

VIEW FROM "A"

- 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-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.

Thermich sensor bearings

7-Front-side pressurization (G1/8")

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)

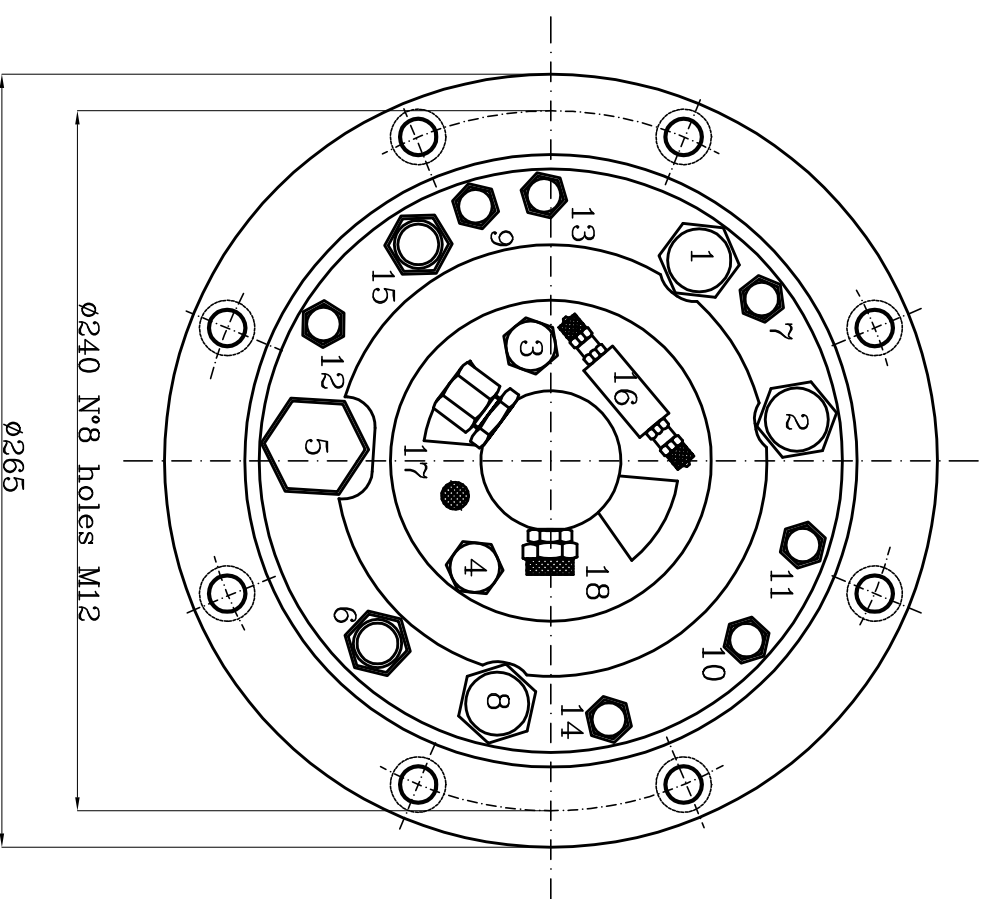
(6FX2 003-1CF17/6FX 003-0CE17)

16-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-8
CUSTOMER :