SMALL VALVES

Model: Threaded check valve
Rubber swing check valve



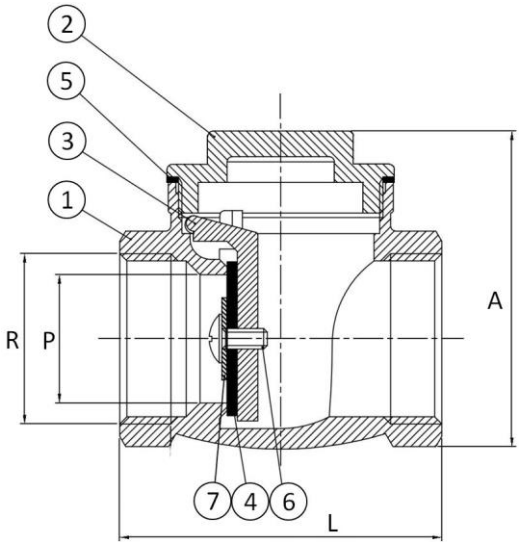
PRODUCT DESCRIPTION

The threaded rubber swing check valve can be used in system valves trims for fire protections systems and automatic pressure switch line of fire pump.

TECHNICAL DATA

Model	Threaded check valve
Dimensions	½" DN15, ¾" DN20, 1" DN25, 1 ¼" DN32, 1 ½" DN40, 2" DN50, 3" DN80 & 4" DN150
End connection	Inlet and outlet: Female thread GAS according to ISO 228/1 Optional: Female thread NPT
Assembly	Horizontal
Maximum working pressure	12 bar (175 psi) / 10 bar (145 psi) / 8 bar (116 psi)
Working temperature	-20ºC to 90ºC

CROSS SECTION



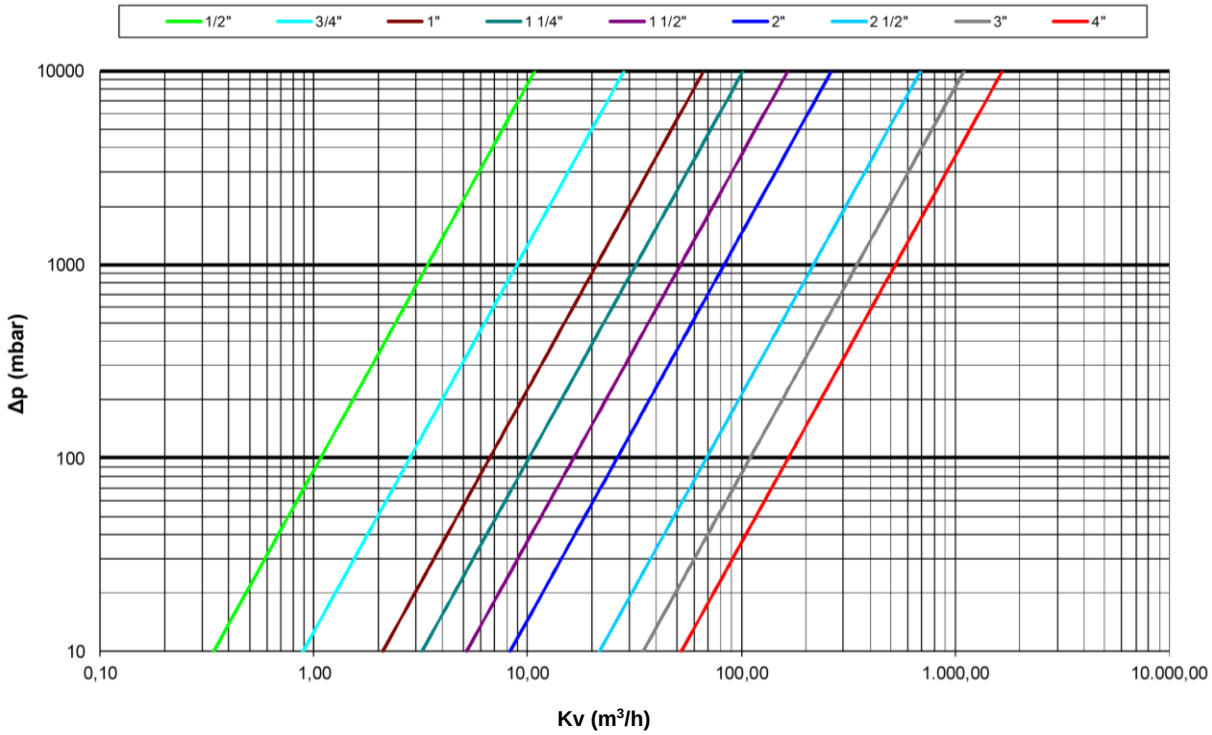
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ITEM	NAME	MATERIAL
1	Body	Brass
2	Bonnet	Brass
3	Disc	Brass
4	Disc gasket	Brass
5	Bonnet gasket	Fiber
6	Screw	Brass
7	Washer	Stainless steel

