

# VP -720 . 730 . 740

## Diaphragm Valve (UPVC, PVDF, PP Body)

Size: 1/2" to 6"

End Type: Flanged

- Completely corrosion resistant because of glandless construction.
- Smooth and exact operation because of non-corrosion and soft touch, and with clear indication of opening degree.
- Lower maintenance cost, because diaphragms are replaceable and have long life.
- Over tightening can be prevented by adjustable stopper.
- Suggestion: For usage in the corrosive environment, please adopt stem & sleeve type SUS 304 or SUS 316.

Diaphragm Valve	Body	Bonnet	Diaphragm	Bolt
VP-720	UPVC	UPVC	EPDM	SUS 304 bolts
VP-722	UPVC	UPVC	EPDM	Zinc-Plated bolts
VP-723	UPVC	UPVC	FPM	SUS 304 bolts
VP-725	UPVC	UPVC	FPM	Zinc-Plated bolts
VP-726	UPVC	UPVC	PTFE	SUS 304 bolts
VP-730	PVDF	PP+GF/PVDF	EPDM	SUS 304 bolts
VP-733	PVDF	PP+GF/PVDF	FPM	SUS 304 bolts
VP-736	PVDF	PP+GF/PVDF	PTFE	SUS 304 bolts
VP-740	PP	PP	EPDM	SUS 304 bolts
VP-742	PP	PP	EPDM	Zinc-Plated bolts
VP-743	PP	PP	FPM	SUS 304 bolts
VP-746	PP	PP	PTFE	SUS 304 bolts

CV [ GPM / (1 lbf/in <sup>2</sup> ) <sup>1/2</sup> ]	
OPENING RATE : 100°	
SIZE	CV
1/2"	3.27
3/4"	5.29
1"	8.87
1-1/2"	31.09
2"	43.15
2-1/2"	90.68
3"	116.79
4"	186.78
6"	345.26



Nom.	SIZE	15mm	20mm	25mm	40mm	50mm	65mm	80mm	100mm	150mm	
		(1/2")	(3/4")	(1")	(1-1/2")	(2")	(2-1/2")	(3")	(4")	(6")	
D1	JIS	95	100	125	140	155	175	185	210	280	
	ANSI	89	98	108	127	152	178	191	229.1	278.9	
	DIN	95	105	115	150	165	185	200	220	285	
D2		54x70	63x78	63x88	125	148	182	203	255	385	
D3		95	95	110	150	150	210	210	250	410	
D4	JIS	70	75	90	105	120	140	150	175	240	
	ANSI	60.5	70.1	79.5	98.5	120.4	139.5	152.4	190.5	241.5	
	DIN	65	75	85	110	125	145	160	180	240	
d		13	18	25	41	52	67	78	100	148	
H1		85	94	98	130	148	189	250	275	334	
H2		126	137	144	220	225	270	343	383	476	
L	JIS	110	120	130	180	210	250	280	340	480	
	ANSI	108	150	130, 150	176	202	250	264	329	480	
	DIN	130	150	160	200	230	290	310	350	480	
I		10	12	15	22	31	39	48	60	70	
n-øe	JIS	4-15	4-15	4-19	4-19	4-19	4-19	8-19	8-19	8-23	
	ANSI	4-16	4-16	4-16	4-16	4-19	4-19	4-19	8-19	8-22	
	DIN	4-14	4-14	4-14	4-18	4-18	4-18	8-18	8-18	8-23	
T	JIS	PVC, CPVC	12	13	13	16	20	22	22	22	24
		PP, PVDF	12	13	13	16	20	23	23	24	27
	ANSI	PVC, CPVC	13	15	13, 17	17	17	20	20	22	24
		PP, PVDF	13	15	13, 18	18	18	21	21	24	27
	DIN	PVC, CPVC	20	20	20	20	22	22	24	24	24
		PP, PVDF	20	20	20	20	22	22	24	26	27

Nom.	PART	MATERIAL	QTY
1	BODY	PVC, PP, PVDF	1
2	BONNET	PVC, PP, PP+GF	1
3	COMPRESSOR	AC4A	1
4	HANDWHEEL	ABS	1
5	SLEEVE	C3602	1
6	STEM	C3602	1
7	DIAPHRAGM	EPDM, FPM, PTFE	1
8	CAP	PVC, PP, PVDF	1
9	COMPRESSOR PIN	SUS 304	1
10	INSERTED METAL	C3604, SUS 304	1
11	GREASE NIPPLE	C3604 (65 - 150)	1
12	BOLT & WASHER	150 .....	12 SET
13	INSERTED NUT	65-125 .....	8 SET
14	NUT & WASHER	25-50 .....	6 SET
15	THRUST BEARING	STANDARD (100 - 150)	1
16	STOPPER	SUS 304	1
17	SET NUT	SUS 304	1
18	GAUGE COVER	AS	1
19	SHEET GASKET	EPDM	1
20	SHEET RING	SUS 304	1
21	SPRING WASHER	SUP	1
22	*O*-RING	NBR	1
23	NAME PLATE	PVC	1

