

# CHC, CHSC and SHSC SERIES HIGH PRESSURE CHECK VALVES

ALL SPECIFICATIONS AND DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE



NPT SIZE	Part# 5 PSIG Cracking Pressure	Part# 65 PSIG Cracking Pressure	Working Pressure	Flow Rate
1/4"	CHC-2-5	CHC-2-65	6,000 PSIG	6 GPM
3/8"	CHC-3-5	CHC-3-65	6,000 PSIG	9.5 GPM
1/2"	CHC-4-5	CHC-4-65	5,000 PSIG	18 GPM
3/4"	CHC-6-5	CHC-6-65	5,000 PSIG	30 GPM
1"	CHC-8-5	CHC-8-65	5,000 PSIG	35 GPM
1-1/4"	CHC-10-5	CHC-10-65	3,000 PSIG	60 GPM
1-1/2"	CHC-12-5	CHC-12-65	3,000 PSIG	90 GPM
2"	CHC-16-5	CHC-16-65	3,000 PSIG	145 GPM

SAE SIZE	Part# 5 PSIG Cracking Pressure	Part# 65 PSIG Cracking Pressure	Working Pressure	Flow Rate
7/16-20	CHC-S4-5	CHC-S4-65	6,000 PSIG	6 GPM
9/16-18	CHC-S6-5	CHC-S6-65	6,000 PSIG	9.5 GPM
3/4-16	CHC-S8-5	CHC-S8-65	5,000 PSIG	18 GPM
1-1/16-12	CHC-S12-5	CHC-S12-65	5,000 PSIG	30 GPM
1-5/16-12	CHC-S16-5	CHC-S16-65	5,000 PSIG	35 GPM
1-5/8-12	CHC-S20-5	CHC-S20-65	3,000 PSIG	60 GPM
1-7/8-12	CHC-S24-5	CHC-S24-65	3,000 PSIG	90 GPM

NPT SIZE	Part# 7 PSIG Cracking Pressure	Part# 70 PSIG Cracking Pressure	Working Pressure	Flow Rate
1/4"	CHSC-2-7	CHSC-2-70	10,000 PSIG	5.8 GPM
3/8"	CHSC-3-7	CHSC-3-70	10,000 PSIG	9.4 GPM
1/2"	CHSC-4-7	CHSC-4-70	7,350 PSIG	17.9 GPM
3/4"	CHSC-6-7	CHSC-6-70	7,350 PSIG	29.7 GPM
1"	CHSC-8-7	CHSC-8-70	7,350 PSIG	35.8 GPM
1-1/4"	CHSC-10-7	CHSC-10-70	4,410 PSIG	59.7 GPM
1-1/2"	CHSC-12-7	CHSC-12-70	4,410 PSIG	90.8 GPM
2"	CHSC-16-7	CHSC-16-70	4,410 PSIG	144.7 GPM

NPT SIZE	Part#	Working Pressure	Flow Rate
1/4"	SHSC-2-7	5,145 PSIG	4.7 GPM
3/8"	SHSC-3-7	5,145 PSIG	10.5 GPM
1/2"	SHSC-4-7	5,145 PSIG	13.1 GPM
3/4"	SHSC-6-7	4,400 PSIG	23.7 GPM
1"	SHSC-8-7	3,675 PSIG	36.9 GPM
1-1/4"	SHSC-10-7	3,675 PSIG	71.0 GPM
1-1/2"	SHSC-12-7	3,675 PSIG	97.4 GPM



## CHC SERIES

- 5 or 65 PSIG Cracking Pressure
- Body: Carbon Steel, Zinc Plated
- Spring: Carbon Steel
- Guide & Poppet: Case Hardened Steel
- Temperature: -40°F to 500°F

## CHSC SERIES

- Body: Carbon Steel, Zinc Plated
- Poppet: Carbon Steel, Zinc Plated
- Springs: Stainless Steel
- Buna N Poppet "o" Rings
- Temperature: -13°F to 185°F

## SHSC SERIES

- Body: 316 Stainless Steel
- Poppet: 316 Stainless Steel
- Springs: 304 Stainless Steel
- VITON Poppet "o" Rings
- Temperature: -13°F to 392°F