



In-Line Check Valves

Sealum Industries offers check valves in three cracking pressures, 5 PSI, 30 PSI, and 50 PSI. The poppets are machined from 4140 heat treated steel, while the seats are machined from 65-45-12 cast iron. The bodies are stocked in C1018 steel, but are also available in 316 stainless steel upon request. The stem is welded to the poppet for a positive lock, and the entire assembly is held in the body with a retaining ring.



Part Number & Ordering Information

The following example represents a 2.00" Code 61 sandwich style check with a 50 psi cracking pressure, reverse free flow, and 316 stainless body.

3385 - 32 - 50 R SS

Designates Style & Code:

Designates Size:

SS = 316 Stainless Body
Blank = C1018 Steel Body

R = Reverse Free Flow
Blank = Standard Free Flow

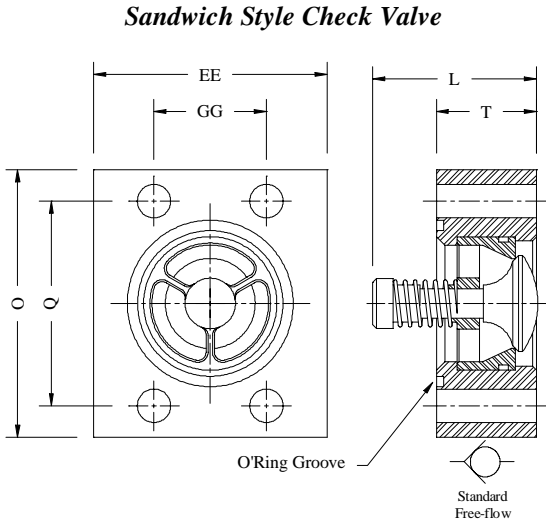
Designates Cracking Pressure:

5 = 5 psi Cracking Pressure

30 = 30 psi Cracking Pressure

50 = 50 psi Cracking Pressure

Sandwich Style In-Line Check Valves



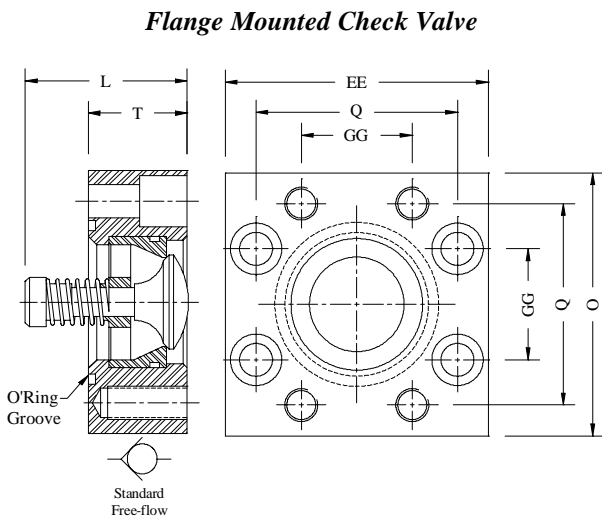
Sandwich Style Check Valve

Code 61 Sandwich Style Check Valve									
Part No.	Flange Size	GG	Q	EE	O	T	L 5 psi	L 30 psi	L 50 psi
3385-16-***	1.00	1.03	2.06	2.00	2.81	1.25	1.56	1.94	2.34
3385-20-***	1.25	1.19	2.31	2.50	3.13	1.25	1.69	2.31	2.56
3385-24-***	1.50	1.41	2.75	3.00	3.69	1.50	1.97	2.53	2.94
3385-32-***	2.00	1.69	3.06	3.50	4.00	2.00	2.78	3.78	4.62
3385-40-***	2.50	2.00	3.50	4.00	4.50	2.00	3.09	4.68	5.59
3385-48-***	3.00	2.44	4.19	5.00	5.31	2.50	3.62	5.25	5.68
3385-56-***	3.50	2.75	4.75	5.00	6.00	3.00	4.13	6.25	7.00
3385-64-***	4.00	3.06	5.13	6.00	6.38	3.00	4.62	7.31	8.31

