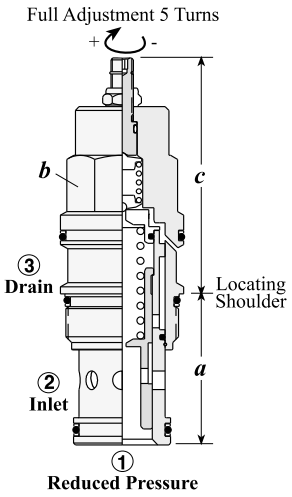
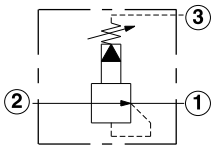
PILOT OPERATED REDUCING



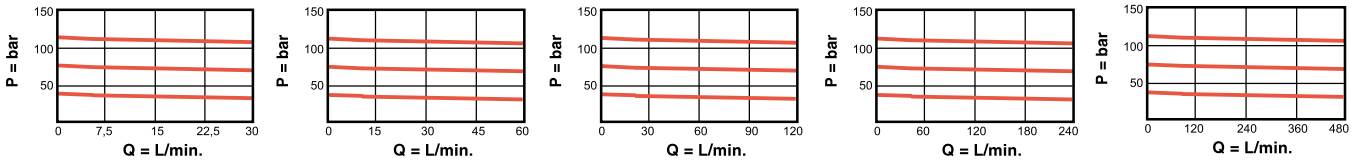


Capacity	Typical Cartridge Model Code	Cavity	Cartridge Dimensions a	b	c L	c C	c K	Installation Torque (Nm)
20 L/min.	**PBBB – LAN**	T - 163A	31	19,1	65	67	71	35/40
40 L/min.	**PBDB – LAN**	T - 11A	34,9	22,2	64	66	70	40/50
80 L/min.	**PBFB – LAN**	T - 2A	34,9	28,6	72	74	78	60/70
160 L/min.	**PBHB – LAN**	T - 17A	46	31,8	84	86	90	200/215
320 L/min.	**PBJB – LAN**	T - 19A	63,5	41,3	100	104	107	465/500

Performance Curves

PB*B **PBDB** **PBFB** **PBHB** **PBJB**

Regulated Pressure



- Maximum operating pressure = 350 bar
- Factory pressure setting established at blocked control port (deadhead)
- Control pilot flow = PBBB, PBDB: 0,11 to 0,16 L/min., PBFB: 0,16 to 0,25 L/min., PBHB, PBJB: 0,25 to 0,33 L/min.
- Pressure at port 3 is directly additive to the valve setting at a 1:1 ratio and should not exceed 210 bar.

OPTION ORDERING INFORMATION

Model Codes printed in Red are Preferred Versions and most readily available

PB ★ B – ★ ★ ★

Nominal Capacity	*Control***	*Adjustment Range*	*Seal*
B 20 L/min.*	**L** Standard Screw	**A** 7 - 210 bar	**N** Buna-N
D 40 L/min.	**C** Tamper Resistant	**B** 3,5 - 105 bar	**V** Viton
F 80 L/min.	**K** Handknob	**N** 4 - 55 bar	
H 160 L/min.		**Q** 4 - 25 bar	
J 320 L/min.		**W** 10 - 315 bar	

Adjustment Range Options:
All are standard set at 14 bar.
Maximum pressure differentials for spring ranges:
A and B are 210 bar.
N and Q are 140 bar.
W is 350 bar inlet pressure.

*** See page 162 for information on Control Options*

** Minimum setting 5 bar on all ranges.*
Customer may specify pressure setting.

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