

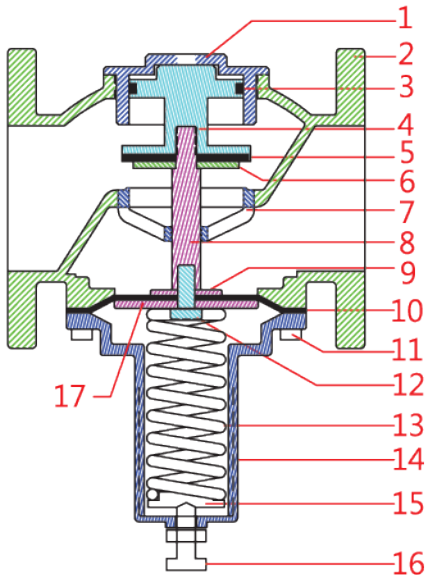
DIRECT-ACTIVATED PRESSURE REDUCING VALVE **SPAN**

Diaphragm Type (Ductile Iron / Flange End) **BS EN : 1567 : 2000**



- ▶ The gate is designed for opening status, which will not influence the water supply function under unstable inlet pressure condition.
- ▶ When the outlet pressure responds directly to the pressure control chamber and adjusts the setting pressure, it responds quickly and adjusts the pressure accurately.
- ▶ Pressure Adjusting Range : 1 ~ 5 bar
3 ~ 8 bar
- ▶ Valve Body Testing Pressure : 24 bar
- ▶ Maximum Applied Pressure : 16 bar
- ▶ Applied Temperature : -15 ~ 80°C

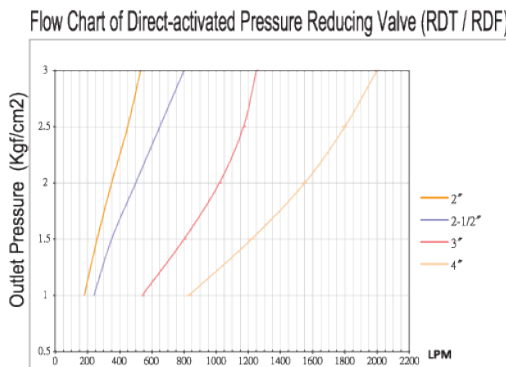
◎Special order is needed for other material and specification.



NO.	Part Name	Material
1	Upper Cover	Bronze
2	Body	Ductile Iron
3	U-ring	NBR
4	Piston	Bronze
5	Sealing Spacer	NBR
6	Sealing Washer	Brass
7	Shaft Guiding Seat	Bronze
8	Center Shaft	Brass
9	Diaphragm Washer	Stainless Steel
10	Diaphragm	EPDM
11	Fixed Bolt	Stainless Steel
12	Fixed Bolt	Stainless Steel
13	Spring	Spring Steel
14	Lower Cover	Ductile Iron
15	Washer	Brass
16	Adjusting Stem	Stainless Steel
17	Disk	SS/Cast Iron

* DN50 part 14's material will be polyamide

Flow Chart of Direct-activated Pressure Reducing Valve



Item No	Size	H(mm)	L(mm)	Weight(kg)	CV
RDF-50	2"	150	190	12	17.2
RDF-65	2.5"	165	210	17	27.5
RDF-80	3"	200	225	19	42.1
RDF-100	4"	220	250	24	66.7

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