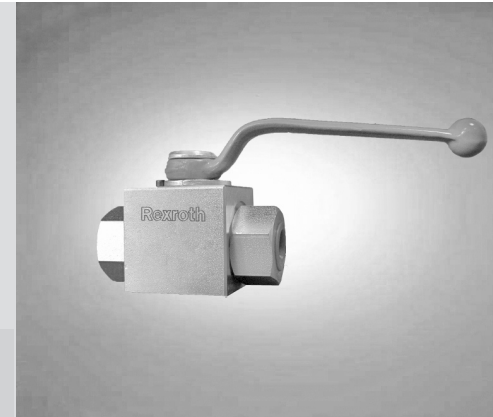
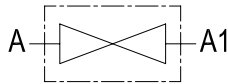
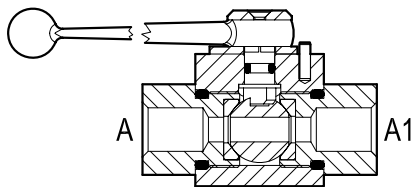


Ball valves

Ball type cut-off valves



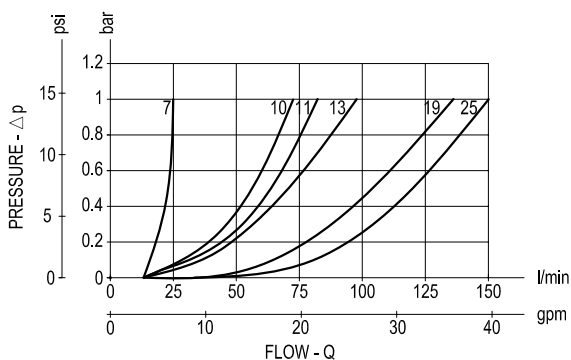
AD Series



Description

They are 2 ways lever controlled cut-off valves which can be shifted from fully closed to fully open through a 1/4 turn rotation of the lever. A mechanical stroke limiter prevents the lever from being rotated behind the 90° adjustment range. Normally, the valve is fully open when the control lever is lined-up with the ports.

Performance



Advantages

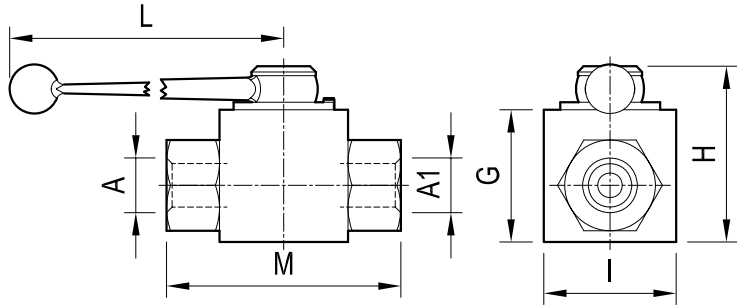
- Very compact design and inline mounting for space saving.
- Mounting position is optional.
- Six sizes provide great adaptability to the system.

Technical data

Code	Pressure P max bar (psi)	Weight kg (lbs)
AD 7-E	350 (5000)	0.43 (0.95)
AD 10-E	350 (5000)	0.81 (1.79)
AD 11-E	350 (5000)	0.81 (1.79)
AD 13-E	350 (5000)	0.78 (1.72)
AD 19-E	250 (3600)	1.24 (2.73)
AD 25-E	250 (3600)	2.1 (4.6)

Steel body, zinc plated; painted lever

Dimensions



Ports size / Dimensions

Code	Ø DN mm (inches)	Port size A-A1	G mm (inches)	H mm (inches)	I mm (inches)	L mm (inches)	M mm (inches)
AD7-E	7 (0.28)	G 1/4	35 (1.38)	47 (1.85)	35 (1.38)	104.5 (4.11)	61.5 (2.42)
AD10-E	10 (0.39)	G 3/8	45 (1.77)	63 (2.48)	35 (1.38)	158 (6.22)	80 (3.15)
AD11-E	11 (0.43)	M 18x1.5	45 (1.77)	63 (2.48)	35 (1.38)	158 (6.22)	80 (3.15)
AD13-E	13 (0.51)	G 1/2	45 (1.77)	63 (2.48)	35 (1.38)	158 (6.22)	80 (3.15)
AD19-E	19 (0.75)	G 3/4	53 (2.09)	71 (2.80)	45 (1.77)	158 (6.22)	100 (3.94)
AD25-E	25 (0.98)	G 1	70 (2.76)	88.5 (3.48)	55 (2.17)	197.5 (7.78)	115 (4.53)

note: Ø DN = flow area I.D. (nominal).

Ordering code



series 7-E	=	7-E
series 10-E	=	10-E
series 11-E	=	11-E
series 13-E	=	13-E
series 19-E	=	19-E
series 25-E	=	25-E

Port size (see below)

	AD 7-E	AD 10-E	AD 11-E	AD 13-E	AD 19-E	AD 25-E
Port size A-A1	G 1/4	G 3/8	M 18x1.5	G 1/2	G 3/4	G 1

Applications

They are employed to prevent or allow flow delivery to one line. The control lever can be easily rotated when the line is not pressurized.

Type	Material number	Type	Material number	Type	Material number
AD7-E	R932500002				
AD10-E	R932500004				
AD11-E	R932006964				
AD13-E	R932500005				
AD19-E	R932500006				
AD25-E	R932500007				