

Declaration of Conformance Pressure Equipment Directive (PED)

All sizes and configurations of the AVCO ball valves listed herein conform to the Sound Engineering Practice (SEP) as specified in Article 4, Paragraph 3 of the EU Directive 2014/68/EC, Pressure Equipment Directive (PED) of the European Parliament and of the Council of 15 May 2014. As such these valves do not carry a CE marking as explicitly specified in the terms of the PED.

AVCO ball valves included in this declaration are:

1100 Series Ball Valves
1500 Series Ball Valves
1700 Series Ball Valves
1800 Series Ball Valves
1900 Series Ball Valves
2100 Series Ball Valves
2500 Series Ball Valves
2700 Series Ball Valves
2800 Series Ball Valves
2900 Series Ball Valves
9100 Series Ball Valves
9500 Series Ball Valves
9900 Series Ball Valves
11100 Series Ball Valves
11500 Series Ball Valves
11800 Series Ball Valves
19100 Series Ball Valves
19500 Series Ball Valves
HP1100 Series Ball valves
IV1100 Series Ball Valves

It must be noted that some sizes of the valves listed above cannot be used at their design pressure/temperature rating and still meet this declaration. Tables 6, 7, 8 & 9 of the PED become the limiting factor if the valves are intended for use under the PED. The following table shows the maximum pressure at which the valves can be used, whilst still conforming to SEP as outlined in the PED:

Maximum Allowable Pressure for PED SEP Conformance

SIZE	GASES		LIQUIDS	
	Group 1	Group 2	Group 1	Group 2
DN8 [1/4"]	Maximum Rating	Maximum Rating	Maximum Rating	Maximum Rating
DN10 [3/8"]	Maximum Rating	Maximum Rating	Maximum Rating	Maximum Rating
DN15 [1/2"]	Maximum Rating	Maximum Rating	Maximum Rating	Maximum Rating
DN20 [3/4"]	Maximum Rating	Maximum Rating	Maximum Rating	Maximum Rating
DN25 [1"]	Maximum Rating	Maximum Rating	Maximum Rating	Maximum Rating
DN32 [1 1/4"]	0.5 bar [7.25 psi]	Maximum Rating	62 bar [900 psi]	Maximum Rating
DN40 [1 1/2"]	0.5 bar [7.25 psi]	25 bar [362 psi]	50 bar [725 psi]	Maximum Rating
DN50 [2"]	0.5 bar [7.25 psi]	20 bar [290 psi]	40 bar [580 psi]	Maximum Rating
DN65 [2 1/2"]	0.5 bar [7.25 psi]	15 bar [217 psi]	30 bar [435 psi]	Maximum Rating
DN80 [3"]	0.5 bar [7.25 psi]	12.5 bar [181 psi]	25 bar [362 psi]	Maximum Rating
DN100 [4"]	0.5 bar [7.25 psi]	10 bar [145 psi]	20 bar [190 psi]	Maximum Rating
DN150 [6"]	0.5 bar [7.25 psi]	6.67 bar [96.5 psi]	13.33 bar [193 psi]	Maximum Rating
DN200 [8"]	0.5 bar [7.25 psi]	5 bar [72 psi]	10 bar [145 psi]	Maximum Rating
DN250 [10"]	0.5 bar [7.25 psi]	4 bar [58 psi]	8 bar [116 psi]	20 bar [290 psi]
DN300 [12"]	0.5 bar [7.25 psi]	3.33 bar [48 psi]	6.67 bar [96.5 psi]	16.67 bar [241 psi]
DN350 [14"]	0.5 bar [7.25 psi]	2.85 bar [41 psi]	5.71 bar [82 psi]	14.3 bar [207 psi]
DN400 [16"]	0.5 bar [7.25 psi]	2.5 bar [36 psi]	5 bar [72 psi]	12.5 bar [181 psi]
DN450 [18"]	0.5 bar [7.25 psi]	2.2 bar [32 psi]	4.4 bar [64 psi]	11.1 bar [160 psi]
DN500 [20"]	0.5 bar [7.25 psi]	2 bar [29 psi]	4 bar [58 psi]	10 bar [145 psi]
DN600 [24"]	0.5 bar [7.25 psi]	1.67 bar [24 psi]	3.33 bar [48 psi]	10 bar [145 psi]
DN700 [28"]	0.5 bar [7.25 psi]	1.4 bar [20 psi]	2.85 bar [41 psi]	10 bar [145 psi]

Maximum Rating is valve specific

Authorized Signature: Gregory J Parra
 President
 Date: