 12/1-Inlet air inlet for aspiration oil (G1/8") (1.5-2 bar)
- 12/2-Inlet air inlet for aspiration oil (G1/8") (1.5-2 bar)
- 12/3-Outlet air-oil bearings (G1/8")
- 12/a-Unloadng Lubrication front bearings (Ø6) (FESTO VAD 1/8")
- 12/b-Unloadng Lubrication front bearings (Ø6) (FESTO VAD 1/8")
- 12-c-Outlet air-oil bearings (G1/8")
- 15-Outlet encoder's cables (Ø6) (Ømm 2444 KN)
- Motor thermal switch (N°1 PT 1000)
- 17-Tool's Lubo refrigerant inlet by rotary joint (80 bar) (G1/4")
- Inlet air arbor's cleaning (6 bar)
- Inlet air 5 bar 10000 RPM
- 18-Rotary joint leakage outlet (G1/8")
- 21-Oil inlet to block the shaft (Ø6bar) (G1/4")
- 22-Oil inlet to unblock the shaft (Ø6bar) (G1/4")

Cooling capacity=6500 Watt  
Air-Oil Bearings Lubrication  
Mobil DTE Light ISO VG 32



SPEED	1000	2000	3000	1000	12000	15000
FREQUENCY	Hz 71	137	200	630	8000	1000
POWER (S1)	Kw 21	42	42	42	33.5	27
TORQUE (S1)	Nm 200	200	155	43	27.3	17
TENSION (S1)	V 135	280	380	380	380	380
CURRENT (S1)	A 135	126	99	78	53	29
POWER (S6-40% 2 min.)	Kw 26	53	53	53	36	28
TORQUE (S6-40% 2 min.)	Nm 254	254	171	65	29	18
TENSION (S6-40% 2 min.)	V 135	280	380	380	380	380
CURRENT (S6-40% 2 min.)	A 135	154	113	100	69	55



Asynchronous motor: 8 poles  
Runout taper: 0.002mm

**Peron Speed**  
MINI-MOTOR

SUBJECT: PSI TCV-T-209  
CUSTOMER:

Sheet: 1/1 DIS. N° 4508-00-12 DATE: 19/08/2022