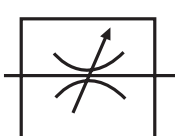


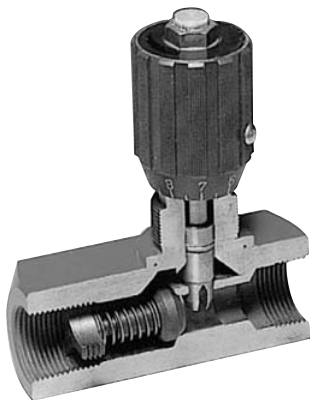
# Flow Control & Needle Valves

Inline needle valves with micrometer scale Carbon steel, Nitrile seals  
 Temperature range: -20°C to +100°C

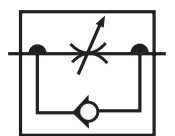


**DV Series**  
 DOUBLE ACTING  
 FLOW CONTROL &  
 SHUT-OFF

BSP	BAR	LPM Max	Price		Bursting Pressure: 4 times W.P.
			BSP	NPT	
1/8"	350	10	30.40	35.00	 SHUT OFF VALVES
1/4"	350	50	19.27	27.68	
3/8"	350	75	22.82	38.54	
1/2"	350	140	28.80	39.71	
3/4"	350	175	41.87	43.22	
1"	350	350	90.73	95.27	
1 1/4"	350	350	113.98	116.80	
1 1/2"	350	350	139.00	141.33	


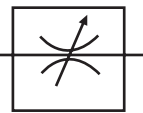

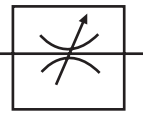

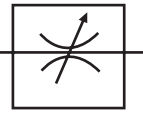

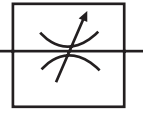




**DRV Series**  
 SINGLE ACTING,  
 FLOW CONTROL, FREE  
 REVERSE FLOW

1/8"	350	10	37.00	56.00	 SPEED CONTROL VALVES
1/4"	350	50	23.27	37.38	
3/8"	350	75	28.80	30.37	
1/2"	350	140	33.78	46.72	
3/4"	350	175	53.17	56.06	
1"	350	350	107.45	123.00	
1 1/4"	350	350	130.82	144.83	
1 1/2"	350	350	177.54	186.42	
2"	350	350	245.28	303.68	


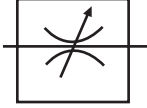

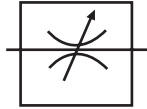

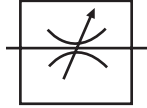

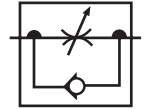

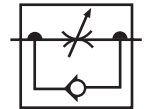

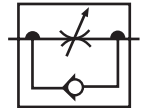

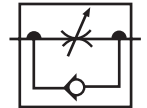
# Flow Control & Needle Valves

Inline needle valves with micrometer scale Carbon steel, Nitrile seals  
 Temperature range: -20°C to +100°C

 <b>FT 257/1</b> Shut-off isolation ABS 'MP' handwheel	BSP	BAR	LPM Max	Price	Bursting Pressure: 4 times W.P.   SHUT OFF VALVES
	1/8"	400	5	29.91	
1/4"	400	15	27.70		
3/8"	400	50	33.23		
1/2"	400	60	42.09		
3/4"	400	90	67.58		
1"	320	200	120.74		
1 1/4"	320	220	165.05		
1 1/2"	320	220	192.74		
2"	320	220	336.69		
 <b>FT 258/1</b> Shut-off isolation ABS 'MP' handwheel	1/4"	400	15	42.09	 SHUT OFF VALVES
3/8"	400	50	50.95		
1/2"	400	60	65.36		
3/4"	400	90	150.29		
 <b>FT 257/2</b> Flow control & shut-off Aluminium 'MA' knob	1/8"	400	5	29.91	 SHUT OFF VALVES
1/4"	400	15	27.70		
3/8"	400	50	33.23		
1/2"	400	60	42.09		
3/4"	400	90	67.58		
1"	320	200	120.74		
1 1/4"	320	220	165.05		
1 1/2"	320	220	192.69		
2"	320	220	336.69		
 <b>FT 258/2</b> Flow control & shut-off Aluminium 'MA' knob	1/4"	400	15	42.09	 SHUT OFF VALVES
3/8"	400	50	50.95		
1/2"	400	60	65.36		
3/4"	400	90	150.29		
 <b>FT 257/5</b> Single acting flow control Aluminium 'MA' knob	1/8"	400	5	36.00	 SPEED CONTROL VALVES
1/4"	400	15	30.24		
3/8"	400	50	34.90		
1/2"	400	60	44.31		
3/4"	400	90	72.11		
1"	320	200	146.22		
1 1/4"	320	220	182.78		
1 1/2"	320	220	213.45		
2"	320	220	407.75		








