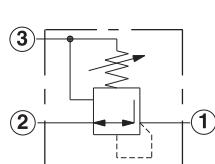
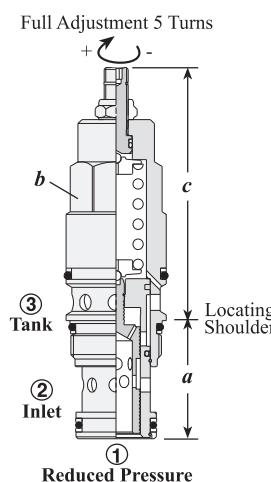


Reducing and Reducing/Relieving Valves

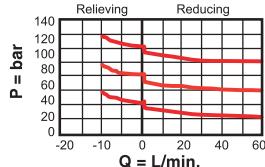
DIRECT ACTING REDUCING/RELIEVING



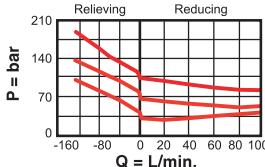
Capacity	Typical Cartridge Model Code	Cavity	Cartridge Dimensions			Installation Torque (Nm)		
			a	b	c			
L	C	K						
40 L/min.	PRDB - LAN	T - 11A	34,9	22,2	79	85	40/50	
80 L/min.	PRFB - LAN	T - 2A	34,9	28,6	89	91	60/70	
160 L/min.	PRHB - LAN	T - 17A	46	31,8	100	102	107	200/215
320 L/min.	PRJB - LAN	T - 19A	63,5	41,3	124	127,8	130	350/375

Performance Curves

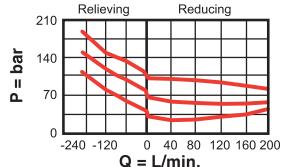
PRDB



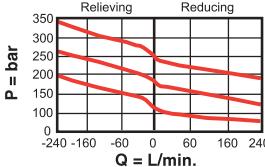
PRFB



PRHB



PRJB



- Maximum operating pressure = 350 bar
- Factory pressure setting established at blocked control port (deadhead)
- Maximum leakage = PRDB: 32,8 cc/min./70 bar; PRFB: 49,2 cc/min./70, PRHB: 65,5 cc/min./70 bar, PRJB: 81,9 cc/min./70 bar.
- Pressure at port 3 is directly additive to the valve setting at a 1:1 ratio and should not exceed 210 bar.
- All spring ranges are capable of operating with 350 bar inlet pressure.

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

PR ★ B - ★ ★

Nominal Capacity	Control**	Adjustment Range	Seal
D 40 L/min.	L Standard Screw	A 35 - 210 bar	N Buna-N
F 80 L/min.	C Tamper Resistant	B 3,5 - 105 bar	V Viton
H 160 L/min.	K Handknob	D 1,5 - 55 bar	
J 320 L/min.		E 1,5 - 25 bar	
		S 1,5 - 14 bar	
		W*50 - 315 bar	

Available for PRFB and PRHB

- A 50-210 bar
B 20-105 bar
D 14-55 bar
E 7-25 bar
S 3,5-14 bar

Adjustment Range Options:

- PRDB Only:**
A is standard set at 70 bar.
B, D, E, S are standard set at 14 bar.
PRFB, PRHB:
A, W are standard set at 70 bar.
D is standard set at 25 bar.
E is standard set at 14 bar.
S is standard set at 7 bar.

** See page 162 for information on Control Options

* Not available for PRFB, PRHB
Customer may specify pressure setting.

Visit www.sunhydraulics.com for detailed and complete technical information on our full line of products.

