

# MATERIALS

FLANGED**	402/402S	402X	422	302*	302P
THREADED	202			102	102P

① casing	Cast iron A126 class B	Stainless steel	Cast iron A126 class B	Cast iron A126 class B	Cast iron A126 class B
② closing system	closing system: cast iron shaft (≤ 300mm)	Stainless steel	bronze	closing system: cast iron shaft: bronze(≤ 300mm)	closing system: cast iron shaft: bronze(≤ 300mm)
③ guide	Cast iron A126 class B	Stainless steel	bronze	Cast iron A126 class B	Cast iron A126 class B
④ Flat seal	NBR	Viton	NBR	NBR	NBR
⑤ Spring	Stainless steel	Stainless steel AISI302	Stainless steel AISI302	stainless steel AISI302	Stainless steel AISI302
⑥ Ring	50-100mm > 100mm	brass bronze	Stainless steel AISI304 brass bronze	flange: brass (50-100mm)bronze(> 100mm) thread: brass (< 4")	bronze (> 4")
⑦ Seat				Cast iron A126 class B	Cast iron A126 class B
⑧ plate strainer				galvanized steel	polyethylene

MAX.OPERATING PRESSURE	16	16	16	10	10
DRILLED FLANGES	PN10	PN10	PN10	PN10	PN10
TEMPERATURE	-10° → + 130°	150°	-10° → + 130°	-10° → + 130°	-10° → + 100°

\*402S PN25/40, please consult with us.

# DIMENSION

**CHECK VALVE**

Ref. 402	Ref. 402X	Ref. 422	A mm	B mm	C mm	D mm	Weight Kg
2281	*	*	40	150	80	85	4,2
2282	*	2679	50	165	97	100	5,8
2283	*	2680	65	185	125	120	8,1
2284	*	2681	80	200	150	140	10,2
2285	*	2682	100	220	187	170	14,5
2226	*	2683	125	250	220	200	24
2227	*	2684	150	285	260	230	32
2229	*	2685	200	340	340	289	53
2230	*	2686	250	405	420	354	94
2231	*	2687	300	460	490	396	140
2232	*	2688	350	520	586	473	225
2233	*	2689	400	597	680	560	312
2235	*	*	500	670	880	750	540

Ref. 202	A		B mm	C mm	Weight Kg 202
	Inch	mm			
2286	2 1/2"	65	97	148	3,2
2287	3"	80	125	174	5,8
2288	4"	100	150	203	9,2

**FOOT VALVE**

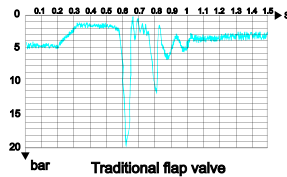
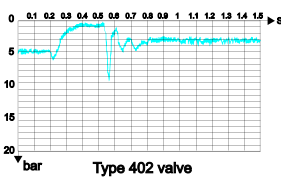
Ref. 302	Ref. 302P	A mm	Type 302				Type 302P E mm	Weight Kg Type 302
			B mm	C mm	E mm	E mm		
2754	2746	50	185	97	143	171	4,3	
2755	2747	65	185	125	185	212	6,4	
2756	2748	80	200	150	218	257	9,3	
2757	2749	100	220	181	265	312,5	13,6	
2701		125	254	217	333		19	
2702		150	285	256	373		28	
2703		200	343	336	483		48	
2704		250	406	416	572		90	
2705		300	482	486	652		133	
2706		350	533	580	771		228	
2707		400	597	676	876		343	

For sizes over 400 mm:consult us

Ref. 102	Ref. 102P	A		Type102			Type102P			102 Weight Kg
		mm	Inch	Bmm	Cmm	Dmm	Bmm	Cmm	Dmm	
2766	2758	60/70	2 1/4"	97	167	123	97	195	123	3,1
2767	2759	66/76	2 1/2"	97	167	124	97	195	124	3,1
2768	2760	80/90	3"	125	212	152	125	241	152	5,2
2769	2761	102/114	4"	150	251	180	150	290	180	8,3
1162		125	5"	188	345	230				14,7
1163		150	6"	223	430	275				22
1164		175	7"	266	508	333				47
1165		200	8"	266	508	333				43,5

# Dynamic characteristics of valve closure

Overpressure measured downstream of 150mm check valves when the pump stops. The valves can carry a load of 5Kg/cm<sup>2</sup> Output 155m<sup>3</sup>/h(according to tests carried out by the CETIM)



# Applications

- 402/202: Check valves renowned for their exceptional hydraulic performances and competitive price. Ideal alternative or replacement for the more "traditional" swing check valve used within the water services industry.

402 X: all stainless steel 304 check valve for industrial applications, corrosive products, food industry, paper, industrial process...

422: bronze seat and closing system give increased resistance to corrosion.



- 302/102: foot valve with high hydraulic efficiency for pumping of clear liquids. The 102 is recommended for drillings (pumps with vertical axis).

- 302P/102P: the same applications as 302/102 but with a polyethylene strainer.

