

PRESSURE REDUCING VALVE DMV 755 - DMV 765



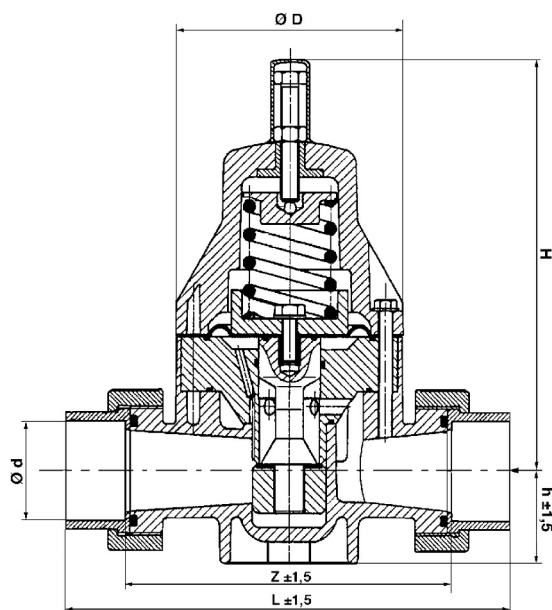
- For constant downstream pressure
- Valve body PVC, PPH or PVDF
- Diaphragm preformed PTFE
- Seals FPM
- Aggressive and ultra-straight fluid
- DMV 755 - DN 10 up to DN 50
- DMV 765 - DN 10 up to 50

FUNCTIONING

Directly controlled by the operating fluid the DMV 755 - 765 reduces the primary pressure and keeps the operating pressure constant. The DMV 755 - 765 is in working condition always open which means it is balanced between primary and secondary pressure. At any rise of working pressure - valve outlet - a pressure compensation takes place at the area below the diaphragm (control bore). the higher working pressure activates the large diaphragm and lifts the piston against the spring force. The flow reduce and the working pressure drops down until balanced condition is reached again. When the working pressure drops the described procedure reverses. The spring force opens the valve seat against the lower pressure force below the diaphragm. The flow rise until the balanced condition is reached again.

MATERIAL

- Valve body : PVC-PPH-PVDF
- Diaphragm : EPDM coated PTFE
- Seals : FPM-EPDM (FPM on request)
- Connection : DMV 755 - DN 10 up to DN 50
DMV 765 - DN 10 up to DN 50
Union tread acc.DIN 8063
- Opening pressure : 10 bars max (20°C)
- Closing pressure : DMV 755 - 1,0 up to 9 bars (20°C)
DMV 765 - 0,5 up to 9 bars (20°C)
- Hysteresis : Approx. 0,1 up to 0,4 bar
- Temperature : PVC: - 20 ... + 50° C
PPH: +10 ... + 70° C
PVDF: - 40 ... + 100° C.



DIMENSIONS (mm)								DMV 755			DMV 765					
Ød	DN	L			Z		h	ØD	H	Weight (Kg)			H	Weight (Kg)		
		PVC	PP	PVDF	PVC(PP)	PVDF				PVC	PP	PVDF		PVC	PP	PVDF
16	10	154	155	154	126	128	25	81	172	0,80	0,67	1,02	207	0,98	0,82	1,20
20	15	158	154	156	126	128	25	81	172	0,85	0,72	1,07	207	1,00	0,84	1,24
25	20	195	188	189	157	157	38	107	202	1,86	1,57	2,11	244	2,20	1,90	2,45
32	25	201	192	193	157	157	38	107	202	1,90	1,61	2,15	244	2,25	1,95	2,52
40	32	263	251	250	211	210	58	147	262	5,00	4,10	5,45	341	6,00	5,20	6,45
50	40	273	257	256	211	210	58	147	262	5,10	4,18	5,55	341	6,21	5,41	6,66
63	50	287	265	264	211	210	58	147	262	5,20	4,28	5,65	341	6,40	5,60	6,87