Code 62 Sandwich Style Check Valve									
Part No.	Flange Size	GG	Q	EE	O	T	L 5 psi	L 30 psi	L 50
3386-16-***	1.00	1.09	2.25	2.2	3.25	1.25	1.56	1.94	2.34
3386-20-***	1.25	1.25	2.63	3.0	3.75	1.25	1.69	2.31	2.56
3386-24-***	1.50	1.44	3.13	3.5	4.44	1.50	1.97	2.53	2.94
3386-32-***	2.00	1.75	3.81	4.0	5.25	2.00	2.78	3.78	4.62

*** See Page 64-1 For Part Number Information

Flange Mounted In-Line Check Valves



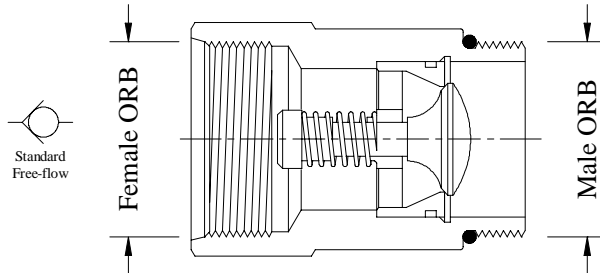
Flange Mounted Check Valve

Code 61 Flange Mounted Check Valve									
Part No.	Flange Size	GG	Q	EE	O	T	L 5 psi	L 30 psi	L 50 psi
3387-16-***	1.00	1.03	2.06	2.75	2.75	1.25	1.56	1.94	2.34
3387-20-***	1.25	1.19	2.31	3.13	3.00	1.25	1.69	2.31	2.56
3387-24-***	1.50	1.41	2.75	4.00	3.69	1.50	1.97	2.53	2.94
3387-32-***	2.00	1.69	3.06	4.00	4.00	2.00	2.78	3.78	4.62
3387-40-***	2.50	2.00	3.50	4.50	4.50	2.00	3.09	4.68	5.59
3387-48-***	3.00	2.44	4.19	5.50	5.31	2.50	3.62	5.25	5.68
3387-56-***	3.50	2.75	4.75	6.00	6.00	3.00	4.13	6.25	7.00
3387-64-***	4.00	3.06	5.13	6.50	6.19	3.00	4.62	7.31	8.31

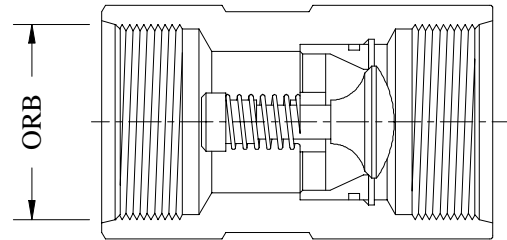
Code 62 Flange Mounted Check Valve									
Part No.	Flange Size	GG	Q	EE	O	T	L 5 psi	L 30 psi	L 50
3388-16-***	1.00	1.09	2.25	3.2	3.25	1.25	1.56	1.94	2.34
3388-20-***	1.25	1.25	2.63	4.0	3.75	1.25	1.69	2.31	2.56
3388-24-***	1.50	1.44	3.13	4.5	4.44	1.50	1.97	2.53	2.94
3388-32-***	2.00	1.75	3.81	5.2	5.25	2.00	2.78	3.78	4.62

*** See Page 64-1 For Part Number Information

ORB (O'Ring Boss) In-Line Check Valves



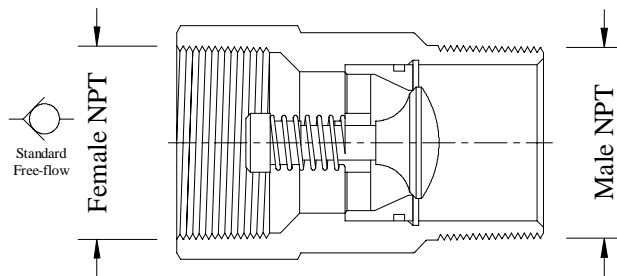
Part No.	Female ORB	Male ORB
3024-20-***	#20 (1-5/8"-12)	#20 (1-5/8"-12)
3024-24-***	#24 (1-7/8"-12)	#24 (1-7/8"-12)
3024-32-***	#32 (2-1/2"-12)	#32 (2-1/2"-12)



