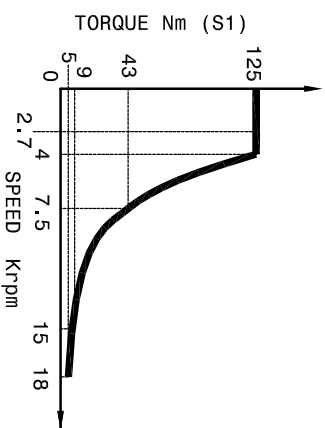
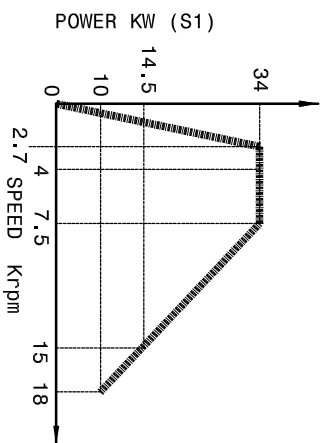


- 1 - Coolant inlet (Ø6)
 - 2 - Coolant outlet (Ø6)
 - 3 - Hydraulic pressure unclamping tool (50bar max) (Ø6)
 - 4 - Hydraulic pressure clamping tool (50bar max) (Ø6)
 - 5 - Electric connection
- 3Phases motor - Earth
- Outlet sensor's cables (S1-S2-S4)
S1 = Tool's arbor clamped.
S2 = Piston under pressure ready to receive tools arbor.
The electrospindle cannot turn.
- S4 = Tool's arbor not clamped
The electrospindle can not turn.
Themich sensor bearings
- Cables triaxial accelerometer
- 6 - Front-side pressurization (Ø4)
 - 7 - Tool cooling (Ø6)
 - 8 - Front bearings Lubrication 1 (Ø4)
 - 9 - Front bearings Lubrication 2 (Ø4)
 - 10 - Rear bearings Lubrication 1 (Ø4)
 - 11 - Unloading Lubrication bearings (Ø4)
 - 12 - Rear bearings Lubrication 2 (Ø4)
 - 13 - Front bearings Lubrication 3 (Ø4)
 - 14 - Rear-side pressurization (Ø4)
 - 15 - Tool's Lubro refrigerant inlet for rotary joint (Ø6)
+ Inlet air arbor's cleaning

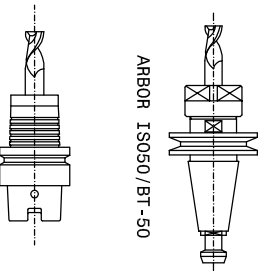
SPEED	RPM	2700	4100	7500	15000	18000
FREQUENCY	Hz	93	140	250	500	600
POWER (S1)	KW	34	34	34	14.5	10
TORQUE (S1)	Nm	125	79	43	9	5
TENSION	V	261	380	380	380	380
CURRENT	A	97	69	61	28	22



Air-Oil bearings Lubrication

Motor 4 pole

Runout taper 0.002mm



ARBOR HSK-A63 / A80
DIN 69873



SUBJECT : PS ES-7
CUSTOMER :

Sheet:1/1

Dwg.n°119-00

DATE :