



ARI Spring-loaded safety valve Type 12.911 cast iron high-lifting flange

The set pressure must be specified when ordering.

Characteristics

Series: 12.911

Norm: ISO 4126-1

Model: Spring-loaded safety valve

Construction type: Angle Pattern

Housing material inlet side: Cast iron

Material quality inlet side: EN-JL1040

Housing material outlet side: Cast iron

Material quality outlet side: EN-JL1040

Connection inlet side: Flange

Pressure rating inlet side: PN16

Connection outlet side: Flange

Pressure rating outlet side: PN16

Flange finish: Raised face

Blow-off characteristic: High-lifting

Gastight valve: Yes

Spring cap, closed: Yes

Material spring bonnet: Cast iron

Material disc: 1.4122

Seat material: 1.4571

Spring material: Spring steel [1.8159]

Spindle material: 1.4021+QT

Medium temperature: -10 / 300 °C

Application

- Vapours
- Steam
- Gasses.
- Liquids (for large quantities).

Technical Information

- Design in accordance with EN ISO4126-1, TRD421 and AD2000-A2.

Approval

- TÜV.
- PED.
- DNV.

Options

- Stainless steel bellows.
- O-ring in valve: EPDM, neoprene [CR] or FPM [FKM].

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Valve lifter	Sealing	Article
DN20	DN32	1.55 / 2.5	18	No	Metal	12559939
DN20	DN32	8.6 / 16	18	No	Metal	12559943
DN20	DN32	0.52 / 1	18	No	Metal	12559937
DN20	DN32	2.55 / 4.5	18	No	Metal	12559940
DN20	DN32	4.6 / 8.5	18	No	Metal	12559942
DN20	DN32	1.05 / 1.5	18	No	Metal	12559938
DN20	DN32	0.2 / 0.5	18	No	Metal	12559936
DN25	DN40	3.7 / 5	22.5	No	Metal	12559951
DN25	DN40	0.52 / 1	22.5	No	Metal	12559945
DN25	DN40	5.1 / 9	22.5	No	Metal	12559952
DN25	DN40	0.2 / 0.5	22.5	No	Metal	12559944
DN25	DN40	1.55 / 2	22.5	No	Metal	12559947
DN25	DN40	9.1 / 16	22.5	No	Metal	12559954
DN25	DN40	2.05 / 2.7	22.5	No	Metal	12559948
DN25	DN40	1.05 / 1.5	22.5	No	Metal	12559946
DN25	DN40	2.75 / 3.6	22.5	No	Metal	12559950
DN32	DN50	5.1 / 9	29	No	Metal	12559962
DN32	DN50	1.05 / 1.5	29	No	Metal	12559957
DN32	DN50	2.75 / 3.6	29	No	Metal	12559960
DN32	DN50	1.55 / 2	29	No	Metal	12559958

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Safety Valves | Spring loaded safety valves with flanged connection

