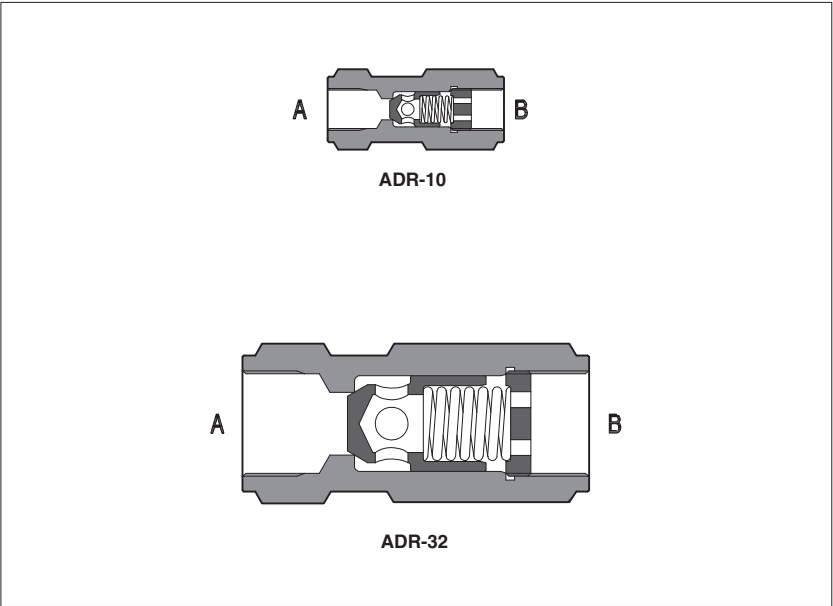


Check valves type ADR

in-line mounting - from G 1/4" to G 1 1/4" threaded ports



ADR are direct operated check valves for in-line mounting available with port size from 1/4" to 1 1/4" GAS.
Cartridge designed to operate in hydraulic systems with hydraulic mineral oil or synthetic fluid having similar lubricating characteristics.

Flow up to 500 l/min.
Pressure up to 400 bar.

1

MODEL CODE

ADR

-

10

/

4

**

Check valve
in-line mounting

Series number

Size/threated connections:
06 = G 1/4"
10 = G 3/8"
15 = G 1/2"
20 = G 3/4"
25 = G 1"
32 = G 1 1/4"

Cracking pressure:
- = 0,5 bar
/2 = 2 bar
/4 = 4 bar
/8 = 8 bar

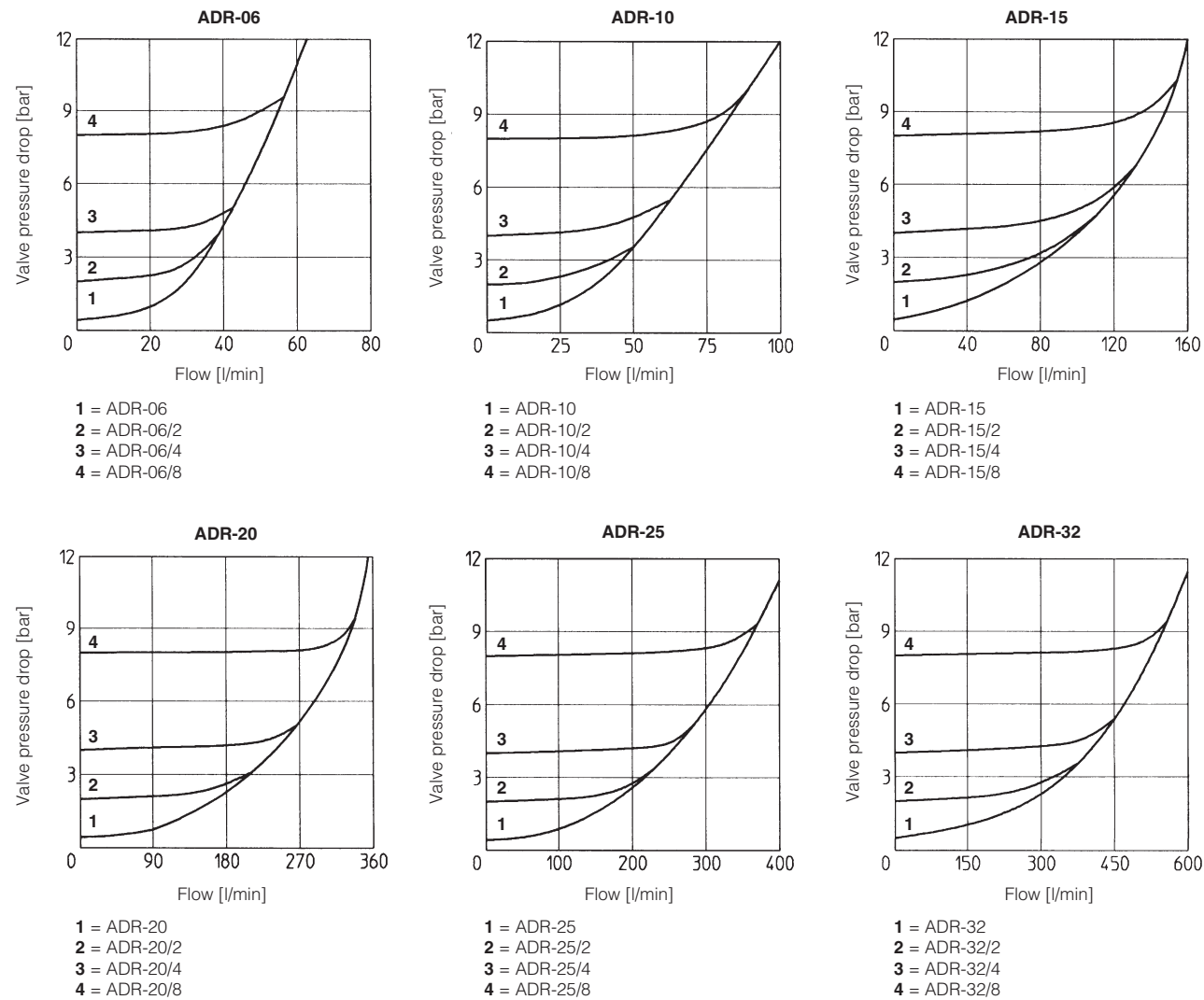
2 HYDRAULIC CHARACTERISTICS

Hydraulic symbol	A  B					
Valve model	ADR-06	ADR-10	ADR-15	ADR-20	ADR-25	ADR-32
Max recommended flow [l/min]	40	80	150	300	360	500
Max pressure [bar]	400		350			

3 MAIN CHARACTERISTICS OF CHECK VALVES TYPE ADR

Assembly position / location	Any position
Fluid	Hydraulic oil as per DIN 51524 ... 535;
Recommended viscosity	15 ÷ 100 mm²/s at 40°C (ISO VG 15 ÷ 100)
Fluid contamination class	ISO 4401 class 21/19/16 NAS 1638 class 10 (filters at 25 µm value with β25 ≥ 75 recommended)
Fluid temperature	T ≤ 80°C
Flow direction	As shown in the symbol at section 2
Rated flow	See diagrams Q/Δp at section 4

4 FLOW VERSUS PRESSURE DROP DIAGRAMS Based on based on mineral oil ISO VG 46 at 50°C



5 DIMENSIONS [mm]

