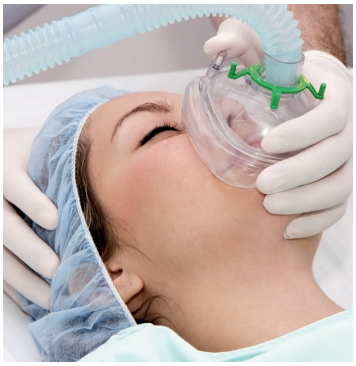
Ball Valves for Oxygen Applications

Specified and proven by leading companies in the O2 market



Expertise
Experienced Parker engineers support to find the best oxygen transfer solution for your application from a single source.

Reliability
Degreased valve, assembled with oxygen compatible grease. Proven and certified high-quality standards for oxygen. Each valve is 100% leak-tested in production.

Easy to install
Easy to install thanks to the fittings already installed on the valve, which guarantee a perfect seal.



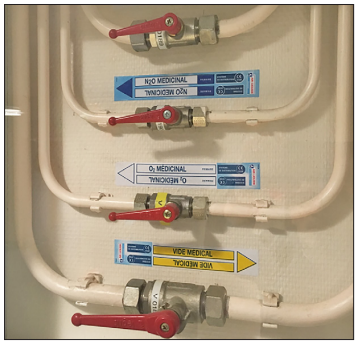
Durability
Robustness with automatic seal wear compensation for a long life-cycle and ease of operation thanks to the self-lubricating seal.

Traceability
Standardized and controlled production processes make it possible to trace O2 ball valves up to the smallest material or component including date coding.

Availability
O2 ball valves are produced in Europe with ensured supply chains and short delivery times.

ENGINEERING YOUR SUCCESS.

Ball Valves for Oxygen Applications



Technical Characteristics

Compatible Fluids	Oxygen (O2), Carbon dioxide (CO2), Nitrogen (N2), Nitrous oxide (N20), vacuum.
Working Pressure	Vacuum up to 12 bar
Working Temperature	-20°C to +80°C -40°C to +80°C without movement of the handle
Component Materials	**Body:** nickel-plated brass **Ball:** chemical nickel-plated brass **Handle:** zamak **Stem seal:** EPDM **Wear-compensation seal:** EPDM **Seat seal:** rilsan

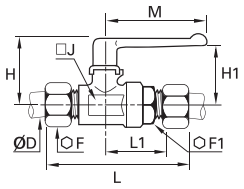
Certificates available on www.parker.com:

- Certificate of degreasing and assembly with oxygen compatible grease.
- Certificate of non-use of components of animal origin.

0414 2/2 In-Line Ball Valve with Compression Connections

Nickel-plated brass





ØD	DN		F	F1	H	H1	J	L	L1	M	kg
10	7	0414 00 00 07	19	19	38	28	19	78	31,5	48	0,210
12	10	0414 00 00 03	22	24	46	38	24	86	34	69,5	0,306
14	10	0414 00 00 02	24	24	46	38	24	86	33	69,5	0,322
15	13	0414 00 00 09	24	27	49,5	40	27	98	37,5	69,5	0,376
16	13	0414 00 00 04	27	27	48	40	27	98	38	69,5	0,406
18	13	0414 00 00 05	30	27	48	40	27	98	38	69,5	0,450
22	20	0414 00 00 06	36	38	64	44,5	39	115	42,5	108,5	0,885

Complementary products

Experienced Parker engineers support to find the best O2 transfer solution for your application.



Push-In Fittings, Couplers and Tubes







www.parker.com/LPCE

ENGINEERING YOUR SUCCESS.