BAMO MESURES

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PRESSURE
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DMV 755 - DMV 765

31/07/2002

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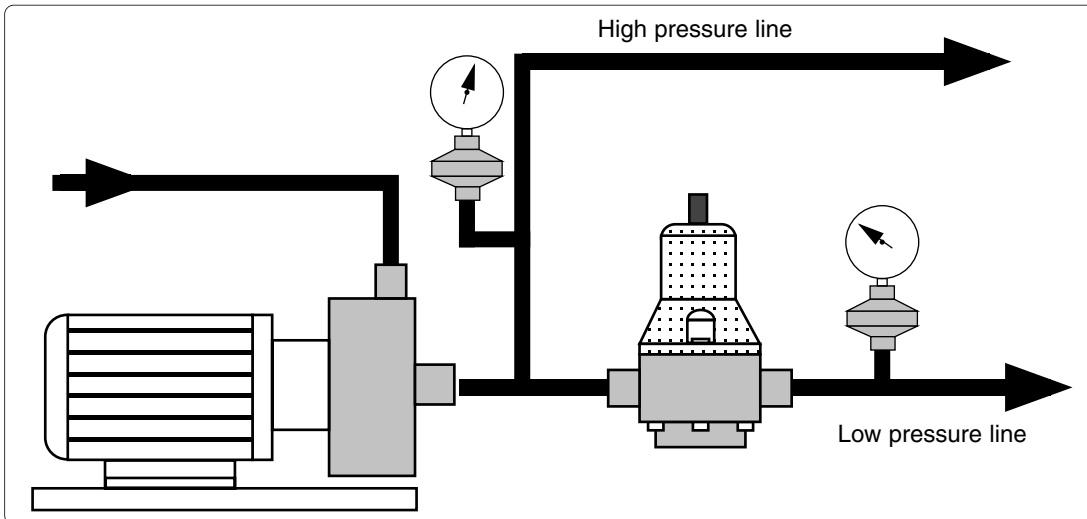
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CODE AND REFERENCE

DMV 755 (Seals EPDM)				DMV 765 (Seals EPDM)		
DN	PVC	PP	PVDF	PVC	PP	PVDF
10	P119 300	P119 314	P119 328	P119 342	P119 356	P119 370
15	P119 301	P119 315	P119 329	P119 343	P119 357	P119 371
20	P119 302	P119 316	P119 330	P119 344	P119 358	P119 372
25	P119 303	P119 317	P119 331	P119 345	P119 359	P119 373
32	P119 304	P119 318	P119 332	P119 346	P119 360	P119 374
40	P119 305	P119 319	P119 333	P119 347	P119 361	P119 375
50	P119 306	P119 320	P119 334	P119 348	P119 362	P119 376

DMV 755 (Seals FPM)				DMV 765 (Seals FPM)		
DN	PVC	PP	PVDF	PVC	PP	PVDF
10	P119 307	P119 321	P119 335	P119 349	P119 363	P119 377
15	P119 308	P119 322	P119 336	P119 350	P119 364	P119 378
20	P119 309	P119 323	P119 337	P119 351	P119 365	P119 379
25	P119 310	P119 324	P119 338	P119 352	P119 366	P119 380
32	P119 311	P119 325	P119 339	P119 353	P119 367	P119 381
40	P119 312	P119 326	P119 340	P119 354	P119 368	P119 382
50	P119 313	P119 327	P119 341	P119 355	P119 369	P119 383



INSTALLATION DMV 755 OR DMV 765

FLOW RATE

DN	Max L/h
DN 10	900
DN 15	2 000
DN 20	3 500
DN 25	5 500
DN 32	8 000
DN 40	12 000
DN 50	16 000

Attention:

For plastic devices, maximum speed admissible before deterioration is 3 m/s, but it is possible to overrun that during a short-lived. For knowledge pressure movements, it is advised to place DIAPHRAGM PRESSURE GAUGE GUARD, upstream side downstream device.

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