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15 l/min	Subplate mounting throttle microvalves - NB 6		FC - 25
315 bar			
GENERALITIES			
Allow fluid flow varying either both ways (throttle valves) or one-way (one-way restrictors).			
Manually adjusted, by micrometer scaled rotary knob.			
Subplate mounting surfaces conforming to ISO 6263.			
PERFORMANCE DATA			
GENERAL			
Mounting position: unrestricted Fixing: subplate mounting Fluid flow direction: Throttled: A->B and B->A through throttle valve and A->B through one-way restrictor Free: B->A throug hcheck-valve Temperature range of ambient medium: -20°c+50°c Symbol: Throttle valve A B B B C C C C C C C C C C C C C C C C			
HYDRAULIC			
Nominal pressure : 315 bar			
Flow adjustment range: 0,5 l/min 15 l/min			
By-pass valve cracking pressure: max. 1 bar			
Fluid : Fluid type: additived mineral oil. Viscosity range: 10500 cSt Temperature range : -20°C+70°C Filtration: < 25 μm			

## CHARACTERISTIC CURVES



Pressure drop across by-pass valve (B->A) vs. flow rate  $\triangle p = f(Q)$  and through valve in completely open position (A->B) - fig.2



## DIMENSIONS





Weight: 1,3 Kg.



Fig. 4

- 2 fixing screws M 5x60 SR ISO 4762:1993 gr. 10.9. Tightening screws 0,6 <sup>+0,2</sup> daNm. Screws supplied with valve.

Model code: PBQ2P6-1

Weight: 0,7 Kg.

## MODEL CODE

## 1 2 3 4 - 5 - 6/\*

 $^{\star}$  For climatic protected model, add at the end of model code /T1 or T2

- 1. DR Hydraulic restrictor
- 2. Integrated by-pass valve
  - 1 with by-pass valve (one-way restrictor)
  - 2 without by-pass valve (throttle valve)

3. Subplate mounting;

- 4.6 Nominal bore
- 5. G Manual adjusting, by micrometer scaled rotary knob;
- 6. O Series.