PLUMBING **Check Valves**



CAMERON

Flanged-End Swing Check Valves

Allow flow in only 1 direction to prevent backflow; Mount horizontally, except cast-iron models mount vertically or horizontally.

316 Stainless Steel Swing Check Valves

Max. pressure: 200 psi

Max. temp.: 353°F



Cast-Iron

1JNL3

Provide excellent corrosion and chemical resistance. Horizontal mounting. For use in plumbing and heating applications.

NPT **4VMT7**

Size	Cracking Pressure	L	NPT Item No.	Socket Weld Item No.
1/4"	4.27 psi	2 %16 in	4VMT7	—
3/8"		2 %16 in	4VMT8	4VMU9
1/2"		2 %16 in	4VMT9	—
3/4"		3 5/32 in	4VMU1	_
1"		3 ½ in	4VMU2	_
11/4"		4 1/8 in	4VMU3	_
11/2"	5.6 psi	4 23/32 in	4VMU4	4VMV5
2"		5 15/32 in	4VMU5	4VMV6
3"		7 1/8 in	4VMU7	_

46CE62 8 O N O M I

316 Stainless Steel **Check Valves**

- Max. pressure: 125 psi SWP
- Cracking pressure: 0.5 psi
- Max. temp.: 450°F

Valves allow flow in only 1 direction to prevent backflow, while the spring-actuated design allows fast seating action. FNPT connections. Dual guided stem and disc plus a soft PTFE seal for a bubble-tight shutoff. The 316 stainless steel body and spring are corrosion resistant and suitable for use with chemicals. Valves can be mounted vertically or horizontally.

Bronze and Lead-Free Bronze Spring MILWAUKEE VALVE Check Valves

GRAINGER

Spring-actuated valves open and close by liquid flow and allow flow in only 1 direction to prevent backflow. Bronze body. Can When mounted vertibe mounted vertically or horizontally.

Note: Check valves are not for use only. with reciprocating air compressor service

2776

APPROVED VENDOR Max. pressure: 200 psi CWP

Item

46CE63 /16 46CF64

46CE66

(in) No 46CE62

9/16 15/16

6 46CF69

4

Max. temp.: 250°F cally, valves must be

positioned for flow up



and API 600.

Size L (in)

19 1/2

4DHV8

Compact Spring Check Valves

Max. temp.: 250°F

Note: Not for use

for reciprocating air

compressor service.

seats and disc.

Cast-Steel—

Cobalt/chrome

seats. Meet API 600

and ASME B16.34.

Meet MSS-SP-71

and ASTM B16.1.

Cast-Iron—Bronze

- (Buna); 375°F (Viton)
- Cracking pressure: 1 psi Install in tight spaces to provide backflow protection for a variety of applications. First connection listed is the direction of flow. Piston design provides a positive seal at very low back pressure or slight vacuum.

				, Brass Seat	Stainless	Steel Body, Steel Seat	
				Viton Seals	Buna Seals	Viton Seals	
<u>.</u>		• •	Item	Item	Item	Item	
Size	L	Connec. Type	No.	No.	No.	No.	
		Pressure 500 psi					
_	11/16 in	FNPT × MNPT	4DHR5	4DHR6	4DHT4	40815	
_	11/16 in	FNPT × MNPT		_	_	4DHT7	
	11/16 in	MNPT x FNPT	4DHR7	4DHR8	4DHT6		
	13/16 in	MNPT			4DHT2	4DHT3	
_	13⁄16 in	MNPT x MNPT		4DHR4			
	1% in	FNPT	4DHR9	4DHT1	4DHT8	4DHT9	
_	1/2 in	MNPT	4DHU1		4DHU9	4DHV1	
_	1¾ in	FNPT x MNPT	4DHU3	4DHU4	4DHV2	4DHV3	
1⁄4"	1½ in	MNPT		4DHU2	—	—	
	1% in	MNPT x FNPT	4DHU5	4DHU6	4DHV4	4DHV5	
	1 ²⁵ ⁄32 in	FNPT	4DHU7	4DHU8	4DHV6	4DHV7	
	1 11/16 in	FNPT x MNPT	4DHW1	4DHW2	—	—	
3/8" -	1 11/16 in	MNPT	4DHV8	4DHV9	—	-	
98 -	1 ¹¹ /16 in	MNPT x FNPT	4DHW3	4DHW4	—	—	
	21/4 in	FNPT	4DHW5	4DHW6	4DHW7	4DHW8	
	1% in	FNPT x MNPT	4DHX2	4DHX3	—	—	
1/2" -	1% in	MNPT x FNPT	4DHX4	4DHX5	_	_	
92 -	2 in	MNPT	4DHW9	4DHX1	—	_	
2	217/32 in	FNPT	4DHX6	4DHX7	—	—	
Popp	oet, Max.	Pressure 500 psi					
	13/16 in	MNPT	4DHR3	-	-	_	
Popp	oet. Max.	Pressure 1200 psi					
1/4" -	1/2 in	FNPT		4DHP7	_	_	
	1½ in	FNPT	4DHP6	_	_	_	
3/8"	1¾ in	FNPT	4DHP8	4DHP9	_	_	
1/2"	1% in	FNPT	4DHR1	4DHR2	_	_	
3/8" 1/2"	1¾ in 1% in	FNPT	4DHP8 4DHR1	4DHP9 4DHR2	— — — 7.		

Scan. Order. Done.

Cameron

Newco

Carhon

Steel, Max.

Temp. 750°F

Item

33Z833

33Z834

33Z83 33Z83

33783

Nn

Te

Details on page A1.

Item

No.

