BENCOR (Pty) Ltd.

Check valves



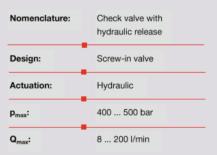
Screw-in check valves with hydraulic release type CRH and RHC

The screw-in check valves with hydraulic release, type CRH and RHC, are used in hydraulic circuits with design related leaking directional valves, as a hydraulically actuated drain, or idle circulation valves.

The valves, type RHC, with or without pre-release (for high pressure and high consumer flows) are designed as screw-in valves. Type CRH valves are designed as a valve cartridge. Many different versions are available to cover all requirements.

Both types can be screwed in mounting holes which can be easily machined

with a standard drill (point angle 118°).





Basic types and general parameters

Basic type and size	Flow Q _{max} (I/min)	Oper. pressure p _{max} (bar)	Release ratio p _A / p _Z	Mounting thread	Symbol
CRH 2	50	500	2,6	M 20 x 1,5	
CRH 3	80	500	2,5	M 24 x 1,5	
RHC 1	. 15	500	2,6	M 16 x 1,5	
RHC 3	25	500	2,6	M 20 x 1,5	
RHC 3	55	500	2,5	M 24 x 1,5	
RHC 4	100	500	2,5	M 30 x 1,5	
RHC 5	150	400	2,8	M 36 x 1,5	
RHC 6	200	400	2.5	M 42 x 1,5	

Additional versions

- \bullet Valve types with differing release ratio (approx. 4,2 : 1)
- Valve types with special seals for the actuation piston and / or mounting thread
- Valve types with hydraulically assisted actuation piston (independent from p_B)
- Valve types with pre-release

Order examples

CRH

Check valve with hydraulic release type CRH, size 3

RHC 5

Check valve with hydraulic release type RHC, size 5