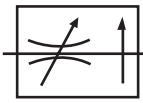

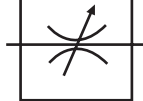

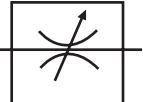
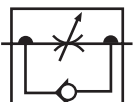
# Flow Control & Needle Valves

Inline needle valves with micrometer scale Nickel Plated Brass, Nitrile seals  
 Temperature range: -20°C to +100°C

	BSP	BAR	LPM	Price		
<b>FT 1237/2</b> Fine flow control 	1/8"	210	0-3 Fine Control	25.12		 SHUT OFF VALVES
<b>FT 1251/2</b> Flow control & shut off 	1/8" 1/4" 3/8" 1/2" 3/4"	210 210 210 210 210	10 20 30 60 80	15.59 14.43 18.03 25.12 47.92	Stainless Steel	 SHUT OFF VALVES
<b>FT 1252/2</b> Fine flow control & shut off 	1/8" 1/4" 3/8" 1/2"	210 210 210 210	10 20 30 60	21.51 22.80 26.40 37.11		 SHUT OFF VALVES
<b>FT 1237/5</b> Fine flow control 	1/8"	210	0-3 Fine Control	27.56		 SPEED CONTROL VALVES
<b>FT 1251/5</b> Single acting flow control 	1/4" 3/8" 1/2" 3/4"	210 210 210 210	20 30 60 80	21.51 25.12 34.67 52.68		 SPEED CONTROL VALVES
<b>FT 1253/5</b> Single acting flow control 	1/8" 1/4" 3/8" 1/2" 3/4"	210 210 210 210 210	10 20 30 60 80	25.16 24.00 31.17 35.93 57.55		 SPEED CONTROL VALVES
<b>FT 1254/5</b> Single acting flow control 	1/8" 1/4" 3/8" 1/2"	210 210 210 210	10 20 30 60	31.17 31.17 37.05 55.22		 SPEED CONTROL VALVES


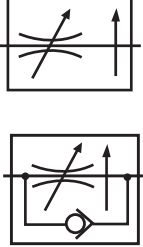

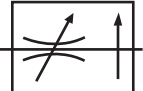

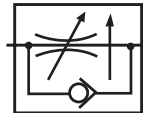

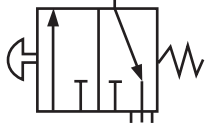

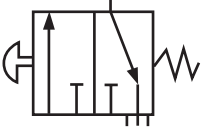
# Flow Control & Needle Valves

Cartridge needle valves with micrometer scale Carbon steel, Nitrile seals  
 Temperature range: -20°C to +100°C

		BSP	BAR	LPM	Price		
 <p><b>FT 267/1</b> Shut-off isolation</p> <p><b>FT 267/2</b></p>		1/8"	320	15	34.95	 <p>SHUT OFF VALVES</p>	
		1/4"	320	15	29.08		
		3/8"	320	30	33.73		
		1/2"	320	50	44.20		
		3/4"	320	80	69.79		
		1"	320	200	79.00		
 <p><b>FT 267/5</b> Single acting flow control</p>		1/8"	320	15	POA	 <p>SPEED CONTROL VALVES</p>	
		1/4"	320	15	59.32		
		3/8"	320	30	69.00		
		1/2"	320	50	84.91		
		3/4"	320	80	106.02		
		1"	320	200	191.06		
 <p><b>FT 267/6</b> Single acting flow control</p>		1/4"	320	15	31.41		
		3/8"	320	30	33.73		
		1/2"	320	50	38.45		
 <p><b>FT 287/2</b> Flow control &amp; shut-off Pressure compensated</p>		1/4"	210	15	79.22		
		3/8"	210	30	90.87		
		1/2"	210	55	115.15		
		3/4"	210	90	160.77		
 <p><b>FT 1247/2</b> <b>Brass</b> Fine flow control</p>		1/8"	210	0-2 Fine Control	26.80	 <p>SHUT OFF VALVES</p>	
 <p><b>Barrel Type</b></p>		1/4"	350	25	22.15	<p><b>FRFC</b></p> 	
		3/8"	350	40	23.27		
		1/2"	350	60	27.70		
		3/4"	350	80	35.45		
		1"	350	110	46.52		
		1/4"	350	16	17.72	<p><b>FRSA</b></p> 	
		3/8"	350	25	18.84		
		1/2"	350	50	21.05		
		3/4"	350	80	37.66		
		1"	350	110	48.74		










