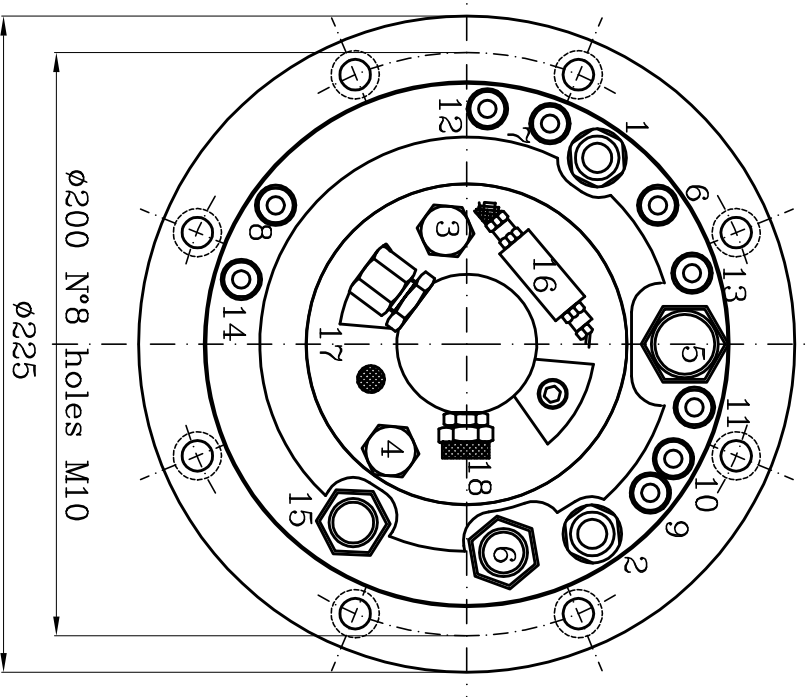


VIEW FROM "A"

- 1-Coolant inlet (G1/4")
- 2-Coolant outlet (G1/4")
- 3-Hydraulic pressure unclamping tool (50bar max) (G1/4")
- 4-Hydraulic pressure clamping tool (50bar max) (G1/4")
- 5-Eleetric connection
 - 3Phases motor - Earth
- 6-Outlet sensor's cables (S1-S2-S4)
(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.
 - S4 = Tool's arbor not clamped
 - The electrospindle cannot turn.
- 7-Front-side pressurization (G1/8")
 - Themich sensor bearings
- 8-Tool cooling (G1/4")
- 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)
(6FX2 003-1CF17/6FX 003-0CF17)
 - Motor themich switch (N°2 KTY)
- 16-Rear-side pressurization
- 17-Tool's lubro refrigerant inlet by rotary joint(G1/4")
 - + inlet air arbor's cleaning
- 18-Rotary joint leakage outlet



SUBJECT : PS TCV-4
CUSTOMER :