

SharkBite Quarter Turn Ball Valve

A high performance, time and labour-saving solution for connecting compressed air and pneumatic piping systems.

Overview

The SharkBite Air & Pneumatics range enables fast, simple and reliable pipe connections. Available in 10 to 54mm sizes, the robust brass-body fittings can withstand high pressure and a range of system requirements, making it ideal for small to large commercial and industrial applications.

Using a simple push-fit action, pipes are instantly joined without the need for tools, silicon, hot works, solder or glue. Fittings can also be disconnected with a secure demounting tool, making system extensions and modifications quick and easy.

Designed to securely and firmly grip the system's anodised aluminium pipe, SharkBite Air & Pneumatics provides an air tight seal. The range is also compatible with powder coated aluminium, copper, PEX-a or nylon pipe.

Features

- Push-fit connection ends
- Engineered brass body
- Nitrile O-Ring and stainless steel grab ring
- 18-20 bar pressure rating
- Secure demounting tool
- Tamperproof lockable handle

Benefits

- Durable solution that withstands high pressure
- Instant, tool-free, push-fit connection
- No hot works, silicon, solder or glue
- Quick and easy system reconfiguration and extension, with minimal downtime
- A versatile solution that connects to metal or plastic pipe

Product code	Size	Description	Bag qty
SBA2715	15 mm	Quarter Turn Ball Valve	1
SBA2722	22 mm	Quarter Turn Ball Valve	1
SBA2728	28 mm	Quarter Turn Ball Valve	1
SBA2735E	35mm	Quarter Turn Ball Valve	1
SBA2742E	42mm	Quarter Turn Ball Valve	1
SBA2754E	54mm	Quarter Turn Ball Valve	1

Approvals

The design and working parameters of the SharkBite Air & Pneumatics fitting range fall within the SEP (Sound Engineering Practice) range of the Pressure Equipment Directive.

Rigorous manufacturing and quality control, as well as long-term internal product testing, ensure the durability and seamless performance of the SharkBite Air & Pneumatics fittings.



SharkBite 10mm - 28mm



SharkBite 35mm - 54mm



SharkBite Quarter Turn Ball Valve

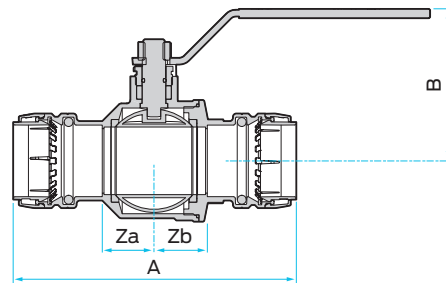
Working pressures and temperatures

Size	Pipe	Pressure/temperature		
10mm	Anodised Aluminium	N/A	N/A	N/A
	Powder Coated Aluminium	N/A	N/A	N/A
	Nylon	15 Bar / -20°C	15 Bar / 20°C	8 Bar / 65°C
	PEX-a	N/A	N/A	N/A
	Copper	16 Bar / -20°C	16 Bar / 20°C	10 Bar / 65°C
15mm	Anodised Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Powder Coated Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Nylon	15 Bar / -20°C	15 Bar / 20°C	8 Bar / 65°C
	PEX-a	16 Bar / 20°C	16 Bar / 20°C	9 Bar / 65°C
	Copper	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
22mm	Anodised Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Powder Coated Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Nylon	14 Bar / -20°C	14 Bar / 20°C	7 Bar / 65°C
	PEX-a	16 Bar / 20°C	16 Bar / 20°C	9 Bar / 65°C
	Copper	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
28mm	Anodised Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Powder Coated Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Nylon	14 Bar / -20°C	14 Bar / 20°C	7 Bar / 65°C
	PEX-a	16 Bar / 20°C	16 Bar / 20°C	9 Bar / 65°C
	Copper	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
35mm	Anodised Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Powder Coated Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Nylon	N/A	N/A	N/A
	PEX-a	N/A	N/A	N/A
	Copper	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
42mm	Anodised Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Powder Coated Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Nylon	N/A	N/A	N/A
	PEX-a	N/A	N/A	N/A
	Copper	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
54mm	Anodised Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Powder Coated Aluminium	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C
	Nylon	N/A	N/A	N/A
	PEX-a	N/A	N/A	N/A
	Copper	16 Bar / -20°C	16 Bar / 20°C	16 Bar / 65°C

Materials

Body 10mm - 28mm	CW602N Brass
Body 35mm - 54mm	CW617N Brass
O-Ring	Nitrile
Cartridge Ring - 10mm	Acetal
Cartridge Ring - 15-28mm	304 Stainless Steel
Cartridge Ring - 35-54mm	Polyphenylsulfones (PPSU)
Grab ring	316 Stainless Steel
Alignment ring - 10 - 28mm	Acetal
Disconnecting ring - 10 28mm	Acetal
Disconnecting ring - 35 - 54mm	PPSU

Dimensions – All measurements in mm unless otherwise stated



Product Code	Size	A	Za	B	Zb
SBA2715	15	79	13	46	19
SBA2722	22	98	17	51	22
SBA2728	28	114	22	57	28
SBA2735E	35	150	26	78	28
SBA2742E	42	169	31	86	32
SBA2754E	54	184	35	95	38