4FVK1

4EVK

4EVK3

4EVK4

4EVK5

4EVK6

Cracking

0.068 psi 0.0<u>57 psi</u> 12 6 3/8

0.061 psi

psi

psi

L (in)

Size Pressure

Carbon Steel-Feature 300 Class flange and hand-faced seal ring. Ideal

Milwaukee Valve p.: 350°F Cast Steel, Max 5 to 1 psi Temp.: 1000°F@ 20 psi Cracking Press.: 0.75 to 1 psi

Max. Water Pressure

285 psi @ 100°F 285 psi @ 100°F 285 psi @ 100°F

285 psi @ 100°F

285 psi @ 100°F

for gas, oil, steam, and water applications. Meet ASME B16.10, B16.34

Cast Iron, Max. Temp.: 350°F Cracking Press.: 0.75 to 1 psi Max.

 Max.

 Max.steam Water Item

 Pressure
 Pressure No.

 125 psi WSP 200 psi JJNL4

 125 psi WSP 200 psi JJNL4

 125 psi WSP 200 psi JJNL5

 125 psi WSP 200 psi JJNL4

 125 psi WSP 200 psi JJNL4

 125 psi WSP 200 psi JJNL5

 125 psi WSP 200 psi JJNL5

 125 psi WSP 200 psi JJNL5

 125 psi WSP 200 psi JJNL5

Bronze, Lead-Free Bronze, and 316 SS Cone Spring Check Valves

- Max. pressure: 125 psi steam, 400 psig CWP
- Cracking pressure: ¹/₂ psi

Straight-through design assures minimum change in velocity and protects against reverse flow. Stainless steel springs. Reinforced RPTFE ball check. 40D886 to 40D888 have EPDM seat. 40D878 to 40D885 have RPTFE seat. All models mount vertically or horizontally. FNPT connections. Lead-Free check valves are certified NSF/ANSI 372 and certified for use in potable water applications.

Note: Not recommended for use with reciprocating pumps and similar applications that may induce repetitious vibrations

	Bronze, Max. Temp.: 406 °F Item		Lead-Free Bronze, Max. Temp.: 250 °F Item		Lead-Free Bronze, Max. Temp.: 350 °F Item		Stainless Steel, Max. Temp.: 350°F Item		
Size	L	No.	L .	No.	L	No.	L	No.	(a lane
1/4"	2 1/16 in	1CKT5	-	—	2 1/16 in	40D878	2 1/16 in	1CKU6	
3/8"	2 1/8 in	1CKT6	2 5/16 in	40D886	2 1/8 in	40D879	2 1/8 in	1CKU7	1. 1. 22
1/2"	2 5/16 in	1CKT7	2 5/16 in	40D887	2 5/16 in	40D880	2 5⁄16 in	1CKU8	10 M 1 5 5
3/4"	2 7/8 in	1CKT8	2 1/8 in	40D888	2 1/8 in	40D881	2 7/8 in	1CKU9	N THE
1"	3 ½ in	1CKT9	_	_	3 ½ in	40D882	3 ½ in	1CKV1	1000
11/4"	4 3/16 in	1CKU1		_	4 3/16 in	40D883	4 3⁄16 in	1CKV2	
11/2"	4 15/16 in	1CKU2	-	_	4 15/16 in	40D884	4 15/16 in	1CKV3	Le
2"	6 in	1CKU3	_	_	6 in	40D885	6 in	1CKV4	
21/2"	7 in	1CKU4	-	_	_	_	_	_	Inli
3"	8 1/8 in	1CKU5	_	_	_	_	_	_	

MILWAUKEE VALVE

Max. pressure: 250 psi non-shock CWP

Max. temp.: 353°F

Silent closing design to reduce water hammer. Certified for use in potable water applications.

Note: Find more Milwaukee Valve items at Grainger.com; search for "Milwaukee bronze swing check valves".

Size	Approved Vendor, NPT Cracking Item Pressure L No.			Approved Vendor, Solder Cracking Item Pressure L No.			Milv Lead-Fro Cracking Pressure	
3⁄8"		_	_		_	_	0.75 to 1 psi	
1/2"	1.7 psi	2 13/32 in	6AJY1	1.7 psi	2 27/32 in	6AJY7	0.75 to 1 psi	
3⁄4"	3.5 psi	2 3/4 in	6AJY2	3.5 psi	3 17/32 in	6AJY8	0.75 a 1 psi	
1"	3.5 psi	3 1/4 in	6AJY3	3.5 psi	4 3/32 in	6AJY9	0.75 a 1 psi	
11/4	3.5 psi	3 5/8 in	6AJY4	3.5 psi	4 31/32 in	6AJZ0	0.75 to 1 psi	
11/2"	4.3 psi	4 in	6AJY5	4.3 psi	4 15/16 in	6AJZ1	0.75 to 1 psi	
2"	4.3 psi	5 in	6AJY6	4.3 psi	6 1/16 in	6AJZ2	0.75 to 1 psi	







waukee ee Threaded Milwaukee, Lead-Free Cracking Solder Item Item No. 5EMY5 5EMY6 No. 5EMZ2 5EMZ3 Pressure 1 ⁷/₃₂ in 1 ⁷/₃₂ in .75 to 1 psi .75 to 1 psi ⁷/32 in 7/32 in 1/2 in 29/32 in 1/2 in 1 29/32 in 5FMY7 0.75 to 1 5FM7/ 0.75 to 1 psi 5EMY8 5EMY9 5EMZ5 5EMZ6 5∕32 in 5/32 in 5EMZ0 5EMZ1 5EMZ7 ∕a in







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