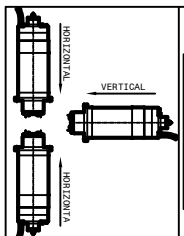
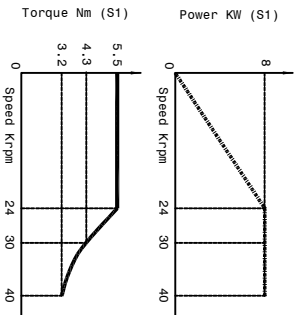


Air-Oil Bearings Lubrication
Mobil DTE Light ISO VG 32
Cooling capacity = 2150 Watt

- 1-coolant inlet (Ø5)(3+4 bar)(3+4 l/min.)
- 2-coolant outlet (Ø5)
- 3-Electric connection
- Motor thermal switch (N°1 PTC 130)
- outlet sensor's cables (S1-S2-S4)
- outlet cables Encoder (GEL 2444 KN)
- Motor thermal switch (N°1 PT 1000)
- S1 = Tool's arbor clamped.
- S2 = Piston under pressure ready to receive tools arbor.
- The electrospindle can not turn.
- S4 = Tool's arbor not clamped
- The electrospindle cannot turn.
- 4-Front-side pressurization filtered (5µ) (1-1.5 bar) (Ø1/8")
- 6-Inlet air arbor's cleaning (6 bar) (Ø5)
- 7-Hydraulic pressure unclamping tool (min 50bar - max 60bar) (Ø5)
- 9-Front bearings Lubrication-1 (Ø4)
- 10-Front bearings Lubrication-2 (Ø4)
- 11- Rear bearings Lubrication (Ø4)



SPEED	PPM	24000	30000	40000
FREQUENCY	Hz	800	1000	1333
POWER(S1)	KW	13.8	13.8	13.8
TORQUE (S1)	Nm	5.5	4.3	3.2
TENSION	V	380	380	380
CURRENT	A	35	30	29



Asynchronous motor: 4 poles
 Runout taper: 0.002mm
Peron Speed
 SUBJECT: PSI ES-103
 CUSTOMER :
 SHEET: 1/1
 DJS, N°1507-00-01
 DATE :