



FEATURES

2-way design regulating valve, relief valve

- NPT ports
- Regulates the operating pressure of the system by releasing excess volume through the by-pass.
- Limits pressure in the system to the adjusted value.
- Protects the system from overpressurization.
- Suitable for controlling several units at the same time.
- Suitable for sea water.

SPECIFICATIONS

Part Number

MODEL	Max. Press./PSI	Max. Vol./GPM
RX1/1450A	1450	32
RX1/2900A	2900	32
RX1/4350A	4350	21
RX1/5800A	5800	21
RX1/7250A	7250	21

Port Sizes:	Inlet	3/4" NPT-F
	By-pass	3/4" NPT-F

Weight	11 lbs.
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Material:	Upper Valve Body	OT58 Brass
	Lower Valve Body	AISI 316 s.s.
	Valve and Valve Seat	AISI 316 S.S. with Stellite

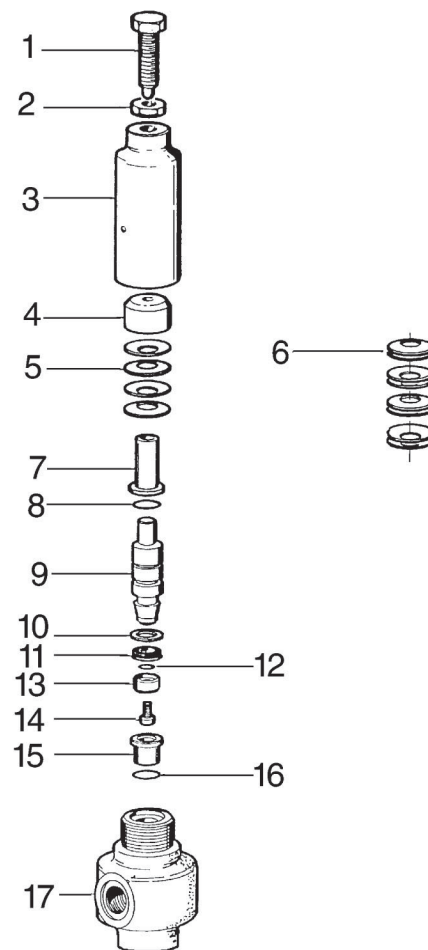
For use with Pump Models:

EKLZ, EKLN, HDN, KLZ, KLN, KLA

PARTS LIST

Pos.	Part Number	Description	Qty.
1.	F003200010	Screw, Pressure Adjusting	1
2.	F872001608	Nut, Lock (RX1/ 1450A, 2900A, 4350A)	1
	F872000608	Nut, Lock (RX1/ 5800A, 7250A)	1
3.	F062300060	Cover, Spring	1
4.	F030200000	Spacer, Spring	1
5.	F872110426	Spring, Disc, .803 x 1.574 x .059 (RX1/1450A)	15
	F872110427	Spring, Disc, .803 x 1.574 x .079 (RX1/2900A)	13
	F872110428	Spring, Disc, .803 x 1.574 x .098 (RX1/4350A)	11
6.	F872110427	Spring, Disc, .803 x 1.574 x .039 (RX1/ 5800A, 7250A)	16
7.	F021200100	Support, Spring, SS AISI 420	1
8.	F881010111	O-Ring, .812 x .103, Buna-N	1
9.	F074200010	Piston, SS AISI 316	1
10.	F010500000	Ring, Back-up, Teflon	1
11.	F881030008	Packing, 18mm, Buna-N	1
12.	F881010006	O-Ring, .551 x .070, Buna-N	1
13.	F083200180	Piston, Ball (RX1/ 1450A, 2900A, 4350A, 5800A), SS AISI 316	1
	F083200300	Piston, Ball (RX1/7250A), SS AISI 316	1
14.	F871115603	Screw, Cap, Socket Head, M6 x 16, SST	1
15.	F081200150	Seat, Valve	1
16.	F881010112	O-Ring, .862 x .103, Buna-N	1
17.	F060200000A	Body, Valve, NPT	1

Positions Included	N. PCS.	RX1/ 1450A, 2900A 4350A, 5800A	RX1/7250A
8, 10, 11, 12, 13, 14, 15, 16	1	F1235	F1236



INSTALLATION

The RX1 valve should be mounted on the pressure line in any position (horizontal or vertical) which will allow easy access to the pressure adjusting screw. For proper operation the by-pass line internal diameter should be at least 0.75 inch at the narrowest point, and should not be connected directly to the pump inlet line (see below for correct installation).

