



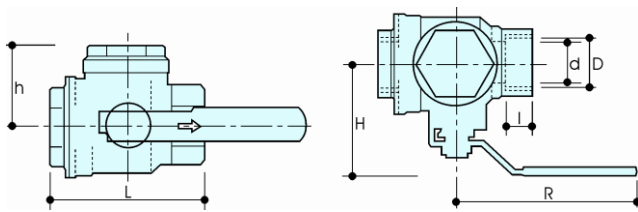
**DESCRIPTION**

**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**



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

**TAIL VARIANTS**

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

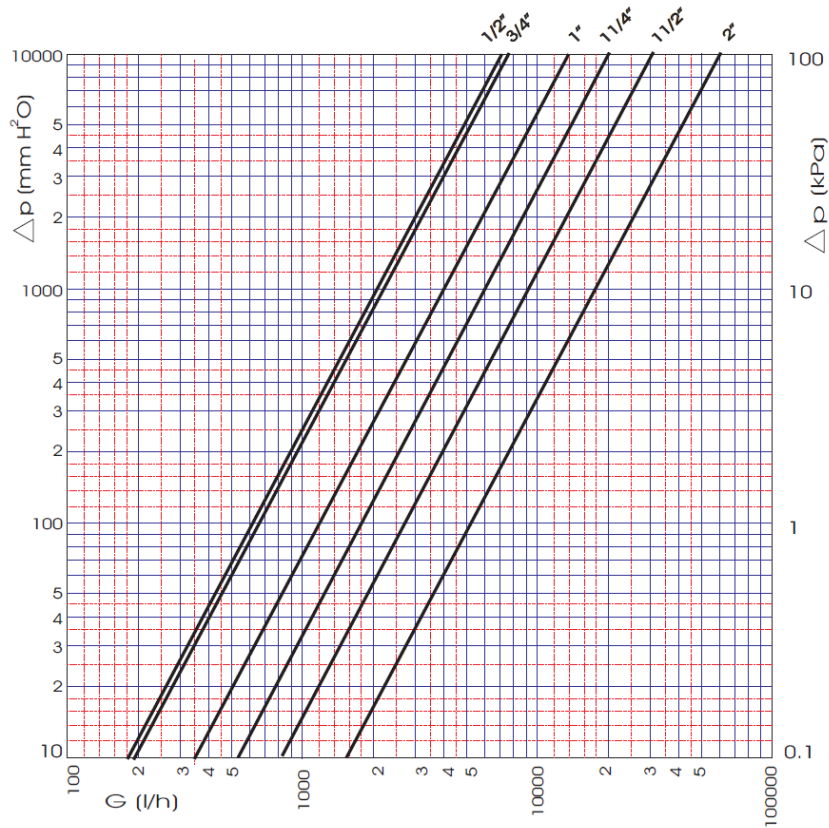
**HANDLE VARIANTS**

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.