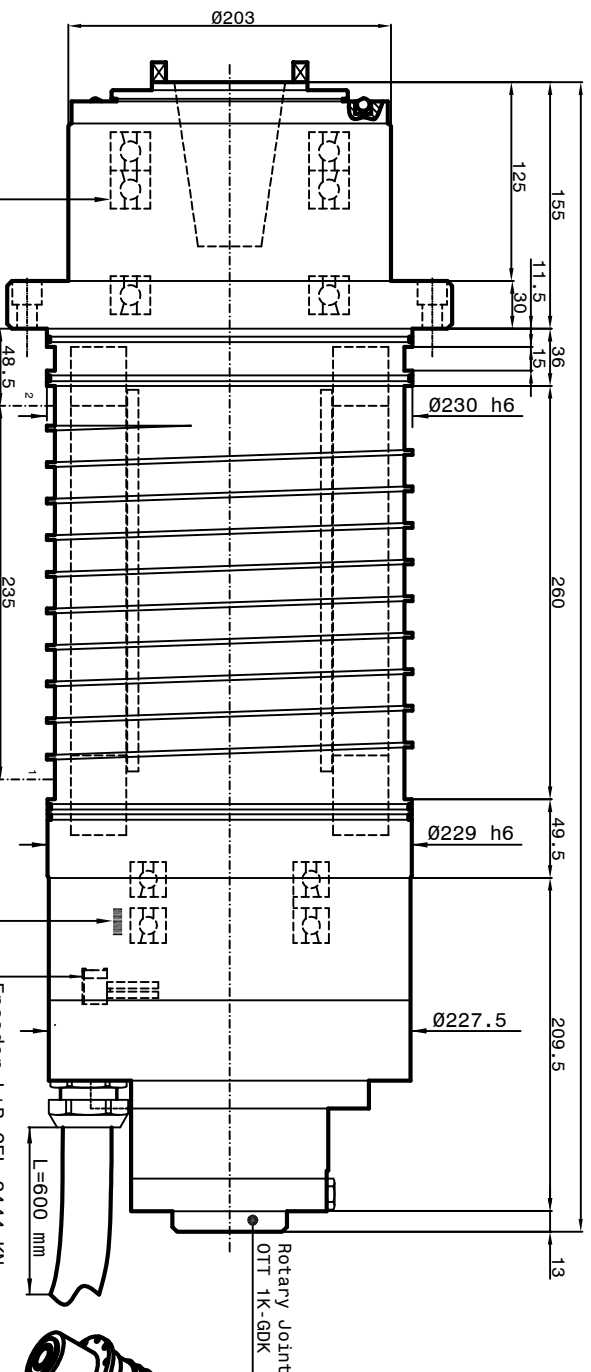
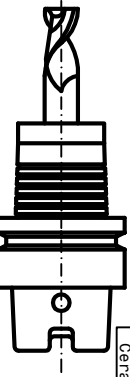


Tool Holder ISO/BI50

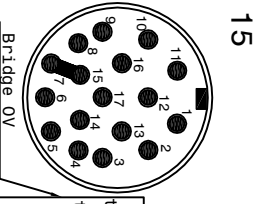


Tool holder HSK A 100
DIN 69893



- 1-Coolant inlet (3÷4 bar) (8÷10 L/min.)
- 2-Hydraulic pressure unclamping tool (min 80bar - max 90bar) (G1/4")
- 3-Hydraulic pressure clamping tool (return piston)(10bar max) (G1/4")
- 4-Hydraulic pressure clamping tool (return piston)(10bar max) (G1/4")
- 5-Elctric connection (L=600mm)
- 6-Phases motor: Earth phase W n°2 cables Ø7 mm phase U n°2 cables Ø7 mm Earth n°1 cable Ø6 mm
- 7-Phases motor: Earth phase W n°2 cables Ø7 mm phase U n°2 cables Ø7 mm Earth n°1 cable Ø6 mm
- 8-Outlet sensor's cables (S1-S2-S4) (L=600mm)
- 9-S1 PNP = piston under pressure ready to be used
- 10-S2 PNP = piston under pressure ready to be used
- 11-S4 PNP = piston under pressure ready to be used
- 12-The electrospindle can not turn.
- 13-S4 PNP = Toolholders not clamped
- 14-The electrospindle cannot turn.
- 15-PT 100 Bearings Temperature sensor
- 16-Front-side Purvitzation Filtered (5µm)
- 17-Tool cooling water (Ø8)(20 bar)
- 18-Front bearings Lubrication-1(Ø4)
- 19-Front bearings Lubrication-2(Ø4)
- 20-Rear bearings Lubrication (G1/8")
- 21-12/1-Inlet air Inlet for aspiration oil (G1/8")
- 22-12/1-Inlet air Inlet for aspiration oil (G1/8")
- 23-12/1-Inlet air Inlet for aspiration oil (G1/8")
- 24-12/1-Inlet air Inlet for aspiration oil (G1/8")
- 25-12/1-Inlet air Inlet for aspiration oil (G1/8")
- 26-12/1-Inlet air Inlet for aspiration oil (G1/8")
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- 98-12/1-Inlet air Inlet for aspiration oil (G1/8")
- 99-12/1-Inlet air Inlet for aspiration oil (G1/8")
- 100-12/1-Inlet air Inlet for aspiration oil (G1/8")

Cooling capacity=5150 Watt
Air-Oil Bearings Lubrication
Mobil DTE Light ISO VG 32



15

screen on carcass

1 white A+

2 brown A-

3 grey Ref+

4 not connected

5 not connected

6 not connected

7 blue 0V

8 white-brown thermal switch PT 1000

9 white-brown thermal switch PT 1000

10 red +5V Dc

11 pink B+

12 black B-

13 yellow Ref-

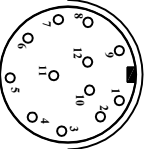
14 not connected

15 not connected

16 green 5V sensor

17 not connected

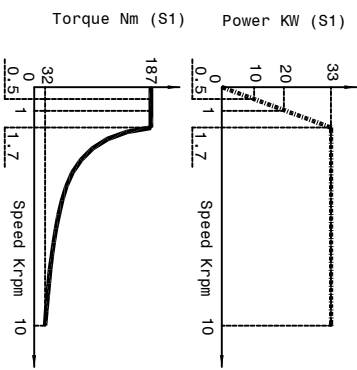
6



- 1 brown +24 V DC
- 2 blue 0 V DC
- 3 black S1 signal
- 4 black S2 signal
- 5 not connected
- 6 black S4 signal
- 7 rear PT 100
- 8 not connected
- 9 rear PT 100
- 10 front PT 100
- 11 shield
- 12 front Pt 100

SPEED	1500	1000	1700	11000
FREQUENCY	Hz 16	33	57	333
POWER (S1)	kW 10	20	32	32
TORQUE (S1)	Nm 187	47	32	32
TENSION (S1)	V 52	52	150	420
CURRENT (S1)	A 180	180	180	120

Choke = 0.1 mH/phase



Synchronous motor: 4 poles

Runout taper: 0.002mm

Peron Speed
INTERMIXED

SUBJECT: PS TCV-S-206

CUSTOMER:

Sheet: 1/1 DIS. N°4190-00 DATE: 16/08/2022

