

Parker Product Datasheet



In these robust valves, the internal component used to shut off the flow is a segment of a sphere. This allows frequent operation with very low torque, no fluid retention areas and therefore excellent mechanical performance.

PART NUMBER: 4602 18 34

CONNECTION 1 THREAD SIZE (METRIC): G1

PRODUCT OVERVIEW

In these robust valves, the internal component used to shut off the flow is a segment of a sphere.

This allows frequent operation with very low torque, no fluid retention areas and therefore excellent mechanical performance.

Features/Benefits:

- Compact & Abrasion-resistant
- Excellent with abrasive fluids (including solid particles)
- Fluid flow direction marked for greater safety (uni-directional)
- Smooth operation
- Can be easily adapted for use with auxiliary actuators
- More compact than a ball valve with equivalent nominal diameter
- Simple and efficient design for a long service life

Markets:

- Coating / Ink / Paint
- Machine Tools
- Plumbing
- Rubber & Tire Processing
- Oil & Gas

Applications:

- Allow/Stop Abrasive Fluids Circulation Including Solid Particles
- Suitable for Applications Requiring Frequent Operations

Technologies:

- Shut-off valve
- Butterfly valve
- Industrial valve
- Water pressure reducing valve
- Pressure regulating valve

Technical Characteristics:

- Fluids: Compressed air, industrial gases, water, cutting oils, hydraulics oils, fuel oil, fuel, etc.
- Materials: zamak, black epoxy paint, nickel-plated shot-blasted brass, NBR, stainless steel, brass, silicone free
- Pressure: 0 to 16 bar
- Temperature: -20°C to +80°C

Regulations:

- DI: 97/23/EC (module PED A - diameters greater than 25 mm)
- DI: 2006/42/EC (Machinery Directive)
- DI: 2002/95/EC (RoHS)
- RG: 1907/2006 (REACH)

Product Types:

- 2/2 Butterfly Shut-Off Valve, Female BSPP Thread

TECH SPECIFICATIONS

MEDIA	Compressed air
SPECIFICATIONS MET	DI: 97/23/EC (module PED A - diameters greater than 25 mm)
APPLICATION	Painting & Printing
STEM MATERIAL	BRASS
SPECIFICATIONS MET	DI: 2006/42/EC1(Machinery Directive) (module PED A - diameters greater than 25 mm)
MAXIMUM OPERATING TEMPERATURE	80 °C
CONNECTION 1 THREAD SIZE	BSPP
WEIGHT	0.412 kg
SPECIFICATIONS MET	RG: 1907/2006 (REACH) (module PED A - diameters greater than 25 mm)
HANDLE TYPE	ZAMAK
DIAMETER	18 nom
MINIMUM OPERATING TEMPERATURE	-20 °C
BALL SEAL MATERIAL	NBR
BODY MATERIAL	Nickel-Plated Brass
APPLICATION	Petrochemical
APPLICATION	Machine Tools
MEDIA	industrial gases
APPLICATION	Powder Conveyance
MEDIA	Cutting Oils
DIVISION	Low Pressure Connectors Europe Division
SPECIFICATIONS MET	DI: 2002/95/EC (RoHS) (module PED A - diameters greater than 25 mm)

STEM SEAL MATERIAL	NBR
O-RING MATERIAL	NBR
QUANTITY PER BOX	5
MAXIMUM OPERATING PRESSURE	16 barg
MEDIA	fuel
APPLICATION	Plumbing
MEDIA	Hydraulic Oil
PRODUCT TYPE	Butterfly Valves
MEDIA	Fuel Oil
APPLICATION	Rubber Industry
APPLICATION	Pneumatics
MEDIA	water
MEDIA	etc.
SHAPE	Butterfly Valve Female