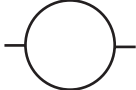

# Flow Control & Needle Valves

Inline needle valves with micrometer scale Nitrile seals  
 Temperature range: -20°C to +70°C

	BSP	BAR	LPM	Price	
 <p><b>PRESSURE COMPENSATED FT 270/2</b> Flow control &amp; shut-off <b>FT 270/5</b> Single acting flow control</p>					
	1/4"	210	12	87.51	
	3/8"	210	25	95.26	
	1/2"	210	50	125.44	
	3/4"	210	80	162.84	
1"	210	135	496.16		
 <p><b>PRESSURE COMPENSATED FT 277/2</b></p>	1/4"	320	15	110.77	
	3/8"	320	30	126.28	
	1/2"	320	55	163.94	
	3/4"	320	75	230.40	
 <p><b>PRESSURE COMPENSATED FT 277/5</b> Single acting flow control</p>	1/4"	320	15	131.30	
	3/8"	320	30	148.20	
	1/2"	320	55	204.93	
	3/4"	320	75	257.40	
 <p><b>FT 292-14</b> Push button gauge isolator</p>	1/4"	400		30.24	
 <p><b>FT 293</b> Push button gauge isolator (manifold mounted)</p>	1/4"	400		80.00	

# Flow Control & Needle Valves

Pressure gauge adaptors  
Carbon steel with Nitrile seals - 400 BAR

 <p><b>FT 290</b></p>	<p><b>In-line gauge isolator needle valve</b> Swivel gauge thread 1/4" BSPP/ Male thread 1/4" BSPT</p> <p>14 Carbon Steel 14 Stainless Steel 12 Carbon Steel</p>	<p>Price</p> <p>10.19 62.40 37.70</p>													
 <p><b>FT 290-01</b></p>	<p><b>In-line gauge isolator needle valve</b> Swivel gauge thread 1/4" BSPP/ Female thread 1/4" BSPP</p>	<p>15.06</p>													
 <p><b>FT 290-04</b></p>	<p><b>In-line gauge isolator needle valve</b> Swivel gauge thread 1/4" BSPP/ 6mm compression nut</p>	<p>19.94</p>													
 <p><b>FT 290-05</b></p>	<p><b>In-line gauge isolator needle valve</b> Swivel gauge thread 1/4" BSPP/ Swivel BSPP w/60° cone</p>	<p>19.94</p>													
<p><b>FT 299-88</b> <b>FT 299-44</b> <b>FT 299-42</b> <b>FT 299-24</b> <b>FT 299-22</b></p> 	<p><b>Pressure gauge swivel adaptors</b></p> <table border="1"> <thead> <tr> <th>Gauge Thread</th> <th>System Thread</th> </tr> </thead> <tbody> <tr> <td>1/8"</td> <td>1/8"</td> </tr> <tr> <td>1/4"</td> <td>1/4"</td> </tr> <tr> <td>1/4"</td> <td>1/2"</td> </tr> <tr> <td>1/2"</td> <td>1/4"</td> </tr> <tr> <td>1/2"</td> <td>1/2"</td> </tr> </tbody> </table>	Gauge Thread	System Thread	1/8"	1/8"	1/4"	1/4"	1/4"	1/2"	1/2"	1/4"	1/2"	1/2"	<p>5.43 3.43 4.54 7.20 9.08</p>	
Gauge Thread	System Thread														
1/8"	1/8"														
1/4"	1/4"														
1/4"	1/2"														
1/2"	1/4"														
1/2"	1/2"														
<p><b>FT 291-14</b> <b>FT 291-01-14</b> <b>FT 291-04-14</b> <b>FT 291-05-14</b></p> 	<p><b>Angle gauge isolator needle valves</b> Swivel gauge thread 1/4" BSPP one side, other side as described below:</p> <p>Male system thread BSPT Female system thread BSPP DIN 2353 compression system connection DIN 3861 swivel female connection 60° cone</p>	<p>10.19 15.06 19.94 19.94</p>	