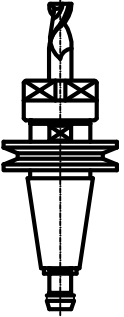
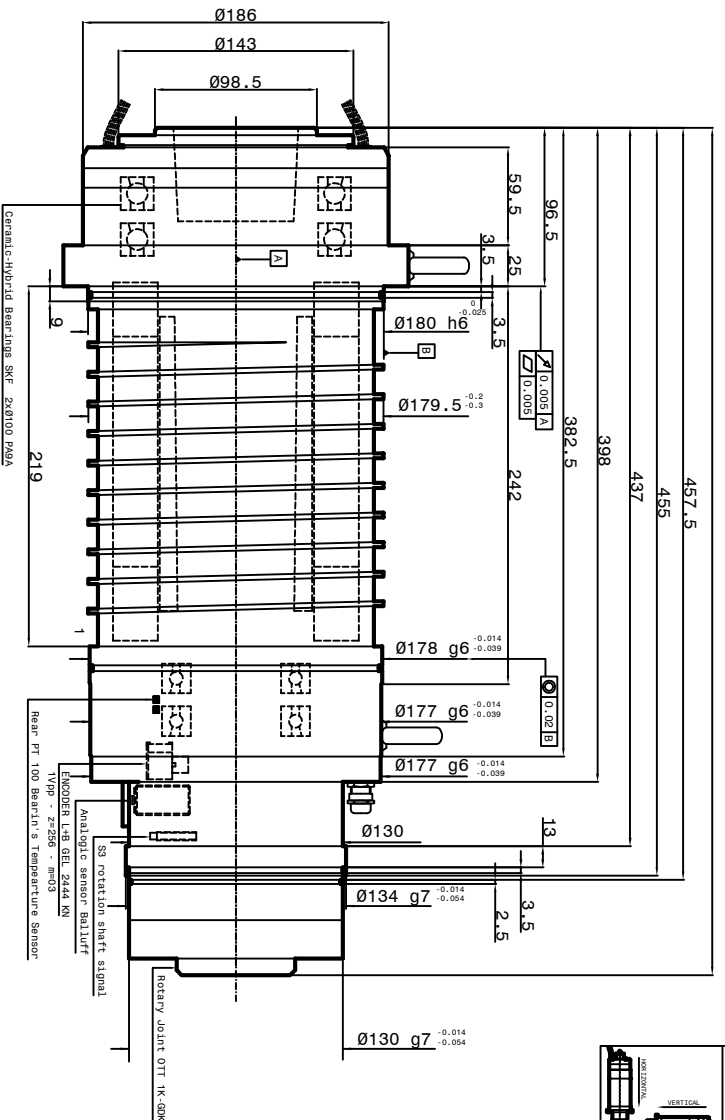


Tool holder HSK-A100  
DIN 69893



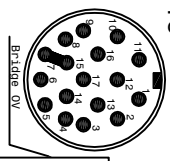
Tool holder ISO/BI 50



Cooling capacity=6400 Watt  
Air-Oil Bearings Lubrication  
Modul DYE Light ISO VG 32

- 1-Coolant inlet (3-4 bar) (9-12 L/min.)
- 2-Coolant outlet Ø7
- 3-Hydraulic pressure unclamping Tool (min 80bar - max 90bar) (G1/8")
- 5-Electric connection (L=1000)
- 3- Phases motor Phases U n°2 cables Ø8 - 6mm2 Phases W n°2 cables Ø8 - 6mm2 PE Earth n°1 cable Ø8 - 5mm2
- 6-Outlet sensor's cables (S6) (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)
- 11-Rear bearings lubrication (G1/8") (Ø6/4)
- 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 lube refrigerant inlet by rotary (Ø0 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 A+
- 5 PTC 130
- 6 not connected
- 7 blue to red thermal switch PT 1000
- 8 blue to red thermal switch PT 1000
- 10 red +5V DC
- 11 pink B+
- 12 black B-
- 13 yellow Ref.
- 14 yellow Ref.
- 15 blue 0V
- 16 green 5V sensor
- 17 not connected

Connector M17-61P

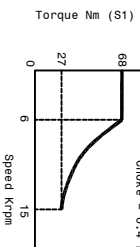


- 1 brown +24 V DC
- 2 blue 0 V DC
- 3 blue 0 V DC
- 4 not connected
- 5 red PT 100
- 6 red PT 100



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

SERIES	1500	1500	1500
RESOLUTION	4K	2K	2K
POWER (S1)	42	42	42
THERMAL (S1)	50	50	50
CURRENT (S1)	120	95	95
POWER (S2) (V2 2 MIN.)	KN	KN	KN
POWER (S2) (V2 2 MIN.)	KN	KN	KN
THERMAL (S2) (2 MIN.)	V	V	V
CURRENT (S2) (2 MIN.)	KN	KN	KN
THERMAL (S2) (2 MIN.)	V	V	V
CURRENT (S2) (2 MIN.)	KN	KN	KN
THERMAL (S2) (2 MIN.)	V	V	V
CURRENT (S2) (2 MIN.)	KN	KN	KN



Synchronous Motor: 4 poles  
Runout taper: 0.002 mm  
SUBJECT: PST TCV-S-107  
CUSTOMER:  
DATE: 12/08/2022

