



12 in. Carbon Steel, Cast Swing Check Valve. Class 150 Rating, Flanged Connection 8 (CR13/HF) Trim

<u>Item No.</u>	M100371	<u>Weight (lb)</u>	825
		<u>UOM</u>	EA

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Specifications

Type	Swing Check Valve
Size	12 in.
Material	Steel
Material Grade	Carbon Steel, Cast
Trim	TRIM 8 (CR13/HF)
Pressure Class	Class 150
Connection	Flanged
Specification	ANSI B16.5
Market	Commercial

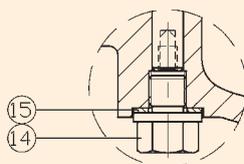
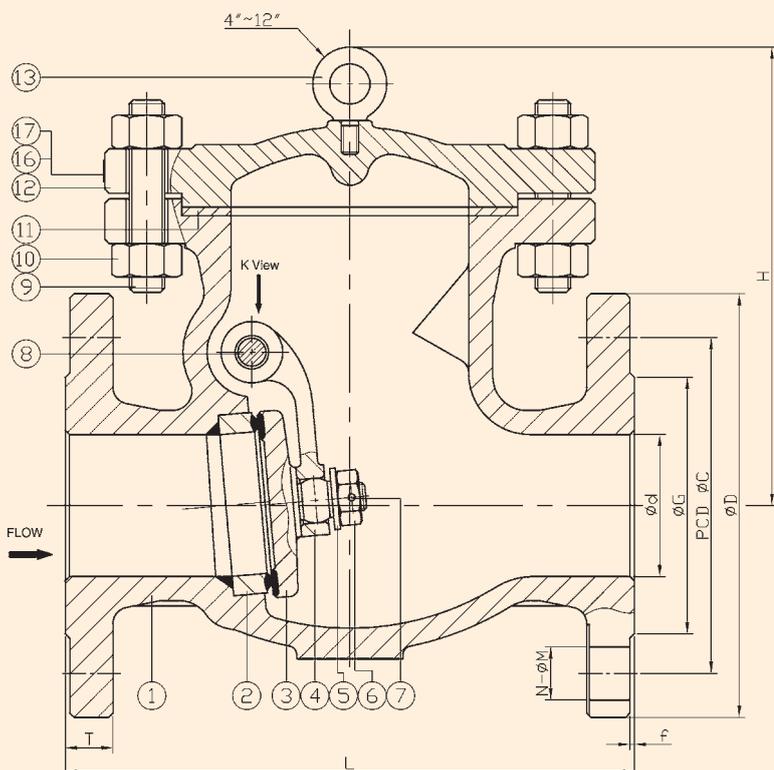
Product URL: <https://torksystems.com/M100371>

OVC# CS150CK

Class 150 Carbon Steel Check Valve

Features

- Dimension of flange: ASME B16.5
- Face to face: ASME B16.10
- Test: API 598
- Design: ASME B16.34 / BS1868



K View

NO.	DESCRIPTION	MATERIAL
1	BODY	ASTM A216-WCB
2	SEAT	ASTM A105+STL#6
3	DISC	ASTM A105+Cr13
4	HINGE	ASTM A216-WCB
5	DISC WASHER	ASTM A276-410
6	DISC NUT	ASTM A276-410
7	DISC NUT PIN	ASTM A276-410
8	HINGE PIN	ASTM A182--F6a
9	STUD	ASTM A193-B7
10	NUT	ASTM A194-2H
11	GASKET	SPW SS 304+GRAPHITE
12	CAP	ASTM A216-WCB
13	EYEBOLT	CARBON STEEL
14	PLUG	ASTM A276-410
15	WASHER	ASTM A276-304
16	NAMEPLATE	SS 304
17	RIVET	SS 304

NPS	d	G	C	D	L	H	T	f	N	M	Weight (lb)
2"	2	3.62	4.74	5.98	8	5.39	0.63	0.06	4	0.75	37.5
2-1/2"	2.5	4.13	5.49	7.01	8.5	5.87	0.71	0.06	4	0.75	50.7
3"	3	5	6	7.48	9.5	6.34	0.75	0.06	4	0.75	63.9
4"	4	6.18	7.5	9.02	11.5	9.02	0.94	0.06	8	0.75	92.6
6"	6	8.5	9.51	10.98	14	10.75	1.02	0.06	8	0.87	163.1
8"	8	10.63	11.75	13.5	19.5	13.43	1.14	0.06	8	0.87	238.1
10"	10	12.76	14.25	15.98	24.5	15.87	1.22	0.06	12	0.98	390.2
12"	12	15	17.01	19.02	27.5	18.54	1.26	0.06	12	0.98	621.7

* Other sizes available upon request.

TOLL FREE (877) 423-2660 • (513) 752-5600 • FAX (513) 752-8267
 EMAIL sales@ohiovalve.com • WEB www.ohiovalve.com