

# Ball Valves, Universal Light Series

Using the Universal Series technology, the Parker Legris light series valves offer the advantages of **compactness**, **ease of operation** and **long-term reliability**.

## Product Advantages

<b>Easy-to-Use</b>	Ease of operation due to the low friction design The short levers may be repositioned and exchanged Extremely compact Wide range of configurations
<b>Maximum Efficiency</b>	Excellent performance under vacuum Full flow Chemical nickel-plated brass with high phosphorous content for outstanding corrosion resistance Automatic seal wear compensation system
<b>Reliability</b>	Tried-and-tested technology Forged brass provides mechanical strength and long service life 100% leak-tested in production Date coding to guarantee quality and traceability



**Applications**

- Vacuum
- Transportation
- Packaging
- Textile
- Pneumatics
- Sawmills
- Rubber & Plastics

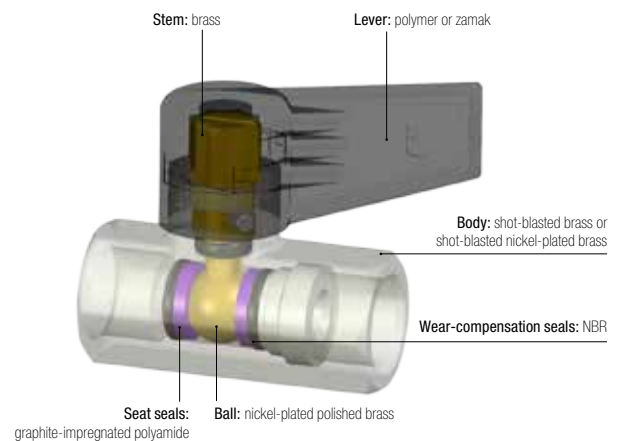
## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air Other fluids: see compatibility chart at the end of this chapter
<b>Working Pressure</b>	Vacuum to 12 bar
<b>Working Temperature</b>	-20°C to +80°C

<b>Tightening Torques</b>	Threads	G1/8	G1/4	G3/8	G1/2	G3/4
	daN.m	0.10 to 0.20	0.10 to 0.20	0.15 to 0.25	0.20 to 0.35	0.50 to 0.70

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.  
Guaranteed for use with a vacuum of 755 mm Hg (99% vacuum).

### Component Materials



### Silicone-free

### 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)