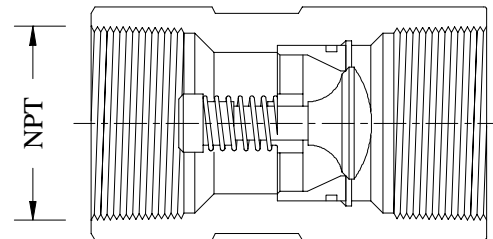
Part No.	Female ORB	Female ORB
3025-20-***	#20 (1-5/8"-12)	#20 (1-5/8"-12)
3025-24-***	#24 (1-7/8"-12)	#24 (1-7/8"-12)
3025-32-***	#32 (2-1/2"-12)	#32 (2-1/2"-12)

*** See Page 64-1 For Part Number Information

NPT (National Pipe Thread) In-Line Check Valves



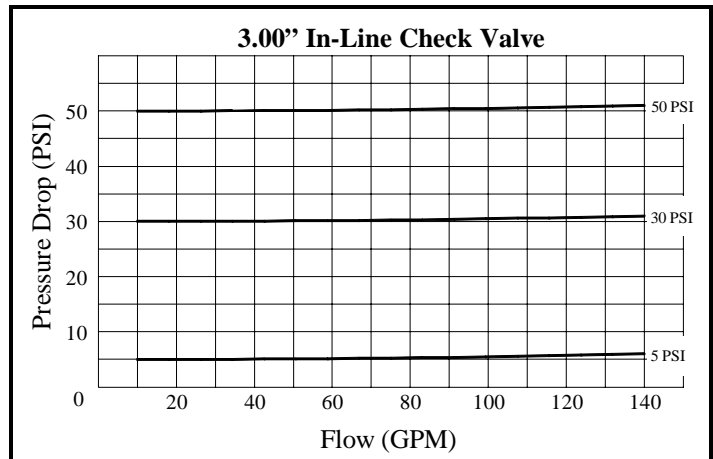
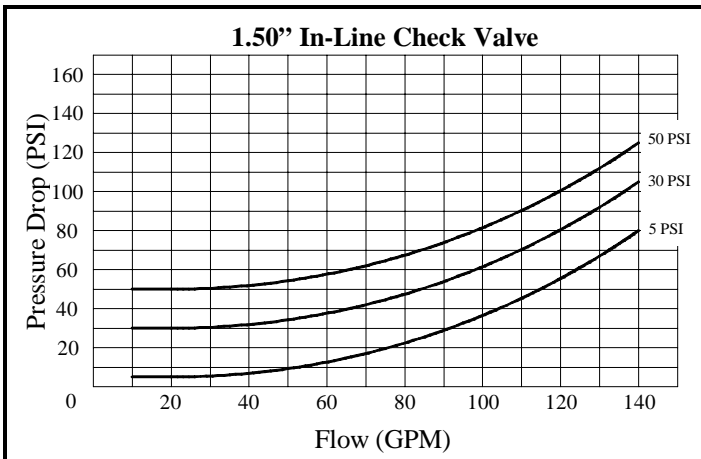
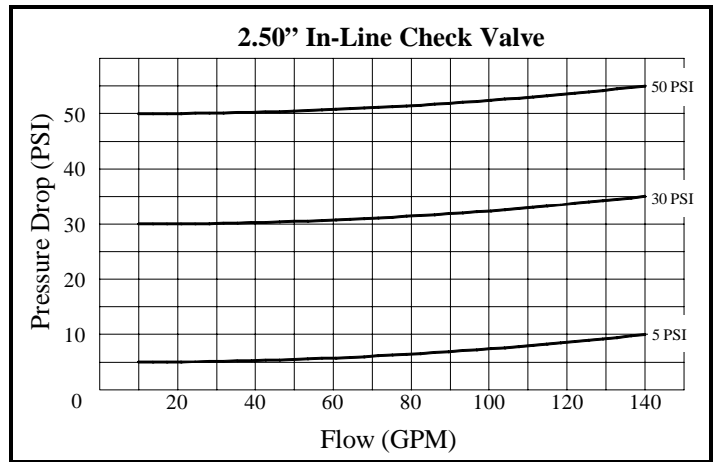
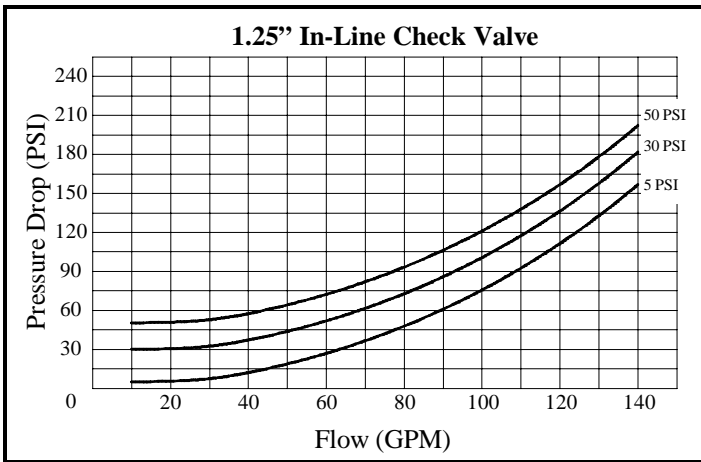
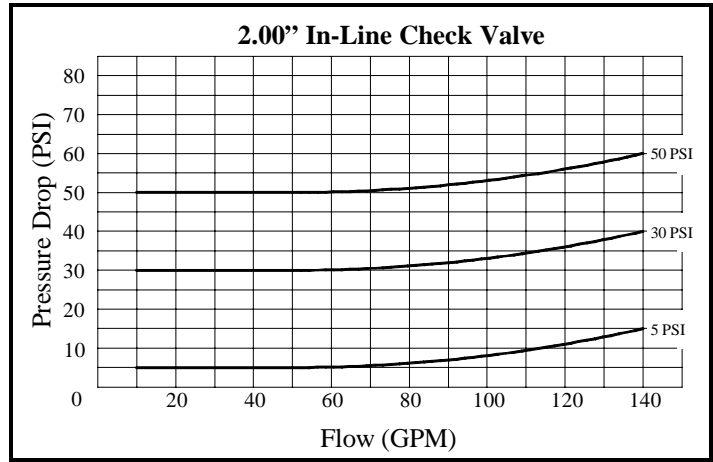
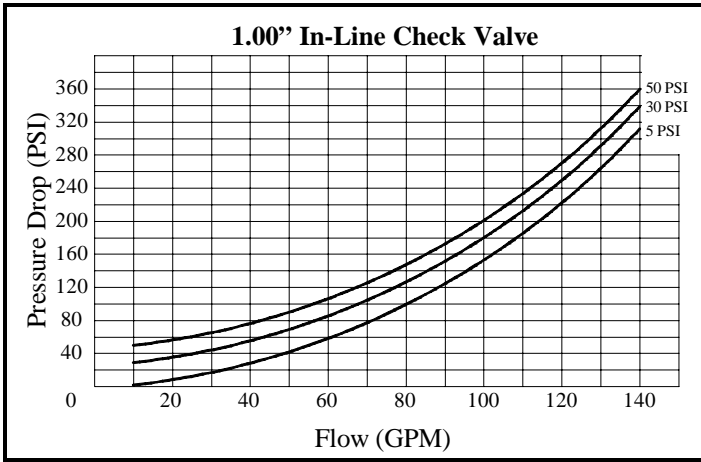
Part No.	Female NPT	Male NPT
3022-20-***	1.25"-11.5	1.25"-11.5
3022-24-***	1.50"-11.5	1.50"-11.5
3022-32-***	2.00"-11.5	2.00"-11.5
3022-40-***	2.50"-8	2.50"-8
3022-48-***	3.00"-8	3.00"-8
3022-56-***	3.50"-8	3.50"-8
3022-64-***	4.00"-8	4.00"-8



Part No.	Female NPT	Female NPT
3023-20-**	1.25"-11.5	1.25"-11.5
3023-24-**	1.50"-11.5	1.50"-11.5
3023-32-**	2.00"-11.5	2.00"-11.5
3023-40-**	2.50"-8	2.50"-8
3023-48-**	3.00"-8	3.00"-8
3023-56-**	3.50"-8	3.50"-8
3023-64-**	4.00"-8	4.00"-8

*** See Page 64-1 For Part Number Information

Check Valves – Pressure Drop versus Flow Specifications



All tests were performed with Texaco Rando HDZ-32 hydraulic oil at 50° C with a viscosity of 130 SSU.

All tests were performed on 5 PSI check valves. 30 PSI & 50 PSI check valve data has been extrapolated from the results.