

## HIGH FLOW TYPE DIRECT - ACTING PRESSURE REDUCING VALVE

No

Part Name

- ▶ The Model RDNT is designed to protect pipeline system or equipments from overload pressure, maintaining consistent and precise pressure to optimize system and equipments.
- ▶ Lower pressure loss with higher flow rate.
- ▶ Its capacity for high flow rates enables a broader range of applications.
- ▶ Specifically engineered to construct an integrated pressure reduction system.



**RDNT** 

► Pressure Adjusting Range : 1 ~ 3 kgf/cm²

 $(1 \text{ kgf/cm}^2 = 14.2 \text{ psi})$ 

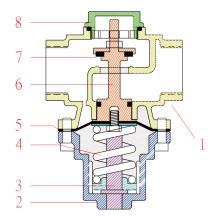
Material

► Applied Temperature :  $0 \sim 60$  °C

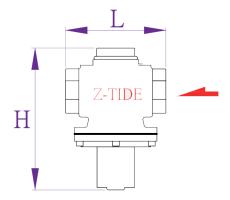
▶ Valve Body Testing Pressure : 24 kgf/cm<sup>2</sup>

► Maximum Applied Pressure : 16 kgf/cm<sup>2</sup>

- ► Special order can be arranged for stainless steel lower cover.
- ▶ It is advisable to fit a water hammer arrester upstream of the system.



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1	Main Body	Stainless Steel		
2	Lower Cover	Polyamide 66		
3	Adjusting Stem	Brass		
4	Spring	Stainless Steel		
5	Diaphragm	EPDM		
6	Shaft	Stainless Steel		
7	Sealing	NBR		
8	Upper Cover	Stainless Steel		



(Thread End)

Item No	Size	H(mm)	L(mm)	Weight(kg)	CV
RDNT-20	3/4"	100	70	0.9	4
RDNT-25	1"	110	80	1.3	7
RDNT-40	1.5"	140	110	1.6	13
RDNT-50	2"	145	115	2.9	18