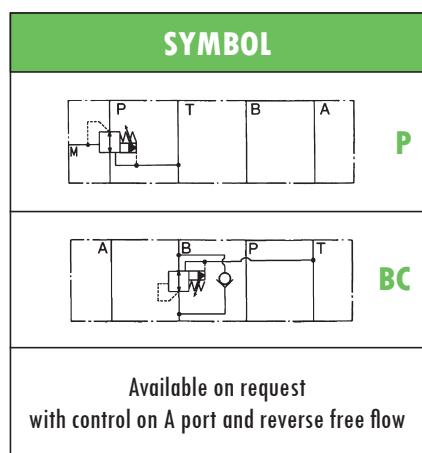


ISO 03 HYDRAULIC STACKABLE VALVES type **AM3-RP** PRESSURE REDUCING – PILOT OPERATED

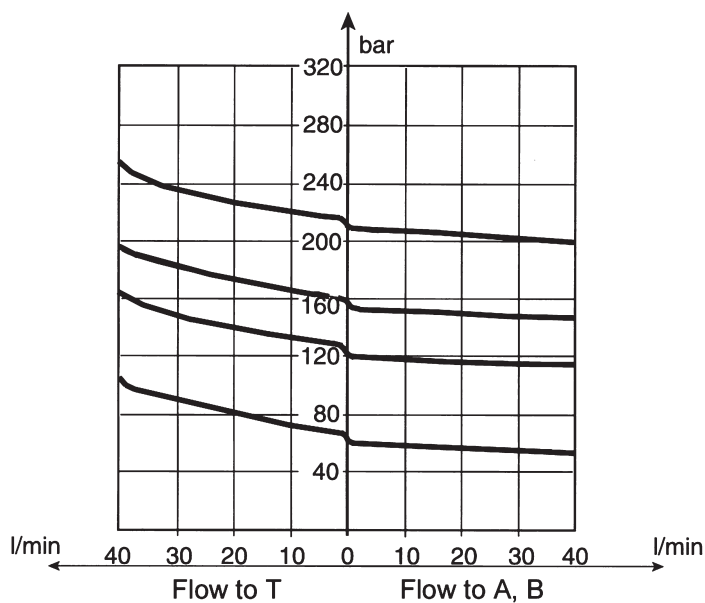
- Hydraulic pressure reducing valves, pilot operated
- **ISO 03** interface, stackable assembly
- Adjustment by screw with locking nut
- Max nominal pressure: 320 bar
- Max reduced pressure: 210 bar
- Max recomm. flow: 40 l/min (controlled channels)
60 l/min (free channels)
- Mass: 1,10 kg (1,45 kg with check valve)
- Suitable for mineral oil according to ISO 18/16/14 filtration class or better.
Recommended viscosity range: 10 to 60cSt



ORDERING CODE	
AM3 – RP – BC / 20	
AM3	ISO 03 stackable valve
RP	Pilot operated pressure reducing valve
BC	BC – Control on B port with reverse check valve P – Control on P with 3rd way on T line
20	Setting range: 6,3 = 5 to 70 bar 20 = 10 to 210 bar

TYPICAL DIAGRAM

Typical $\Delta p-Q$ curves for valves **AM3-RP**, with mineral oil at 36cSt and 50°C with different setting ranges and set relief pressures



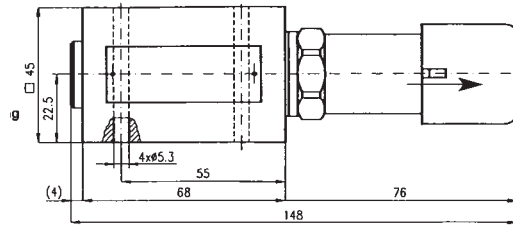
10) setting range 25 to 125 bar

20) setting range 40 to 250 bar

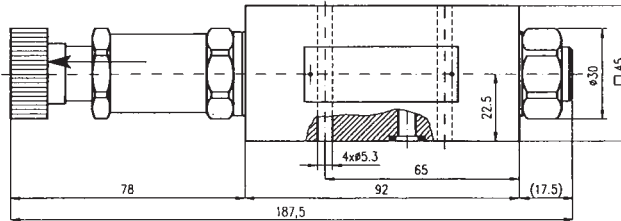
32) setting range 100 to 320 bar

OVERALL DIMENSIONS

AM3-RP-P



AM3-RP-BC-V



(*) for AM3-MO-BA/20: 216 max

Subject to technical and dimensional changes without notice

TYPICAL SECTION

0	Handwheel (On request — Add "V" in code)	5	Body
1	Pilot body	6	Plug with 1/4" pressure gauge port
2	Throttling spool	7	Pilot valve
3	Spring	8	Locking nut
4	Setting screw	9	Check valve (when required)

