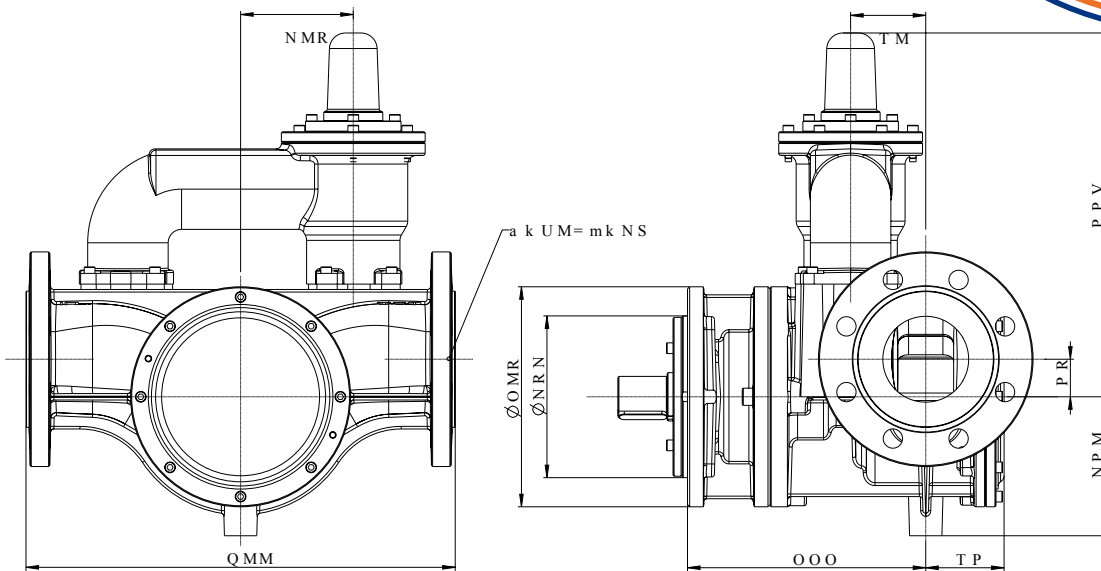


# FP258-516 Pump

<b>Range flow (m3/h)</b>	0 - 30
<b>Speed rotation range (RPM)</b>	0 - 950*
<b>Fluid viscosity range (cSt)</b>	1 - 10,000*
<b>Pump vacuum (Bar)</b>	-0,5
<b>Std. operation pressure (Bar)</b>	5
<b>Maximal pressure (Bar)</b>	15
<b>Std. operating temperature (°C)</b>	-20/ +150
<b>Body and stator materials</b>	Cast iron
<b>Shaft and blades materials</b>	Hardened steel
<b>Integrated by-pass</b>	Yes
<b>Maximal size of hard particles</b>	200 microns
<b>Acoustic pressure</b>	90 db
<b>Seal type</b>	Mechanical seal



**Flow calculation:**  
curves below are given for a pump FP516 (516cm<sup>3</sup> by rotation) for a FP258 it is necessary to multiply by 258 and to divide by 516 (flow is proportional to the cubic capacity of the pump and at the speed rotation of the engine).

\* Board viscosity/speed

viscosity (cSt)	Maximum speed (RPM)
0 - 1000	950
1000 - 3000	750
3000 - 5000	500
5000 - 10,000	250
> 10,000	100

