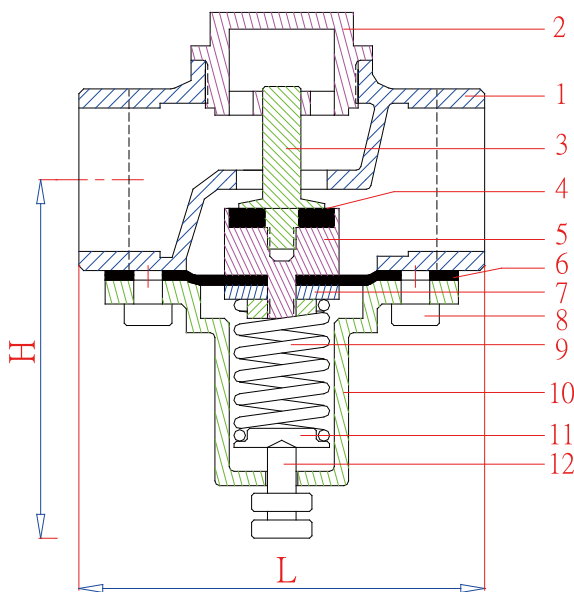




DIRECT-ACTIVATED PRESSURE RELIEF VALVE (Diaphragm Type)



- ▶ Pressure Relief Valve is a safety device for pipes and it is normally closed. When pressure increases to setting value, pressure relief valve rapidly releases the over high pressure. When pressure returns to safety value, pressure relief valve will automatically close to ensure the safety of equipment.
- ▶ Pressure Adjusting Range : 0.5 kgf/cm² ~ 10 kgf/cm²
7 kgf/cm² ~ 20 kgf/cm²
- ▶ Maximum Valve Body Testing Pressure : 30 kgf/cm²
- ▶ Maximum Applied Pressure : 20 kgf/cm²
(1 kgf/cm²=14.2 psi)
- ▶ Applied Temperature : -15~80°C
- ▶ Materials of valve body: Cast Iron, Ductile Iron, Bronze
- ◎Special order is needed for other material and specification.
- ◎Pressure gauge shows outlet pressure.



No	Item Name	Material		
1	Main Body	Cast Iron	Ductile Iron	Bronze
2	Cover	Bronze	Bronze	Bronze
3	Shaft	Brass	Brass	Brass
4	Sealing Spacer	NBR	NBR	NBR
5	Piston	Brass	Brass	Brass
6	Diaphragm	NBR	NBR	NBR
7	Washer	Electroplated Iron	Electroplated Iron	Electroplated Iron
8	Fixed Bolt	Electroplated Iron	Electroplated Iron	Electroplated Iron
9	Spring	Spring Steel	Spring Steel	Spring Steel
10	Lower Cover	Bronze	Bronze	Polyamide 66
11	Spring Positioner	Electroplated Iron	Electroplated Iron	Electroplated Iron
12	Adjusting Bolt	Stainless Steel	Stainless Steel	Stainless Steel

(Thread Type)

Item No	Size	H(mm)	L(mm)	Weight(kg)	CV
RKT-40	1.5"	110	110	2.5	19
RKT-50	2"	115	115	3	23
RKT-65	2.5"	165	215	9	73
RKT-80	3"	200	225	12	78

(Flange Type)

Item No	Size	H(mm)	L(mm)	Weight(kg)	CV
RKF-50	2"	150	190	12	23
RKF-65	2.5"	165	210	17	73
RKF-80	3"	200	225	19	78
RKF-100	4"	220	250	24	118
RKF-150	6"	260	310	44	245

Flow Chart of Direct-Activated Pressure Relief Valve

