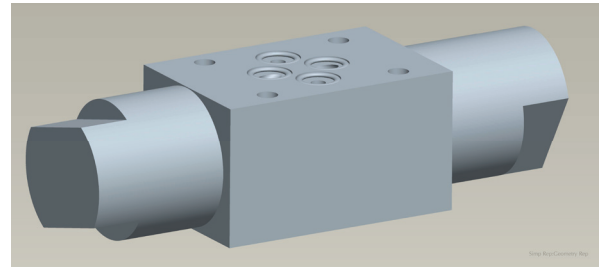


# Damcos™ DCFV-3

## Double Constant Flow Valve

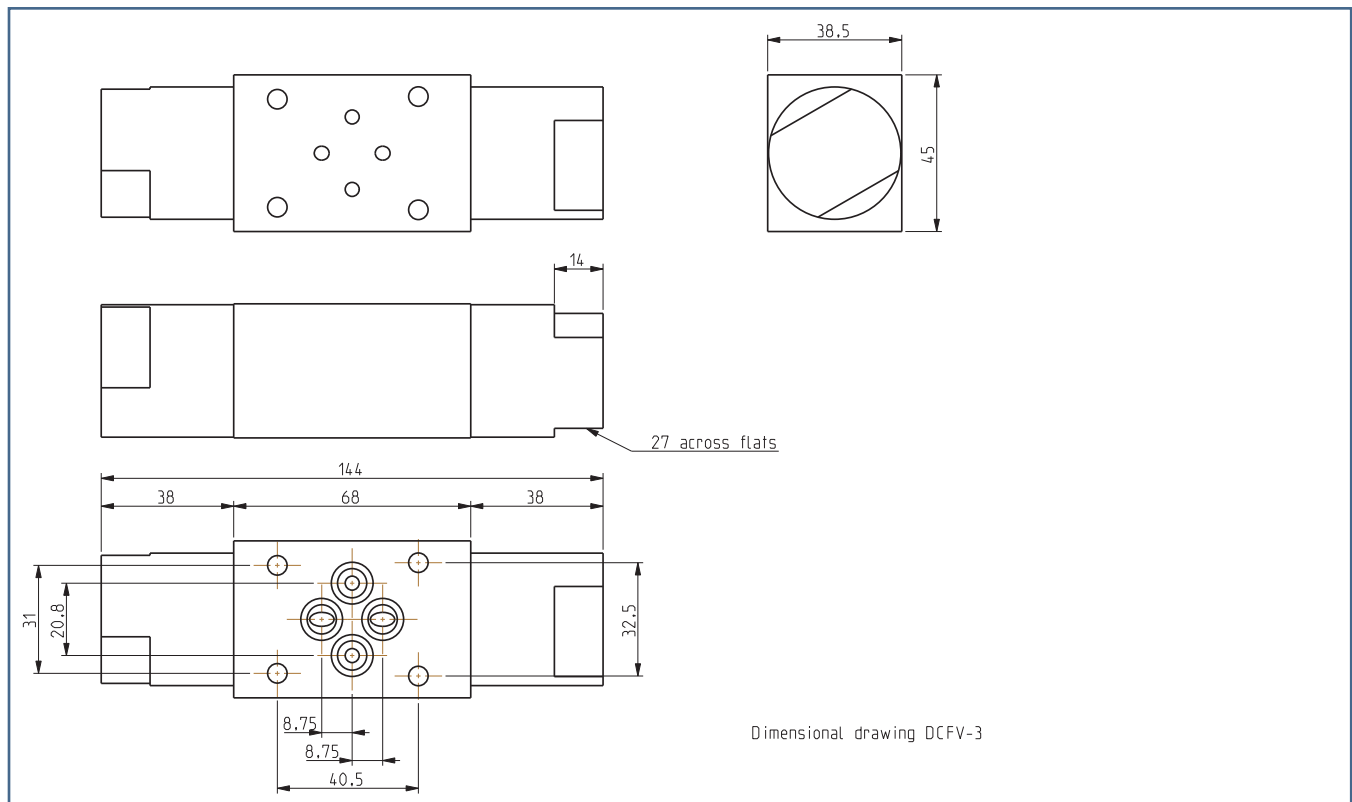
The DCFV-3 is a pressure and temperature compensated flow regulator that keep a constant operating speed of an actuator in both open and close direction. With the DCFV-3 a very slow speed can be obtained. In addition, flow becomes independent of viscosity, load and temperature in almost every case. For throttle size up to 0.6 the flow will increase with temperature, but for small throttle sizes the flow is independent of pressure as long as the working pressure is over 15 bar.

