

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 07 17

CONNECTION 1 THREAD SIZE (METRIC): G3/8

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

MAXIMUM OPERATING TEMPERATURE	80 °C
DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING PRESSURE	16 barg
MINIMUM OPERATING TEMPERATURE	-20 °C
SPECIFICATIONS MET	DI: 2006/42/EC1(Machinery Directive) (module PED A - diameters greater than 25 mm)
SPECIFICATIONS MET	RG: 1907/2006 (REACH) (module PED A - diameters greater than 25 mm)
SPECIFICATIONS MET	DI: 97/23/EC (module PED A - diameters greater than 25 mm)
SPECIFICATIONS MET	DI: 2002/95/EC (RoHS) (module PED A - diameters greater than 25 mm)
MEDIA	Hydraulic Oil
MEDIA	etc.
MEDIA	industrial gases
MEDIA	fuel
MEDIA	Fuel Oil
MEDIA	Cutting Oils
MEDIA	water
MEDIA	Compressed air
SHAPE	Butterfly Valve Female
APPLICATION	Painting & Printing
APPLICATION	Machine Tools
APPLICATION	Pneumatics
APPLICATION	Plumbing

APPLICATION	Petrochemical
APPLICATION	Rubber Industry
APPLICATION	Powder Conveyance
BODY MATERIAL	Nickel-Plated Brass
PRODUCT TYPE	Butterfly Valves
O-RING MATERIAL	NBR
WEIGHT	0.136 kg
HANDLE TYPE	ZAMAK
QUANTITY PER BOX	1
DIAMETER	7 nom
STEM MATERIAL	BRASS
STEM SEAL MATERIAL	NBR
BALL SEAL MATERIAL	NBR
CONNECTION 1 THREAD SIZE	BSPP