

SERIE 11  
11CROMAX

## Check valves, pressed stainless steel

Nominal diameter options (DN) 20-100

Nominal pressure options (PN) 16

Maximum working temperature (°C) Depends on the seal material



### FEATURES

- Manufacturing process: pressed stainless steel
- Valve body and metal parts: stainless steel, AISI304 or AISI316
- Working temperatures and seal materials:
  - NBR -25...+90 °C
  - FPM -20...+150°C
  - PTFE -20...+200°C (Silicon ring with teflon-FEP)
- Threaded ends: UNI ISO 228 female
- Opening pressure: min. 0,025 bar; max. 0,035 bar
- Nominal working pressure: 16 bar

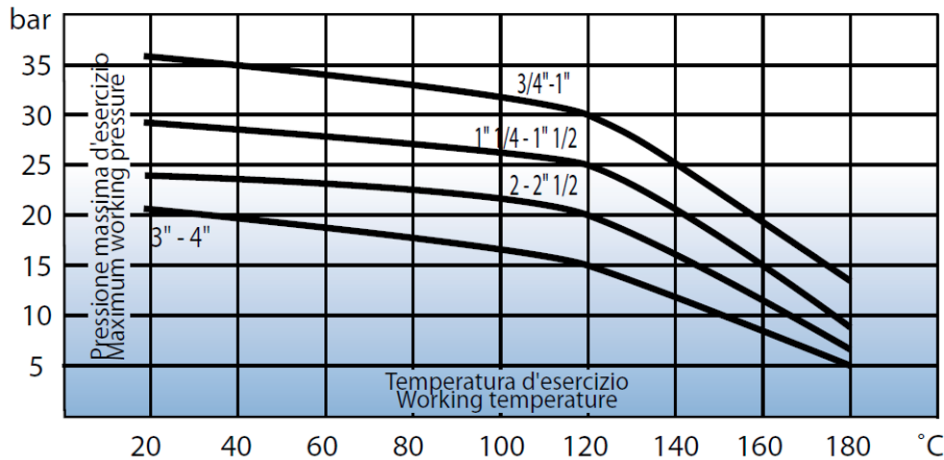
### DIMENSIONS

SIZE	DN	A	B	C	Weight in gr.
3/4"	20	29	70	44	129
1"	25	36	84	53	191
1" 1/4	32	45	99	62	281
1" 1/2	40	51	119	78	388
2"	50	64	123	89	704
2" 1/2	65	80	147	113	1425
3"	80	93	166	132	2085
4"	100	120	193	167	3415

## MATERIALS AND PARTS

Parts	Version AISI304	Version AISI316
1 Outlet end	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088
2 Valve body	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088
4 Guide bush	PTFE	PTFE
4 Flow control disc guide	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088
5 Inlet end	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088
6 Spring	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088
7 Flow control disc	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088
8 Seal ring housing	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088
9 Seal ring	NBR, FPM, PTFE*	FPM, PTFE*
10 Seal ring retainer	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088
11 Seal ring support	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088
12 Outlet side guide	1.4301 * 1.4304 EN 10088	1.4401 * 1.4404 * EN 10088

## PRESSURE-TEMPERATURE DIAGRAM



## ADDITIONAL PARTS

Suction screens for check valves

Threaded end: gas male UNI ISO228

Filtration: appr. 13 meshes (from 3/8" to 2")

appr. 8 meshes (from 2" 1/2 to 4")

