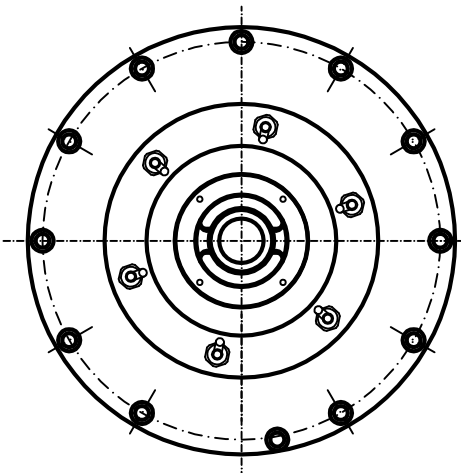


Ceramic-Hybrid Bearings 4XØ100

System to block the shaft by Hirt gear
With n°12 blocking positions

Encoder L+B GEL 2444 KN
1Vpp - Z=512 - m=03

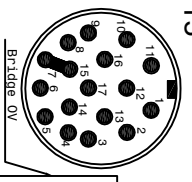


Tool Holder HSK-A100
DIN 69893

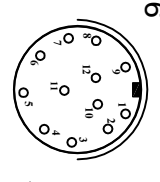
Tool holder ISO/BT 50

- 1-Coolant inlet (G1/2") (3-4 bar) (20 l/min.)
- 2-Coolant outlet (G1/2")
- 3-Hydraulic pressure unclamping tool (50bar max) (G3/8")
- 4-Hydraulic pressure clamping tool (50bar max) (G3/8")
- 5-Electric connection (L=2.5 mt)
- 3 Phases motor - Earth
- 5/a Phase U1-U2 n-2 cables Ø10
- 5/b Phase W1-W2 n-2 cables Ø10 - Earth n-2 cables Ø10
- 6-Outlet sensor's cables (S1-S2-S4-S7-S8) (L=2.5 mt)
- S1 PNP = Toolholders clamped.
- S2 PNP = Piston under pressure ready to receive tools arbor.
- The electrospindle can not turn.
- S4 PNP = Toolholders not clamped.
- The electrospindle cannot turn.
- S7 = Sensor shaft to block
- S8 = Sensor shaft unblock
- 7-Front side pressurization filtered (5µm) (1-1.5 bar) (G1/8")
- 8-Tool cooling water (G3/8") (20 bar) (1-1.5 bar) (G1/8")
- 15-Outlet encoder's cables (Gel 2444 KN) (L=2.5 mt)
- Motor thermal switch (N°1 PT 1000)
- 17-Tool's Lubro refrigerant inlet by rotary joint (80 bar) (G1/4")
- 18-Rotary joint Leakage outlet (G1/8")
- 21-011 Inlet to block the shaft (60bar) (G1/4")
- 22-011 Inlet to unblock the shaft (60bar) (G1/4")

Cooling Capacity=9200 Watt
Grease Bearings Lubrification

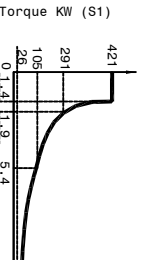
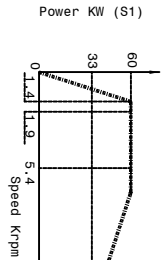


15
screen on carcass



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 black S7 signal
8 black S8 signal
9 not connected
10 not connected
11 not connected
12 PT 100

SPEED	RPM	1400	1900	5400	12000
FREQUENCY	Hz	93	157	441	800
TORQUE (S1)	KN	60	60	60	50
TORQUE (S1)	MM	421	291	105	340
TENSION (S1)	V	265	390	380	380
CURRENT (S1)	A	180	141	115	99
POWER (S6-40% 2 min.)	KW	75	75	75	32
TORQUE (S6-40% 2 min.)	MM	531	365	150	26
TENSION (S6-40% 2 min.)	V	265	380	380	380
CURRENT (S6-40% 2 min.)	A	221	163	147	63



Asynchronous motor: 8 poles Runout taper 0.002mm

Peron Speed
SUBJECT: PS TCV-T-214
CUSTOMER:

Sheet: 1/1 DIS. N° 5761-00 DATE: 19/08/2022