

S70 Series



Pettinaroli Ball Valves
for **direct expansion**
air conditioning systems

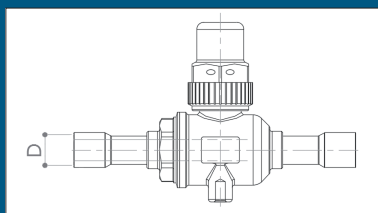
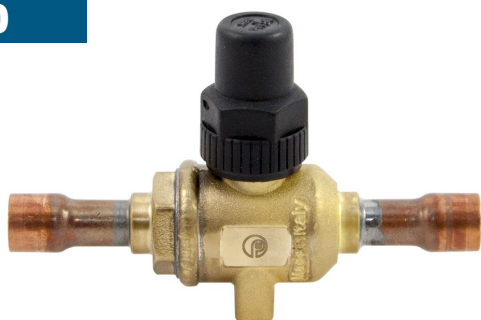
TECHNICAL SPECIFICATIONS

Ball valve for refrigerants type HFC/HFO, Pmax 45 bar, with access fitting (only S70S), copper ODS solder connections. Body and tail welded through a TIG weld. Copper connections are welded with silver alloy, blow-out proof stem, internally fitted. Bi-directional valve with internal balancing system of the pressure, cap for lead sealing. Conform for use of fluids categorized by Art. 13, point 1, letter b of European Directive PED 2014/68/EU as Group 2 fluids, not toxic, not flammable and not explosive. Conform to Art. 4 point 1, letter c of European Directive PED 2014/68/EU.

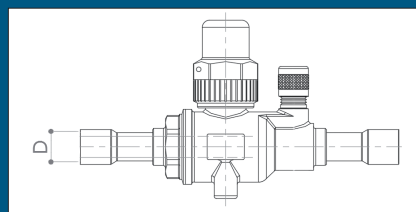
Body	CW617N (EN 12165) CuZn40Pb2
Ball	CW617N (EN 12165) CuZn40Pb2 Chrome plated
Connection	Copper EN12735-1 – Cu-DHP – R290
Stem	Galvanized steel
Seat	2 x modified PTFE
O-Rings	2 x chloroprene
Cap	PBT GF30
Access fitting (S70S)	Valve Schrader type

Recommended working temperature/pressure limits	
T_{min}	- 40 °C
T_{max}	+ 150 °C
P_{max}	45 bar

S70



S70S



D connection standard: imperial	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"	1 3/8"	1 5/8"	2 1/8"	2 5/8"	3 1/8"
Ball port	12	12	12	12	20	20	25	32	40	50	50	65
Kv	1,1	3,2	6	14,2	18	27,5	40,5	67,5	115	185	185	295
PN	45	45	45	45	45	45	45	45	45	45	45	45

D connection standard: metric	10	12	16	18	22	28	35	42	54	64	80
Ball port	12	12	12	20	20	25	32	40	50	50	65
Kv	3,2	6	14,2	18	27,5	40,5	67,5	115	185	190	295
PN	45	45	45	45	45	45	45	45	45	45	45



Via Pianelli, 38 - 28017 San Maurizio d'Opaglio (NO) - ITALY
 Tel. +39 0322 96217 - Fax +39 0322 96546
 info@pettinaroli.com - www.pettinaroli.com