



- 1 - Coolant inlet (G1/2")
- 2 - Coolant outlet (G1/2")
- 3 - Hydraulic pressure unclamping tool (50bar max) (G1/4")
- 4 - Hydraulic pressure clamping tool (50bar max) (G1/4")
- 5 - Electric connection
3Phases motor - Earth
- 6 - Outlet sensor's cables (S1-S2)
(Veam VPT01W14-12P/VPT 06W14-12S)
S1 = Tool's arbor clamped.
S2 = Piston under pressure ready to receive tools arbor.
The electrospindle can not turn.
- 7 - Front-side pressurization (G1/8")
Themich sensor bearings
- 8 - Tool cooling (G3/8")
- 9 - Front bearings lubrication 1 (G1/8")
- 10 - Front bearings lubrication 2 (G1/8")
- 11 - Rear bearings lubrication 1 (G1/8")
- 12 - Unloading lubrication bearings (G1/8")
- 13 - Rear bearings lubrication 2 (G1/8")
- 14 - Front bearings lubrication 3 (G1/8")
- 15 - Outlet encoder's cables (Gel 2442 KN)
Motor thermich switch (N°2 KTY)
(6FX2 003-1CF17/6FX 003-0CE17)
- 16 - Filtered air continuous inlet 0.5 Micron for rear protection
- 17 - Tool's lubro refrigerant inlet by rotary joint (G1/4")
+ inlet air arbor's cleaning
- 18 - Rotary joint leakage outlet



SUBJECT : PS TCV-10
CUSTOMER :

SHEET : 2/3

DATE : 13/02/2006