



ARI Spring-loaded safety valve Type 15600 series 35.901 steel high-lifting flange

High-luminosity safety devices are used mainly for vapour (such as steam) and gases. With large quantities, can also be used for liquids.

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

Type of approvals: TÜV, PED, DNV

Options:

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

- Stainless steel bellows.

Casing material: Steel 1.0619

PN40/flange outlet PN16

Closed spring cap, closed valve lifter

Characteristics

Series: 35.901

Type: 15600

Norm: ISO 4126-1

Model: Spring-loaded safety valve

Construction type: Angle Pattern

Housing material inlet side: Steel

Material quality inlet side: 1.0619+N

Housing material outlet side: Steel

Material quality outlet side: 1.0619+N

Connection inlet side: Flange

Pressure rating inlet side: PN40

Standard connection inlet side: EN 1092-1

Connection outlet side: Flange

Pressure rating outlet side: PN16

Standard connection outlet side: EN 1092-1

Blow-off characteristic: High-lifting

Gastight valve: Yes

Spring cap, closed: Yes

Material spring bonnet: Ductile cast iron

Material disc: 1.4122

Seat material: 1.4571

Bellows seal: No

Spring material: Spring steel [1.8159]

Spindle material: 1.4021+QT

Medium temperature: -10 / 450 °C

Application

- Vapours.
- Steam.
- Gasses
- With large quantities, can also be used for liquids.

Technical Information

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

Approval

- TÜV.
- PED.
- DNV.

Options

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

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range	Valve bore	Valve lifter	Sealing	Article
		bar	mm			
DN15	DN25	10 / 20	13	Closed	Metal	13392826
DN20	DN32	8.6 / 19	18	Closed	Metal	12616907
DN20	DN32	0.52 / 1	18	Closed	Metal	12616902
DN20	DN32	28.1 / 35	18	Closed	Metal	12616909
DN20	DN32	4.6 / 8.5	18	Closed	Metal	12616906
DN20	DN32	0.2 / 0.5	18	Closed	Metal	12616901
DN20	DN32	1.55 / 2.5	18	Closed	Metal	12616904

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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
DN20	DN32	19.1 / 28	18	Closed	Metal	12616908
DN20	DN32	1.05 / 1.5	18	Closed	Metal	12616903
DN20	DN32	2.55 / 4.5	18	Closed	Metal	12616905
DN20	DN32	35.1 / 40	18	Closed	Metal	12616910
DN25	DN40	34.1 / 40	22.5	Closed	Metal	12616922
DN25	DN40	9.1 / 16	22.5	Closed	Metal	12616918
DN25	DN40	28.1 / 34	22.5	Closed	Metal	12616921
DN25	DN40	0.2 / 0.5	22.5	Closed	Metal	12616911
DN25	DN40	22.1 / 28	22.5	Closed	Metal	12616920
DN25	DN40	5.1 / 9	22.5	Closed	Metal	12616917
DN25	DN40	1.05 / 1.5	22.5	Closed	Metal	12616913
DN25	DN40	16.1 / 22	22.5	Closed	Metal	12616919
DN25	DN40	1.55 / 2	22.5	Closed	Metal	12616914
DN25	DN40	0.52 / 1	22.5	Closed	Metal	12616912
DN25	DN40	2.75 / 3.6	22.5	Closed	Metal	12616916
DN25	DN40	2.05 / 2.7	22.5	Closed	Metal	12616915
DN25	DN40	3.7 / 5	22.5	Closed	Metal	13617981
DN32	DN50	16.1 / 22	29	Closed	Metal	12616932
DN32	DN50	0.2 / 0.5	29	Closed	Metal	12616923
DN32	DN50	5.1 / 9	29	Closed	Metal	12616930
DN32	DN50	1.55 / 2	29	Closed	Metal	12616926
DN32	DN50	3.7 / 5	29	Closed	Metal	12616929
DN32	DN50	28.1 / 34	29	Closed	Metal	12616934
DN32	DN50	2.05 / 2.7	29	Closed	Metal	12616927
DN32	DN50	1.05 / 1.5	29	Closed	Metal	12616925
DN32	DN50	9.1 / 16	29	Closed	Metal	12616931
DN32	DN50	22.1 / 28	29	Closed	Metal	12616933
DN32	DN50	0.52 / 1	29	Closed	Metal	12616924
DN32	DN50	2.75 / 3.6	29	Closed	Metal	12616928
DN40	DN65	22.1 / 28	36	Closed	Metal	12616945
DN40	DN65	1.55 / 2	36	Closed	Metal	12616938
DN40	DN65	5.1 / 9	36	Closed	Metal	12616942
DN40	DN65	2.75 / 3.6	36	Closed	Metal	12616940
DN40	DN65	34.1 / 40	36	Closed	Metal	12616947
DN40	DN65	9.1 / 16	36	Closed	Metal	12616943
DN40	DN65	0.2 / 0.5	36	Closed	Metal	12616935
DN40	DN65	16.1 / 22	36	Closed	Metal	12616944
DN40	DN65	0.52 / 1	36	Closed	Metal	12616936
DN40	DN65	2.05 / 2.7	36	Closed	Metal	12616939
DN40	DN65	1.05 / 1.5	36	Closed	Metal	12616937
DN40	DN65	3.7 / 5	36	Closed	Metal	12616941
DN40	DN65	28.1 / 34	36	Closed	Metal	12616946
DN50	DN80	16.1 / 22	45	Closed	Metal	12616957
DN50	DN80	2.75 / 3.6	45	Closed	Metal	12616953
DN50	DN80	1.55 / 2	45	Closed	Metal	12616951
DN50	DN80	34.1 / 40	45	Closed	Metal	12616960
DN50	DN80	22.1 / 28	45	Closed	Metal	12616958
DN50	DN80	3.7 / 5	45	Closed	Metal	12616954
DN50	DN80	2.05 / 2.7	45	Closed	Metal	12616952
DN50	DN80	5.1 / 9	45	Closed	Metal	12616955
DN50	DN80	0.52 / 1	45	Closed	Metal	12616949
DN50	DN80	0.2 / 0.5	45	Closed	Metal	12616948