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Valve lifter	Sealing	Article
DN32	DN50	0.2 / 0.5	29	No	Metal	12559955
DN32	DN50	9.1 / 16	29	No	Metal	12559963
DN32	DN50	3.7 / 5	29	No	Metal	12559961
DN32	DN50	0.52 / 1	29	No	Metal	12559956
DN32	DN50	2.05 / 2.7	29	No	Metal	12559959
DN40	DN65	5.1 / 9	36	No	Metal	12559971
DN40	DN65	1.05 / 1.5	36	No	Metal	12559966
DN40	DN65	2.05 / 2.7	36	No	Metal	12559968
DN40	DN65	3.7 / 5	36	No	Metal	12559970
DN40	DN65	0.52 / 1	36	No	Metal	12559965
DN40	DN65	9.1 / 16	36	No	Metal	12559972
DN40	DN65	1.55 / 2	36	No	Metal	12559967
DN40	DN65	2.75 / 3.6	36	No	Metal	12559969
DN40	DN65	0.2 / 0.5	36	No	Metal	12559964
DN50	DN80	2.05 / 2.7	45	No	Metal	12559977
DN50	DN80	5.1 / 9	45	No	Metal	12559980
DN50	DN80	1.05 / 1.5	45	No	Metal	12559975
DN50	DN80	2.75 / 3.6	45	No	Metal	12559978
DN50	DN80	9.1 / 16	45	No	Metal	12559981
DN50	DN80	3.7 / 5	45	No	Metal	12559979
DN50	DN80	0.52 / 1	45	No	Metal	12559974
DN50	DN80	0.2 / 0.5	45	No	Metal	12559973
DN50	DN80	1.55 / 2	45	No	Metal	12559976
DN65	DN100	3.7 / 5	58.5	No	Metal	12559988
DN65	DN100	2.75 / 3.6	58.5	No	Metal	12559987
DN65	DN100	1.05 / 1.5	58.5	No	Metal	12559984
DN65	DN100	9.1 / 16	58.5	No	Metal	12559990
DN65	DN100	0.52 / 1	58.5	No	Metal	12559983
DN65	DN100	2.05 / 2.7	58.5	No	Metal	12559986
DN65	DN100	5.1 / 9	58.5	No	Metal	12559989
DN65	DN100	0.2 / 0.5	58.5	No	Metal	12559982
DN65	DN100	1.55 / 2	58.5	No	Metal	12559985
DN80	DN125	1.55 / 2	72	No	Metal	12559994
DN80	DN125	0.52 / 1	72	No	Metal	12559992
DN80	DN125	5.1 / 9	72	No	Metal	12559998
DN80	DN125	2.05 / 2.7	72	No	Metal	12559995
DN80	DN125	0.2 / 0.5	72	No	Metal	12559991
DN80	DN125	9.1 / 14	72	No	Metal	12559999
DN80	DN125	2.75 / 3.6	72	No	Metal	12559996
DN80	DN125	1.05 / 1.5	72	No	Metal	12559993
DN80	DN125	3.7 / 5	72	No	Metal	12559997
DN80	DN125	14.1 / 16	72	No	Metal	12560000
DN100	DN150	2.55 / 3	90	No	Metal	12560006
DN100	DN150	3.7 / 5	90	No	Metal	12560008
DN100	DN150	14.1 / 16	90	No	Metal	12560011
DN100	DN150	3.05 / 3.6	90	No	Metal	12560007
DN100	DN150	1.55 / 2	90	No	Metal	12560004
DN100	DN150	0.52 / 1	90	No	Metal	12560002
DN100	DN150	9.1 / 14	90	No	Metal	12560010
DN100	DN150	5.1 / 9	90	No	Metal	12560009
DN100	DN150	1.05 / 1.5	90	No	Metal	12560003
DN100	DN150	2.05 / 2.5	90	No	Metal	12560005

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Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Valve lifter	Sealing	Article
DN100	DN150	0.2 / 0.5	90	No	Metal	12560001
DN125	DN200	1.15 / 1.5	106	No	Metal	12560015
DN125	DN200	0.2 / 0.4	106	No	Metal	12560012
DN125	DN200	3 / 4	106	No	Metal	12560019
DN125	DN200	0.42 / 0.75	106	No	Metal	12560013
DN125	DN200	4.1 / 5.7	106	No	Metal	12560020
DN125	DN200	12.1 / 16	106	No	Metal	12560023
DN125	DN200	1.55 / 1.9	106	No	Metal	12560016
DN125	DN200	8.3 / 12	106	No	Metal	12560022
DN125	DN200	0.77 / 1.1	106	No	Metal	12560014
DN125	DN200	2.55 / 2.95	106	No	Metal	12560018
DN125	DN200	1.95 / 2.5	106	No	Metal	12560017
DN125	DN200	5.8 / 8.2	106	No	Metal	12560021
DN150	DN250	2.75 / 3.3	125	No	Metal	12560030
DN150	DN250	3.35 / 4.1	125	No	Metal	12560031
DN150	DN250	1.55 / 1.9	125	No	Metal	12560027
DN150	DN250	0.2 / 0.5	125	No	Metal	12560024
DN150	DN250	4.2 / 5.5	125	No	Metal	12560032
DN150	DN250	2.35 / 2.7	125	No	Metal	12560029
DN150	DN250	1.05 / 1.5	125	No	Metal	12560026
DN150	DN250	11.1 / 16	125	No	Metal	12560035
DN150	DN250	0.52 / 1	125	No	Metal	12560025
DN150	DN250	1.95 / 2.3	125	No	Metal	12560028
DN150	DN250	5.6 / 7.4	125	No	Metal	12560033
DN150	DN250	7.5 / 11	125	No	Metal	12560034

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