



16	Hex Nut	STS304	
15	Stud Bolt	STS304	
14	Cap	S45C	
13	Spring Case	STPG	
12	Adjusting Screw	SCM21	
11	Top Spring Seat	S45C	
10	Main Spring	SUP11	
9	Cage Seal	NBR	
8	Seat Seal	NBR	
7	Stem Seal	NBR	
6	Piston Seal	NBR	
5	Disc Holder	STS304	
4	Disc	NBR	
3	Stem	STS304	
2	Cage & Seat	STS304	
1	Body	SCS13	
No	Name of Parts	Material	Remarks

**BILL OF MATERIAL**

**SPECIFICATIONS**

Applicable Fluid	N2 Gas
Design Pressure	Max. 40kg/cm <sup>2</sup> G
Applicable Temperature	Max. 80℃
Inlet Pressure	30~40kg/cm <sup>2</sup> g
Outlet Set Pressure	3~12 kg/cm <sup>2</sup> g
Connection	KS 40K RF Flanged

**EXTERNAL DIMENSIONS**

Size	L	H	d	D	C	t	g	n-h	Cv
50A	274	402	50	165	130	26	105	8-19	20
80A	326	518	80	210	170	32	140	8-23	45
100A	388	582	100	250	205	36	165	8-25	80
150A	498	672	150	355	295	44	240	12-33	144

**FOR INFORMATION**

ITEM	PRESSURE REDUCING VALVE		
MODEL	PRV-40F	DWG No	PRV-40F-02
SIZE	50-150A	DATE	2022.6.11



Better savings  
Better efficiency