DIMENSIONS

SIZE	PN (bar)	DIMENSIONS (mm)			WEIGHT (g)
		P	A	L	
½"	12	15	52	49	170
¾"	12	20	63	58	230
1"	12	25	69	70	375
1 ¼"	10	30	87	80	460
1 ½"	10	35	97	88	700
2"	10	45	110	102	1060
2 ½"	8	57	110	115	1500
3"	8	60	132	134	2410
4"	8	90	163	163	3750

HEAD LOSS CHART

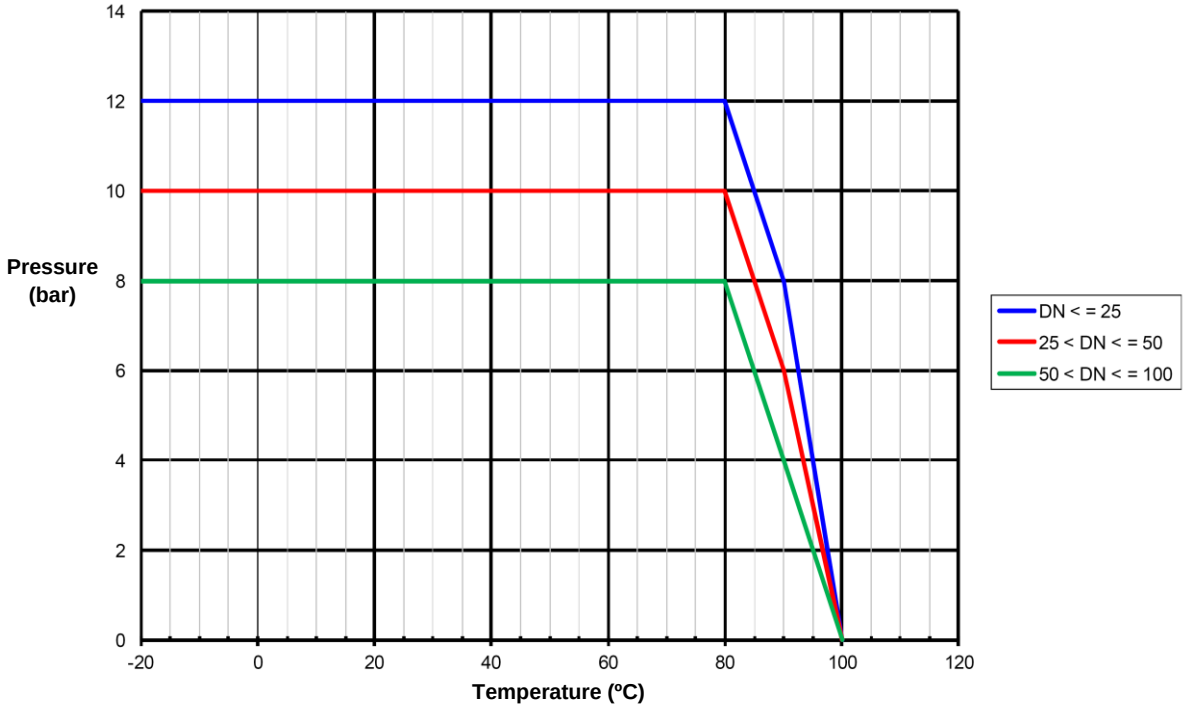


Kv = The flow rate of water in cubic meters per hour that will generate a pressure drop of 1 bar across the valve.

Size	1/2" DN15	3/4" DN20	1" DN25	1 1/4" DN32	1 1/2" DN40	2" DN50	3" DN80	4" DN100
Kv	3,4	8,9	21	32	52	83	348	525

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PRESSURE – TEMPERATURE RATING



ORDERING INFORMATION

SIZE	METRIC THREAD	NPT THREAD
¼" DN8	VRRO008	VRRO1008
½" DN15	VRRO015	VRRO1015
¾" DN20	VRRO020	VRRO1020
1" DN25	VRRO025	VRRO1025
1 ¼" DN32	VRRO032	VRRO1032
1 ½" DN40	VRRO040	VRRO1040
2" DN50	VRRO050	VRRO1050

Specify:

Model	
Quantity	
Size	
End connection	
Homologations	

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  - Basic
  - Extended Coverage
  - Storage
  - Dry
  - Accessories
- System Valves
  - Wet
  - Dry
  - Preaction Equipment
  - Accessories
- Spray System Open Nozzles
  - High Velocity Nozzles
  - Medium Velocity Nozzles
  - Window Nozzles
  - Hydroshield Nozzles
  - Mushroom Type Nozzles
- Foam equipment
  - Bladder Tanks
  - Proportioners for Bladder Tanks
  - Foam Discharge Equipment
  - Foam Concentrates
- Alarm Check Valves for Water Spray and Foam
  - Clapper Deluge Valves
  - Diaphragm Deluge Valves
- Monitors
  - Manual Monitors
  - Remote Monitors
  - Monitor Towers
  - Monitors Trolleys
- Valves
  - Butterfly Valves
  - Gate Valves
  - Check Valves
  - Pressure Control Valves
  - Test and Drain
  - Hose, Hydrant and Fire Connection Valves
  - Fire Department Connections

The equipment presented in this data sheet is to be installed in accordance with the latest published Standards of the national fire protection association (NFPA), FM Global, LPCB, VdS or other similar organizations, also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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