

PRODUCT DATA SHEET

Ramén type BAFR 435 - Y-type check valve



Ramén Valves
We know the flow



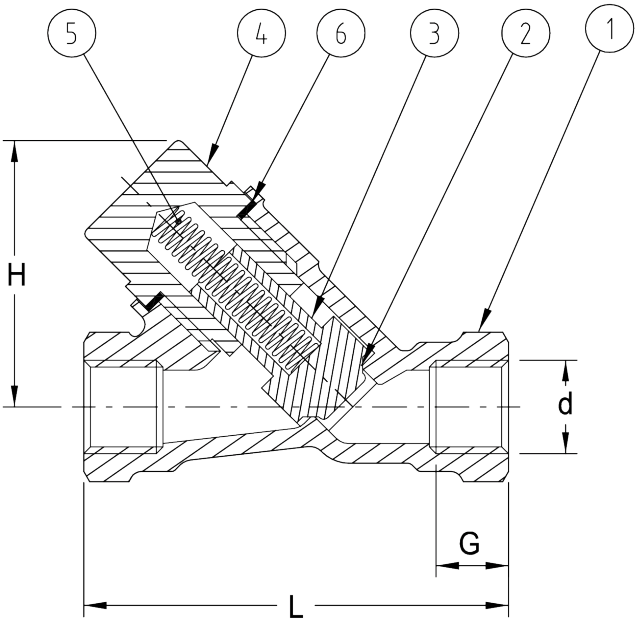
Ramén check valve type BAFR 435 is designed for quick shut-off with minimal differential pressure to prevent backflow of gases or liquids.

Robust soft or metal to metal seat offers the highest possible leakage class and minimum maintenance.

Ramén BAFR 435 check valve is available in Stainless Steel EN 1.4408 body in order to provide the best corrosion resistance and the longest lifetime.

BSPF threaded connections is standard for easy mounting in DN8 to DN25 (1/4" to 1").

Technical information	
Design	Y-Type Spring Loaded
Connection	Female: Threaded
Nominal sizes	DN8-DN25 (1/4"-1")
Material	EN 1.4408 (Stainless steel)
Nominal pressure	PN100
Leakage class	Rate A acc. to EN12266-1
Temperature range	-50°C to 200°C
Options	
Seat	Soft seated
Connection	Buttweld



Parts and material of construction				
Pos.	No.	Part	Material	
1+2	1	Body with integrated seat	EN 1.4408 (Stainless steel)	
3	1	Disc	EN 1.4404 (Stainless steel)	PTFE
4	1	Cap	EN 1.4404 (Stainless steel)	
5	1	Spring		
6	1	Seal	PTFE or Copper ⁽¹⁾	

⁽¹⁾High temperature (above 200°C) option

Ramén Y-type check valve

Dimensions								
Size DN	PN	d (inch)	G	L	H	Kv ⁽¹⁾ [m³/h]	Cv ⁽¹⁾ [gpm]	Weight [kg]
8	100	1/4	13	75	45	1,2	1,4	0,3
10		3/8	14	75	45	2,3	2,7	0,3
15		1/2	18	75	45	5,1	5,9	0,3
20		3/4	19	90	60	9,1	10,6	0,9
25		1	23	100	60	14	16,2	0,9

⁽¹⁾ For water: $\Delta P = (Q/Kv)^2$, with ΔP in bar and Q in m³/h. $Cv = Kv \cdot 1,16$

Ordering code type 435 - Y-type check valve

Code example EB435-1228-020

EB	Valve serie (3-5)	Material body/disc (6-7)		End connection (8-9)		Size (10-12)
EB	435	12	EN 1.4408 / EN 1. 4404	28	Female BSP thread	008
		x-12	EN 1.4408 / PTFE			010
						015
						020
						025



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