The throttle block has an NG6 connection.



Technical Data	
Maximum working pressure	135 bar
Maximum test pressure	225 bar
Weight	1.4 kg
Materials	Body of brass

### Main Dimensions

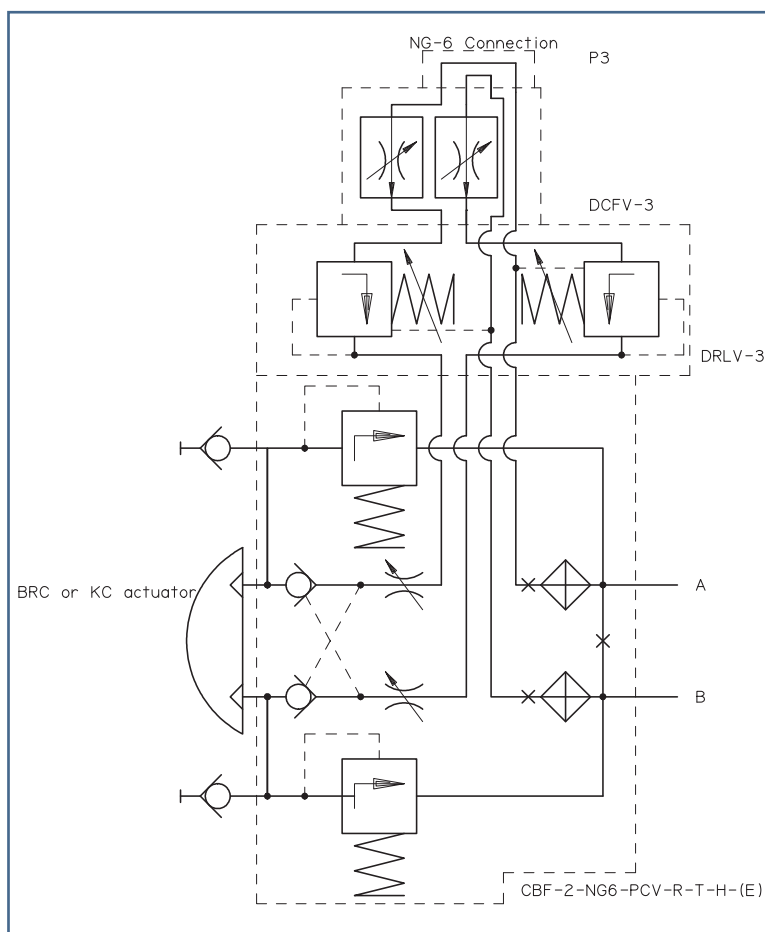


## Flow and ID nos. for DCFV-3

Flow and ID nos. for DCFV-3				
Flow (l/min)		Throttle size	Throttle ID	Block ID
min.	max.			
0.1	0.15	0.3	048E7781	160U1290
0.2	0.3	0.4	160U0630	160U1289
0.3	0.4	0.45	160U0660	160U1288
0.35	0.5	0.5	048E7791	160U1287
0.5	0.65	0.6	160U0629	160U1286
0.65	0.9	0.7	048E7801	160U1285
0.85	1.2	0.8	048E7811	160U1284
1.3	1.8	1.0	048E7861	160G5202
1.9	2.7	1.2	048E7871	160U1283
2.6	3.5	1.4	160U0754	160G5203
3	4	1.5	160U0604	160U1281
3.5	4.6	1.6	160U0662	160G5204

Values measured at 20°C using a 32 cSt olie.

## Application Example



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