



SPIRAX SARCO Pressure reducing valve type 5900 series DP27 ductile cast iron internal thread

Characteristics

Series: DP27
Type: 5900
Model: Indirect-acting
Connection: Internal thread [BSPP]
Maximum inlet pressure: 17 bar
Medium temperature: -10 / 232 °C
Suitable for gases: 0
Housing material: Ductile cast iron
Material quality: EN-JS1049
Material disc: 1.4057
Seat material: 1.4057

Characteristics [2]

Membrane material: Phosphor bronze
Spring material: Spring steel
Material spring bonnet: Ductile cast iron
Filter element material: Brass
With couplers: No
Backflow preventer: No

DN	B	E	F	D	A, A1	Weight	Kvs-value
	[mm]	mm	mm	mm	mm	[kg]	[m ³ /h]
½ LC	185	234	130	364	160	12	1
½	185	234	130	364	160	12	2,8
¾	185	234	130	364	160	12	5,5
1	207	240	148	388	180	13	8,1
15LC	185	234	130	364	130	12,8	1
15	185	234	130	364	130	12,8	2,8
20	185	234	130	364	150	13,7	5,5
25	207	240	148	388	160	16	8,1
32	207	240	148	388	180	17	12
40	255	255	178	433	200	29	17
50	255	255	178	433	230	31,5	28

Max.inlet pressure temperature 17 bar - 232°C

Minimum pressure difference 10% from inlet pressure

Turndown 7 : 1, max. 10 : 1

Nominal inner diameter	Capacity type	Kvs value m ³ /h	Reduced pressure range bar	Article
1/2" [15]	Standard	2.8	0.2 / 3	11813999
1/2" [15]	Standard	2.8	0.2 / 17	11814000
1/2" [15]	LC	1	0.2 / 17	11814007
1/2" [15]	LC	1	0.2 / 3	11814001
3/4" [20]	Standard	5.5	0.2 / 3	11814002
3/4" [20]	Standard	5.5	0.2 / 17	11814004
1" [25]	Standard	8.1	0.2 / 3	11813987
1" [25]	Standard	8.1	0.2 / 17	11813988

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