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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
DN50	DN80	9.1 / 16	45	Closed	Metal	12616956
DN50	DN80	28.1 / 34	45	Closed	Metal	12616959
DN50	DN80	1.05 / 1.5	45	Closed	Metal	12616950
DN65	DN100	2.05 / 2.7	58.5	Closed	Metal	12616965
DN65	DN100	1.55 / 2	58.5	Closed	Metal	12616964
DN65	DN100	9.1 / 16	58.5	Closed	Metal	12616969
DN65	DN100	3.7 / 5	58.5	Closed	Metal	12616967
DN65	DN100	16.1 / 22	58.5	Closed	Metal	12616970
DN65	DN100	0.2 / 0.5	58.5	Closed	Metal	12616961
DN65	DN100	2.75 / 3.6	58.5	Closed	Metal	12616966
DN65	DN100	0.52 / 1	58.5	Closed	Metal	12616962
DN65	DN100	22.1 / 28	58.5	Closed	Metal	12616971
DN65	DN100	5.1 / 9	58.5	Closed	Metal	12616968
DN65	DN100	1.05 / 1.5	58.5	Closed	Metal	12616963
DN80	DN125	19.1 / 25	72	Closed	Metal	12616983
DN80	DN125	2.75 / 3.6	72	Closed	Metal	12616978
DN80	DN125	0.52 / 1	72	Closed	Metal	12616973
DN80	DN125	1.05 / 1.5	72	Closed	Metal	12616975
DN80	DN125	5.1 / 9	72	Closed	Metal	12616980
DN80	DN125	3.7 / 5	72	Closed	Metal	12616979
DN80	DN125	0.2 / 0.5	72	Closed	Metal	12616972
DN80	DN125	9.1 / 14	72	Closed	Metal	12616981
DN80	DN125	1.55 / 2	72	Closed	Metal	12616976
DN80	DN125	14.1 / 19	72	Closed	Metal	12616982
DN80	DN125	2.05 / 2.7	72	Closed	Metal	12616977
DN100	DN150	19.1 / 24	90	Closed	Metal	12616995
DN100	DN150	2.05 / 2.5	90	Closed	Metal	12616988
DN100	DN150	2.55 / 3	90	Closed	Metal	12616989
DN100	DN150	1.55 / 2	90	Closed	Metal	12616987
DN100	DN150	0.52 / 1	90	Closed	Metal	12616985
DN100	DN150	0.2 / 0.5	90	Closed	Metal	12616984
DN100	DN150	9.1 / 14	90	Closed	Metal	12616993
DN100	DN150	3.7 / 5	90	Closed	Metal	12616991
DN100	DN150	1.05 / 1.5	90	Closed	Metal	12616986
DN100	DN150	5.1 / 9	90	Closed	Metal	12616992
DN100	DN150	14.1 / 19	90	Closed	Metal	12616994
DN100	DN150	3.05 / 3.6	90	Closed	Metal	12616990
DN125	DN200	17.1 / 24	106	Closed	Metal	12617008
DN125	DN200	1.15 / 1.5	106	Closed	Metal	12616999
DN125	DN200	8.3 / 12	106	Closed	Metal	12617006
DN125	DN200	0.77 / 1.1	106	Closed	Metal	12616998
DN125	DN200	12.1 / 17	106	Closed	Metal	12617007
DN125	DN200	2.55 / 2.95	106	Closed	Metal	12617002
DN125	DN200	3 / 4	106	Closed	Metal	12617003
DN125	DN200	5.8 / 8.2	106	Closed	Metal	12617005
DN125	DN200	4.1 / 5.7	106	Closed	Metal	12617004
DN125	DN200	24.1 / 27	106	Closed	Metal	12619356
DN125	DN200	0.2 / 0.4	106	Closed	Metal	12616996
DN125	DN200	1.95 / 2.5	106	Closed	Metal	12617001
DN125	DN200	1.55 / 1.9	106	Closed	Metal	12617000
DN125	DN200	0.42 / 0.75	106	Closed	Metal	12616997
DN150	DN250	1.95 / 2.3	125	Closed	Metal	12617013

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DN150	DN250	0.2 / 0.5	125	Closed	Metal	12617009
DN150	DN250	16.1 / 21	125	Closed	Metal	12617021
DN150	DN250	1.55 / 1.9	125	Closed	Metal	12617012
DN150	DN250	21.1 / 26	125	Closed	Metal	12619357
DN150	DN250	5.6 / 7.4	125	Closed	Metal	12617018
DN150	DN250	3.35 / 4.1	125	Closed	Metal	12617016
DN150	DN250	2.75 / 3.3	125	Closed	Metal	12617015
DN150	DN250	2.35 / 2.7	125	Closed	Metal	12617014
DN150	DN250	4.2 / 5.5	125	Closed	Metal	12617017
DN150	DN250	0.52 / 1	125	Closed	Metal	12617010
DN150	DN250	7.5 / 11	125	Closed	Metal	12617019
DN150	DN250	1.05 / 1.5	125	Closed	Metal	12617011
DN150	DN250	11.1 / 16	125	Closed	Metal	12617020

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