

Quick-Coupling Valves

Convenient water access in potable and non-potable systems

Features

- Optional locking cover on models 33-DLRC, 44-LRC, 5-LRC, 33-DNP, 44-NP, and 5-NP (use 2049 key to unlock). Metal cover on model 7 only
- One-piece body design (models 3-RC, 5-RC and 7)
- Two-piece body design for easy servicing (models 33-DRC, 44-LRC, 44-RC, 33-DNP, and 44-NP)
- Strong corrosion-resistant stainless steel spring prevents leakage
- Thermoplastic cover for durability
- 33-DNP, 44-NP, and 5-NP covers marked with "Do Not Drink!" warnings in English and Spanish
- Three-year trade warranty

Specifications

- Pressure: 5 to 125 psi (0.35 to 8.63 bar)
- Flow: 10 to 125 gpm (2.27 to 28.38 m³/h; 37.8 to 473 l/m)
- 33-DNP, 44-NP, and 5-NP flow: 10 to 70 gpm (2.27 to 15.89 m³/h; 37.8 to 265 l/m)

Dimensions (height)

- 3-RC: 4¼" (10.8 cm) • 44-RC: 6" (15.2 cm) • 7: 5¾" (14.6 cm)
- 33-DRC: 4¾" (11.1 cm) • 44-LRC: 6" (15.2 cm) • 33-DNP: 4¾" (11.1 cm)
- 33-DLRC: 4¾" (11.7 cm) • 5-RC: 5½" (14.0 cm) • 44-NP: 6" (15.2 cm)
- 5-LRC: 5½" (14.0 cm) • 5-NP: 5½" (14.0 cm)

Models

- 3-RC: ¾" NPT Rubber Cover, 1-Piece Body
- 33-DRC: ¾" NPT Double Track Key Lug, Rubber Cover, 2-Piece Body
- 33-DLRC: ¾" NPT Double Track Key Lug, Locking Rubber Cover, 2-Piece Body
- 44-RC: 1" NPT Rubber Cover, 2-Piece Body
- 44-LRC: 1" NPT Locking Rubber Cover, 2-Piece Body
- 5-RC: 1" NPT Rubber Cover, 1-Piece Body
- 5-LRC: 1" NPT Locking Rubber Cover, 1-Piece Body
- 7: 1½" NPT Metal Cover, 1-Piece Body
- 5-RC-BSP: 1" BSP Rubber Cover, 1-Piece Body, BSP threaded
- 5-LRC-BSP: 1" BSP Locking Rubber Cover, 1-Piece Body, BSP threaded
- 33-DNP: ¾" NPT Non-potable, Purple Locking Rubber Cover, 2-Piece Body
- 44-NP: 1" NPT Non-potable, Purple Locking Rubber Cover, 2-Piece Body
- 5-NP: 1" NPT Non-potable, Purple Locking Rubber Cover, 1-Piece Body

Quick-Coupling Valves Pressure Loss (psi)

Flow	3-RC	33-DRC 33-DLRC 33-DNP	44-RC 44-LRC 44-NP	5-RC 5-LRC 5-NP	7
gpm	¾"	¾"	1"	1"	1½"
10	1.8	2	-	-	-
15	4.7	4.3	2.2	-	-
20	7.2	7.6	4.4	-	-
30	-	-	11.5	4.1	-
40	-	-	-	7.3	-
50	-	-	-	11	1.7
60	-	-	-	15.7	2.5
70	-	-	-	21.5	3.6
80	-	-	-	-	4.9
100	-	-	-	-	8.4
125	-	-	-	-	14

Quick-Coupling Valves Pressure Loss (bar)

Flow	3-RC	33-DRC 33-DLRC 33-DNP	44-RC 44-LRC 44-NP	5-RC 5-LRC 5-NP	7	
m ³ /h	l/m	1.9 cm	1.9 cm	2.5 cm	2.5 cm	3.8 cm
2.3	38	0.12	0.12	-	-	-
4	67	0.41	0.42	0.23	-	-
5	83	0.57	0.62	0.4	-	-
6	100	-	-	0.62	-	-
7	117	-	-	0.83	0.3	-
8	133	-	-	-	0.4	-
9	150	-	-	-	0.5	-
10	167	-	-	-	0.61	-
12	200	-	-	-	0.85	0.13
14	233	-	-	-	1.15	0.18
16	267	-	-	-	1.5	0.25
22	367	-	-	-	-	0.54
28	473	-	-	-	-	0.97



Quick-Coupling Valve Cutaway



Quick Coupling Valves