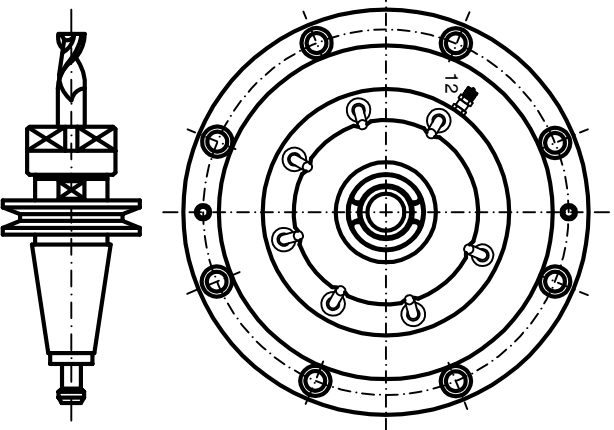
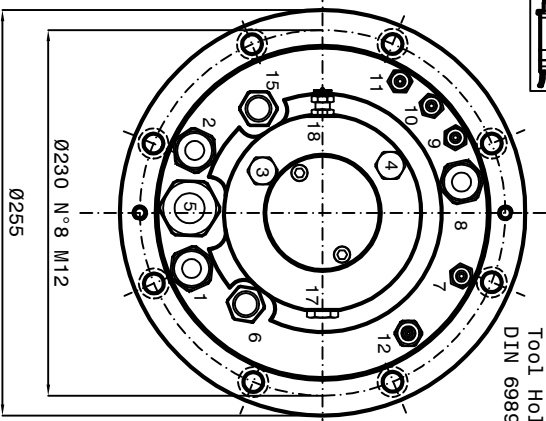
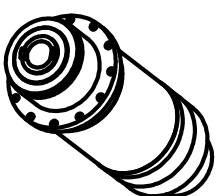
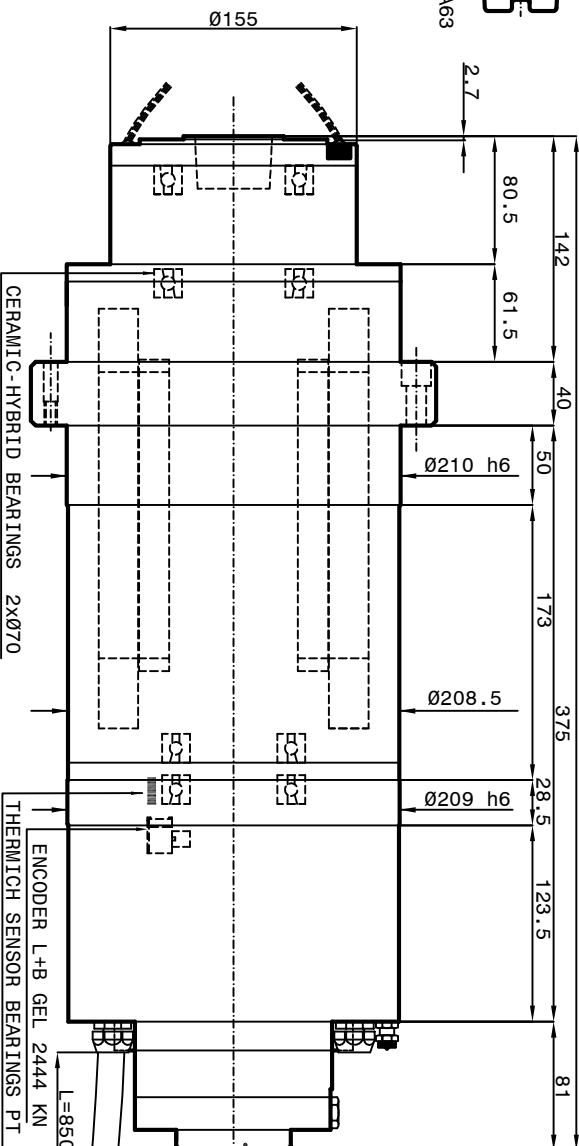


Tool Holder HSK-A63
DIN 69893



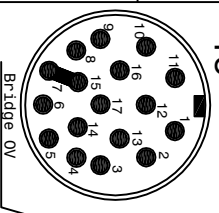
Tool holder ISO/BT 40



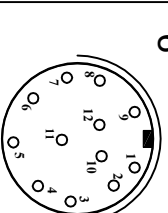
ROTARY JOINT
OTT 1K-GDK

Cooling capacity = 3350 Watt
Air-Oil Bearings Lubrication
Mobil DTE Light ISO VG 32

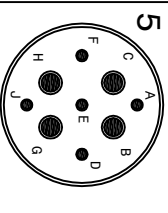
- 1-Coolant inlet (G1/2") (3+4 bar) (5 L/min.)
- 2-Coolant outlet (G1/2")
- 3-Hydraulic pressure unclamping tool (50bar/min.-90 bar max) (G1/4")
- 4-Hydraulic pressure clamping tool (return piston) (50bar max) (G1/4")
- 5-Electric connection 3phases motor - Earth
- 6-Outlet sensor's cables (S1-S2-S4) S1 = Tool's arbor clamped. S2 = Piston under pressure ready to receive tools arbor. The electrosprindle can not turn.
- S4 = Tool's arbor not clamped
- The electrosprindle cannot turn.
- PT 100 Bearing's temperature sensor
- 7-Front-side pressurization filtered (5µm) (1-1.5 bar) (G1/8")
- 8-Tool cooling (G1/2") (20 bar)
- 9-Front bearings lubrication -1 (G1/8")
- 10-Front bearings lubrication -2 (G1/8")
- 11-Rear bearings lubrication (G1/8")
- 12-Unloading lubrication bearings (G1/4") through aspirator type Festo VAD 1/4
- 15-Outlet encoder's cables (Gel 2444 KN) Motor thermich 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")



- 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

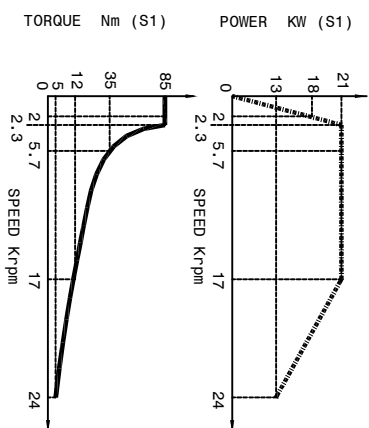


- screen on carcass
- 1 brown +24 V DC
 - 2 blue 0 V DC
 - 3 black S1 signal
 - 4 black S2 signal
 - 5 not connected
 - 6 black S4 signal
 - 7 not connected
 - 8 not connected
 - 9 not connected
 - 10 rear PT 100
 - 11 shield
 - 12 rear PT 100



- A not connected
- B blue phase V
- C black phase W
- D not connected
- E not connected
- F not connected
- G brown phase U
- H yellow-green Earth
- J not connected

SPEED	2000	2350	5720	17230	24000
FREQUENCY	Hz 106	123	288	870	1200
POWER (S1)	Kw 18	21	21	21	13
TORQUE (S1)	Nm 85	85	35	12	5
TENSION (S1)	V 140	162	380	380	380
CURRENT (S1)	A 106	104	64	45	32
POWER (S6-40%)	Kw 24	27	27	27	13
TORQUE (S6-40%)	Nm 116	116	45	17	5
TENSION (S6-40%)	V 140	162	380	380	380
CURRENT (S6-40%)	A 136	135	70	57	32



Asynchronous Motor: 6 poles Runout taper 0.002mm

Peron Speed
SUBJECT: PSI TCV-205
CUSTOMER: