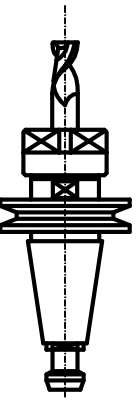
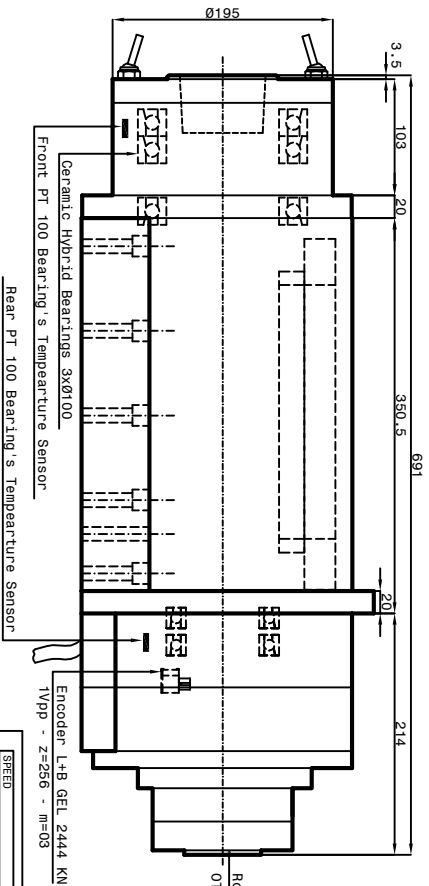
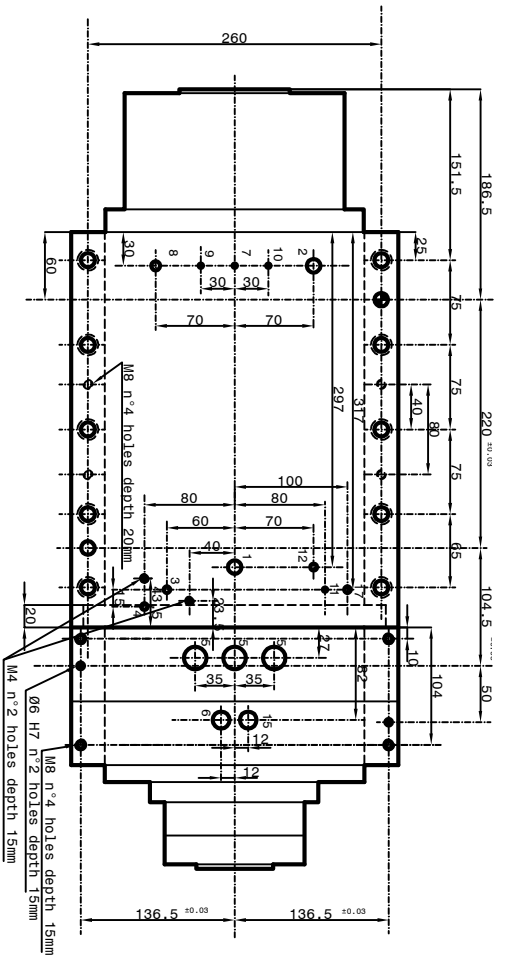


Tool holder HSK A 100  
DIN 69893



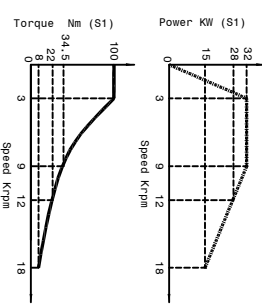
Tool holder ISO/BI 50



- Coolant inlet (Ø12)/(3-4 bar)(12 L/min.)
- Coolant outlet (Ø12)
- Hydraulic pressure unclamping tool (max 80bar - max 90bar) (Ø6)
- Hydraulic pressure clamping tool (return piston)(10bar max) (Ø6)
- Electric connection (-2000)
- Electric connection (-2000)
- Phases motor U n°2 cables Ø6
- Phases motor V n°2 cables Ø6
- Phases motor W n°2 cables Ø6
- Earth n°2 cables Ø6
- Outlet sensor's cables (S1-S2-S4-S5)(L=2000mm)
- PMP = Piston under pressure ready
- PMP = Piston under pressure ready
- The electrospindle can not turn.
- The electrospindle cannot turn
- S4 PMP = Toolholders not clamped Ø4
- The electrospindle cannot turn
- S5 PMP = sensor - return piston Ø4
- PT 100 Bearing's temperature sensor
- Front side pressurization filtered (5µm)
- Tool cooling water (Ø8)(20 bar)
- Front bearings Lubrication -1 (Ø4)
- Front bearings Lubrication -2 (Ø4)
- Rear bearings Lubrication (Ø4)
- Unloading Lubrication bearings (Ø6)
- Outlet encoder's cables (Gel 2444 KN)(L=2000mm)
- Motor thermal switch (N°1 PT 1000)
- Tool's Lubro refrigerant inlet by rotary (Ø6 bar) joint (Ø5)
- Inlet air arbor's cleaning (Ø6 bar)
- Rotary joint leakage outlet

- 1 brown A-
- 2 grey Ref. red
- 3 grey Ref. red
- 4 blue V DC
- 5 not connected
- 6 not connected
- 7 not connected
- 8 blue Ø1
- 9 Thermal switch PT 1000
- 10 red +5V Dc
- 11 not connected
- 12 not connected
- 13 yellow Ref.
- 14 not connected
- 15 blue Ø1
- 16 green Ø1 sensor

SPEED	3000	9000	12000	18000	
FREQUENCY	Hz	104	310	400	600
POWER (S1)	KW	32	32	28	15
TORQUE (S1)	Nm	100	34.3	22	8
CURRENT (S1)	A	350	89	50	30
POWER (S6-40%) - 2 min.	KW	46	40	32	16.5
TORQUE (S6-40%) - 2 min.	Nm	129	61	25	9
TENSION (S6-40%-2 min.)	V	380	380	380	390
CURRENT (S6-40%-2 min.)	A	77	77	60	34



Asynchronous motor: 4 poles  
Runout taper: 0.002mm

**Paron Speed** GETTTO: PSI ES-202  
CUSTOMER:

Sheet: 1/1 Dls: n°3955-00-03 DATE :

