



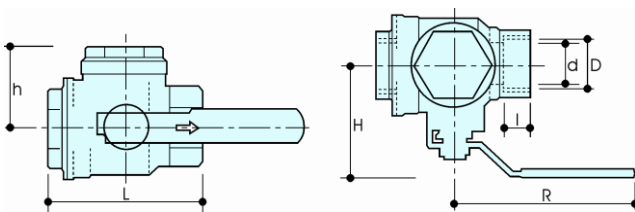
**DESCRIPTION**

**51F**

F x F ballvalve with integral filter type FM 28 easy to inspect and clean. Made of special non dezincifiable alloy with blue steel lever. Patent pending

According to EN 13828

**DIMENSIONS**



D"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
d	18	20	28.5	35.5	45	56
H	50	50	66	82	89	120
h	37	37	51	60	74	90
l	15	16	21.5	23.5	23.5	28
L	69	69	95	111	127	154
R	95	95	120	150	150	200
Acc.	2	2	3	4	4	5
Gr.	445	450	1160	1850	2800	5400

All threads are in accordance with ISO 7/1 or ISO 228

**MATERIALS**



- Body** CuZn36Pb2As Cw602N (DIN 50930 part.6)
- Ball** CuZn36Pb2As Cw602N (DIN 50930 part.6)  
Diamond polished and chrome plated.
- Spindle** CuZn36Pb2As Cw602N (DIN 50930 part.6)
- Stuffing box** CuZn39Pb3 Cw614N (DIN 50930 part.6)  
Adjustable.
- Nut** CuZn36Pb2As Cw602N (DIN 50930 part.6)
- Seats** PTFE
- O-rings** 2 x Viton®  
PTFE seal
- Lever** Galvanised steel.  
PVC grip with "Pad Printing"

**TAIL VARIANTS**

- 51F F X F, blue steel lever
- 51FP F x swivel connection, blue steel lever

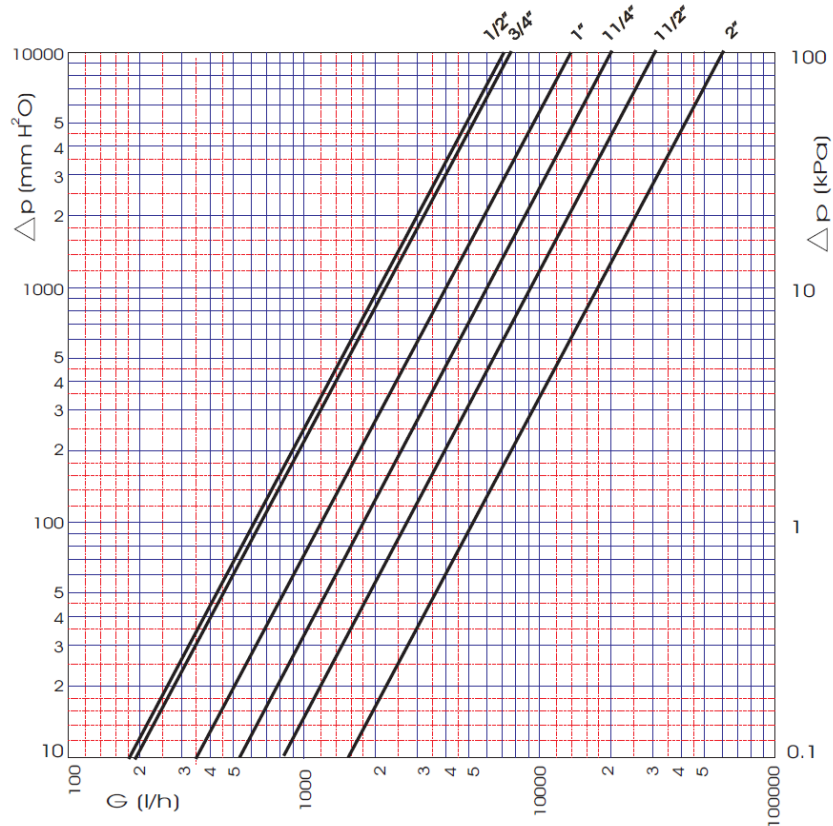
**HANDLE VARIANTS**

- 51F Blue steel lever
- 52F Blue butterfly handle
- 53F Gear handle

**APPROVALS**



**PRESSURE DROP DIAGRAM**



Dim.	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>Kv</b>	7.0	7.5	14.5	20	31	60
<b>PN</b>	25	25	25	16	16	16

Kv values have been calculated using a FM28 filter type

**RECOMMENDED WORKING TEMPERATURE/ PRESSURE LIMIT**

25 bar - 115°C - non shock

10 bar - 150°C - non shock

Max. differential pressure 10 bar – clean/inspect strain at least once per year.