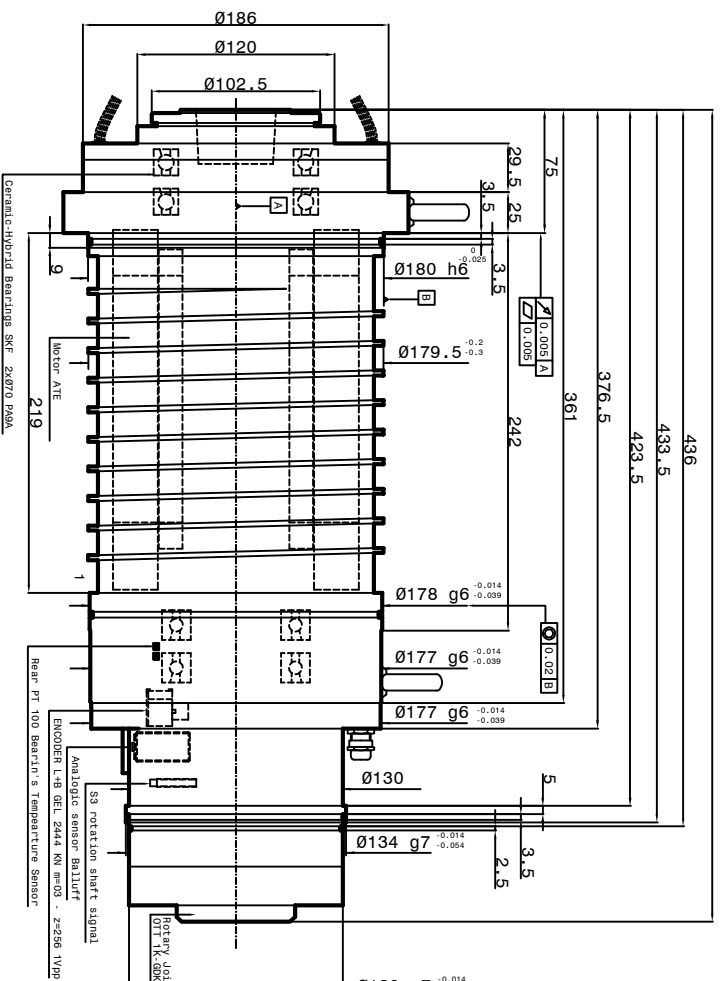
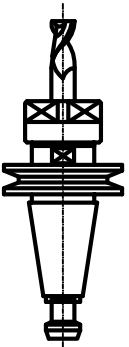


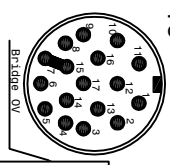
Tool holder ISO/BT 40



Cooling capacity=6200 Watt  
Air-Oil Bearings Lubrication  
Mobil DTE Light ISO VG 32

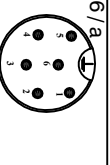
- 1-Coolant inlet (3-4 bar) (9-12 L/min.)
- 2-Coolant outlet Ø7
- 3-Hydraulic pressure unclamping (G1/8")  
Tool (min 80bar - max 90bar)
- 5-Electric connection (L=1000)
- 3-Phases motor
- Phases U1/U3 n°2 cables Ø6 - 4mm<sup>2</sup>
- Phases W1/W3 n°2 cables Ø6 - 4mm<sup>2</sup>
- PE Earth n°1 cable Ø8 - 5mm<sup>2</sup>
- 6-Outlet sensor's cables (S3) (L=400mm)
- S6 Analogic sensor Balluff
- 6/a-Outlet sensor S3 rotation shaft signal (L=400mm) (1-1.5 bar) (Ø4)
- 7-Front-side pressurization filtered (5µm)
- 8-Tool cooling water (Ø6) (20 bar)
- 8/a-Inlet minimal external refrigerant (Ø7) (20 bar)
- 8/b-Outlet minimal external refrigerant (G1/4")
- 9-Front bearings Lubrication (G1/8") (Ø6/4) quantity oil = 220 mm<sup>3</sup>/h pression 2 bar
- 11-Rear bearings Lubrication (G1/8") (Ø6/4) quantity oil = 146.9 mm<sup>3</sup>/h pression 2 bar
- 12-Unloading Lubrication bearings (G1/4") through aspiration type Festo VAD 1/4
- 15-Outlet encoder's cables (N°1 PT 1000)  
- 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")
- 19-Inlet air arbor's cleaning (ø bar) (G1/8")
- PT 100 Bearing's temperature sensor
- PTC 130 Motor sensor

Connector M23-17P



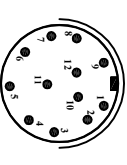
- 1 white A+
- 2 brown A-
- 3 grey NE+
- 5 PTC 130
- 6 not connected
- 8 blue to red thermal switch PT 1000
- 9 blue to red thermal switch PT 1000
- 10 red +5V DC
- 11 pink B+
- 12 black B-
- 13 yellow Ref.
- 14 blue to red
- 15 blue 5V sensor
- 16 green SV sensor
- 17 not connected

Connector M17-6+1P



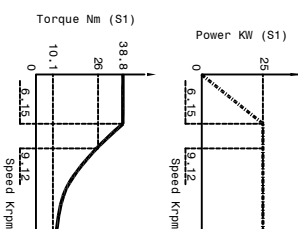
- 1 brown +24 V DC
- 2 blue 0 V DC
- 3 black SS signal
- 4 black SS signal
- 5 not connected
- 6 not connected
- 7 not connected

Connector M23-12P



- 1 brown +24 V DC
- 2 blue 0 V DC
- 3 not connected
- 4 red PT 100
- 5 red PT 100
- 6 red PT 100
- 7 white PT 100
- 8 blue to red thermal switch PT 1000
- 9 not connected
- 10 not connected
- 11 not connected
- 12 not connected

PERIOD	1000	1500	2000	2500	3000	3500	4000	4500	5000
RENDER (S1)	12	17	22	27	32	37	42	47	52
POWER (S1)	10	15	20	25	30	35	40	45	50
TORQUE (S1)	10	15	20	25	30	35	40	45	50
RENDER (S2)	12	17	22	27	32	37	42	47	52
POWER (S2)	10	15	20	25	30	35	40	45	50
TORQUE (S2)	10	15	20	25	30	35	40	45	50
RENDER (S3)	12	17	22	27	32	37	42	47	52
POWER (S3)	10	15	20	25	30	35	40	45	50
TORQUE (S3)	10	15	20	25	30	35	40	45	50
RENDER (S4)	12	17	22	27	32	37	42	47	52
POWER (S4)	10	15	20	25	30	35	40	45	50
TORQUE (S4)	10	15	20	25	30	35	40	45	50



Asynchronous Motor: 4 poles  
Runout taper: 0.002 mm

**Paron Speed**  
SUBJECT: PST TCV-S-106  
CUSTOMER:

Sheet: 1/1  
D/S: N°5531-00-02  
DATE: 12/08/2022

