KECKLEY

Style SC2R

Carbon Steel (ASTM A 105)
Class 150 Wafer

Stainless Steel (ASTM A 182, F316)
Class 150 Wafer

Thin Type Single Plate Wafer Check

APPLICATIONS

Flow reversal solutions for liquid, steam, and gas applications where protection from flow reversal in a pipeline is required.

CONSTRUCTION

Keckley Style SC2R wafer body thin type single plate swing check valves are available in Carbon Steel [A 105] and 316 Stainless Steel [A 182, F316]. The one-piece body design eliminates leak paths.

FEATURES

- Designed to comply with API-6D short pattern wafer check valve specification.
- Compact wafer design offers lightweight, space saving solution with reliable performance.
- One-Piece body design eliminates leak paths.
- Buna-N or PTFE body sealing O-Rings provide leak-proof performance.
- Threaded lifting hook for easy handling and alignment.

INSTALLATION

The Style SC2R is installed between flanges in horizontal applications and for vertical upward flow only. This valve can not be installed in a vertical pipeline with downward flow.

ORDERING

Reference ***How to Order SC2R Check Valves*** for building the Keckley Product Number.

WORKING PRESSURES - NON SHOCK

NOM. RATING	2" to 12"	50 mm to 300 mm
CARBON STEEL	285 PSI @ 100ºF	1966 KPa @ 38ºC
	150 PSI @ 565ºF	1035 KPa @ 296ºC
NOM. RATING	**2" to 12"**	**50 mm to 300 mm**
316 STAINLESS STEEL	275 PSI @ 100ºF	1897 KPa @ 38ºC
	150 PSI @ 565ºF	1035 KPa @ 296ºC

Values listed represent typical market and service applications. Due to numerous variables (concentrations, temperatures, and flow) present in any application, no representation or guarantee, expressed or implied, is given.

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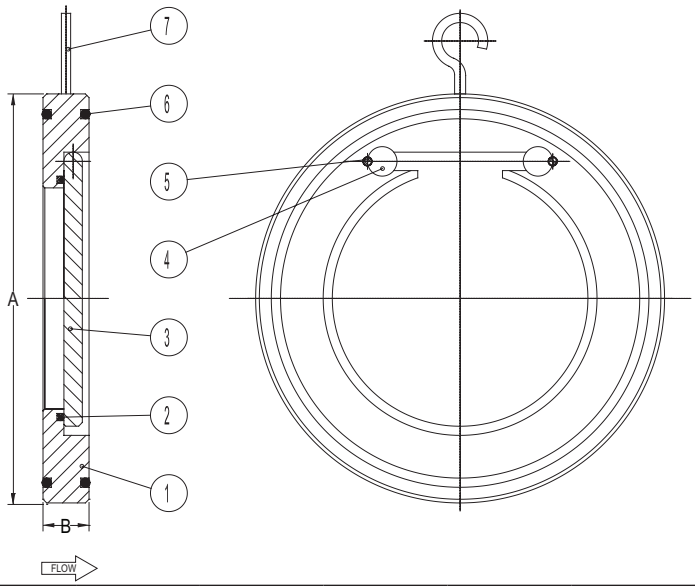
TECHNICAL DATA
DIMENSIONS AND WEIGHTS

Style SC2R

Thin Type Single Plate Wafer Body



PARTS LIST			
ITEM	DESCRIPTION	MATERIAL	
1	Body	ASTM A 105	A 182, F316
2	Seat	Buna-N	PTFE
3	Plate	A 351, CF8	A 351, CF8M
4	Holder	A 276 Gr. 304	A 276 Gr. 316
5	Screw	304ss	316ss
6	Flange Seal	Buna-N	PTFE
7	Eyebolt	CS	CS

SIZE		DIMENSIONS				WEIGHTS	
		A		B			
in	mm	in	mm	in	mm	lbs	kgs
2	50	3/4	19	4-1/16	103	3	1.4
3	80	3/4	19	5-5/16	135	4	1.8
4	100	3/4	19	6-13/16	173	7	3.2
5	125	3/4	19	7-11/16	195	8	3.6
6	150	3/4	19	8-11/16	221	10	4.5
8	200	1-1/8	29	10-15/16	277	24	11
10	250	1-1/8	29	13-5/16	338	33	15
12	300	1-1/2	38	16-1/16	408	67	30

Certified dimensional drawings are available upon request.

†This table reflects only the nearest metric equivalents.