

NR-020 CHECK VALVE



Made of engineered plastic materials (8" made of a hard anodize coated aluminium), it can operate under highly corrosive conditions.

Spring loaded check valve, may be installed in any position.

Minimum head loss. As the flap rises, its arm shortens resulting in a reduced moment, causing a reduction in head loss.

Recommended for use in hot water and heating systems, irrigation systems in general and for the application of fertilizers through irrigation systems.

Wafer-type construction, mounted between flanges.

Working pressures: 0.2-16 bar (3-230 psi).

Available in 3" (80 mm) - 8" (200 mm)

Options

- NR-020 LS Check valve with an electric indicator Limit Switch
- NR-020 FV Check valve with Stainless Steel Strainer as a Foot Valve.

Ordering

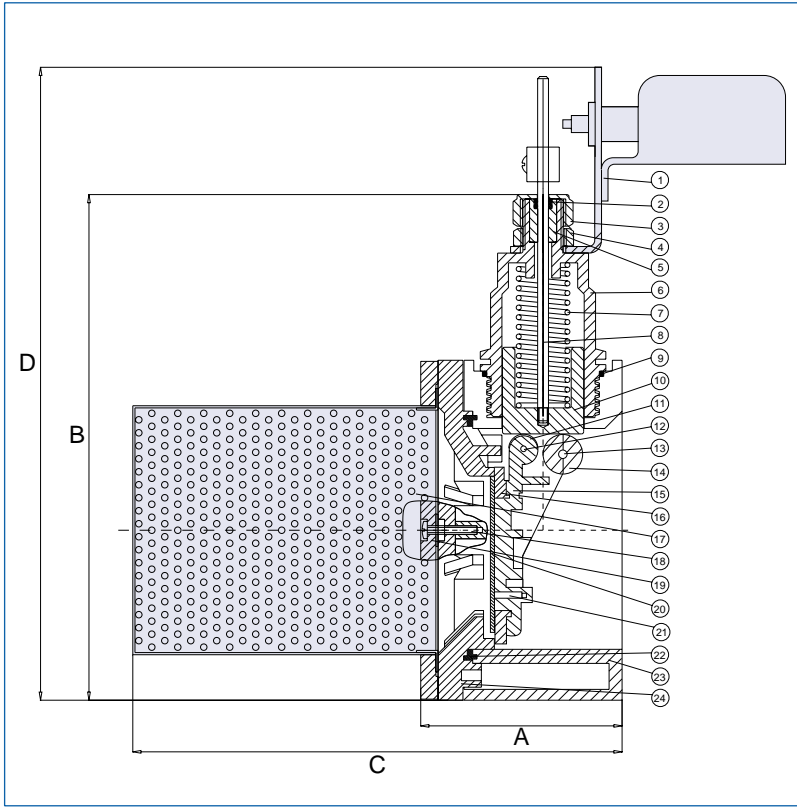
Upon ordering, please specify: model, size, working pressure and type of liquid.



A.R.I. Flow Control Accessories

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<http://arivalves.com>



* Blue in the drawing - Options.

PARTS LIST AND SPECIFICATION

No.	Part	Material
1.	Limit Switch	-
2.	O-Ring 3"-6"	E.P.D.M
	8"	BUNA-N
3.	Plastic Cover	Nylon 66
4.	Plastic Nut	Nylon 66
5.	Indicator Stem Bushing	Teflon
6.	Spring Chamber	Nylon 33%
7.	Spring	Stainless Steel SAE 302
8.	Position Indicator Stem	Stainless Steel SAE 316
9.	O-Ring	BUNA-N
10.	Spring Seat	Acetal
11.	Shaft Bushing	Stainless Steel SAE 303
12.	Flap Shaft	Stainless Steel SAE 316
13.	Roller Shaft	Stainless Steel SAE 316
14.	Roller	Acetal
15.	Flap 3"-6"	Nylon 6 50%
	8"	Alum. ASTM SG 70A
16.	Flap Seal	E.P.D.M
17.	Strainer	Stainless Steel SAE 303
18.	Bolt	Stainless Steel
19.	Strainer Cover	Nylon 6 50%
20.	Disc	Stainless Steel SAE 303
21.	Bolt	Stainless Steel
22.	Cover Seal	E.P.D.M
23.	Body 3"-6"	Nylon 6 50%
	8"	Alum. ASTM SG 70A
24.	Cover 3"-6"	Nylon 6 50%

DIMENSIONS AND WEIGHTS

Nominal Size	Dimensions - mm				Weight Kg.
	A	B	C	D	
80mm 3"					
NR-020	77	210	-	-	1.15
NR-020 LS	77	210	-	279	1.50
NR-020 FV	84	210	203	-	1.50
100mm 4"					
NR-020	85	220	-	-	1.60
NR-020 LS	85	220	-	289	2.00
NR-020 FV	93	220	226	-	2.00
150mm 6"					
NR-020	107	331	-	-	3.15
NR-020 LS	107	331	-	389	3.60
NR-020 FV	114	331	291	-	4.00
200mm 8"					
NR-020	127	353	-	-	6.50
NR-020 LS	127	353	-	440	6.90
NR-020 FV	134	353	335	-	7.20

HEAD LOSS CHART

