

API , Type 526



## API

### Type 526

Safety valves from the API product group meet all the requirements of API 526 such as standardized capacity, nominal diameter, and center to face dimensions which offers 100% compatibility. Because of their robust construction, they are especially suitable for being constructed from special materials such as Duplex, Monel, and Hastelloy.

### Approvals



### Industries

- Oil and Gas Industry
- Chemical Industry
- Petrochemical Industry
- Energy
- Technical Gases

### Further Links

 [API Catalog \[DE\]](#)

 [Instructions \[DE, EN, FR, IT, SP, RU, CN\]](#)

 [Stückliste Type 526 \[DE\]](#)

API , Type 526

## Datasheet

Product info	Metric unit	US unit
Key feature	Fulfillment of API 526	Fulfillment of API 526
Nominal diameter inlet	DN 25 - DN 200	1" - 8"
Nominal diameter outlet		
Orifice	D - T	D - T
Pressure		
Actual orifice diameter d0	14 - 161,5 mm	0,551 - 6,36 in
Actual orifice area A0	154 - 20485 mm <sup>2</sup>	0,239 - 31,75 in <sup>2</sup>
Pressure	0,12 - 413,8 bar	2 - 6000 psig
Flange rating inlet	CL150 - CL2500	CL150 - CL2500
Temperature acc. to DIN EN	-270 to 550 °C	-454 to 1022 °F
Temperature acc. to ASME	-268 to 538 °C	-450 to 1000 °F
Body material	1.0619, 1.4408, 1.7357	SA 216 WCB, SA 351 CF8M, SA 217 WC6, SA 352 LCB, SA 351 CF3M, SA 995 Gr 4A CD3MN (Duplex), SA 494 M35-1 (Monel), SA 494 CX2MW (Hastelloy), SA 494 CW-6MC (Inconel)
KUB-Materials		
Valve connection	Flange acc. to ASME B 16.5 DIN EN 1092-1 JIS 2220	Flange acc. to ASME B 16.5 DIN EN 1092-1 JIS 2220
Bellows	INCONEL® 625	INCONEL® 625
Type of loading	Spring loaded	Spring loaded
Approvals	ASME Sec. VIII Div. 1, DGRL/DIN EN ISO 4126-1, DGRL/AD 2000-Merkblatt A2, AQSIIQ, EAC	ASME Sec. VIII Div. 1, DGRL/DIN EN ISO 4126-1, DGRL/AD 2000-Merkblatt A2, AQSIIQ, EAC
Specials		

API , Type 526

## Options

Feature		Option Code
Disc	metal sealing, 1.4404 stellited	J25
	with soft sealing O-ring CR „K”	J21
	with soft sealing O-ring EPDM „D”	J22
	with soft sealing O-ring FKM „L”	J23
	with soft sealing O-ring FFKM „C”	J20
	with soft sealing plate SP „T”	J49
	with soft sealing plate PCTFE „G”	J48
	with soft sealing plate PTFE „A”	J44
Seat/nozzle	Stellited seat / nozzle	L62
Bellows	Bellows: Inconel 625 / 2.4856	J82
	Bellows: Inconel 625/ conn.Parts 316L	J83
	High temperature equipment (only for type 5267)	J88
	Balanced Piston	K10
Caps and levers	Screwed cap H2	
	Screwed plain lever H3	
	Screwed packed lever H4	
	Bolted cap H1	K01
	Bolted lifting device H6	K06
Spring	heat resistant	X01 (Standard)
	stainless steel 1.4310	X04
	INCONEL X-750	X08
Test gag	for cap H2	J70
	for lifting device H4	J69
Bonnet	closed	
	open	
Heating jacket		-
Lift indicator	Lift indicator for lifting device H4 H4 (H6)	J39J93
Lift stopper	Lift stopper ring	J51
	Actuate screw H2	J52
	Actuate screw H4	J50
Butt-weld connection	Butt-weld connection	S05
Free of oil and grease	Free of oil and grease	J85
Bug screen	Bug screen	M70
NACE material test certificate	Sour gas resistance acc. to NACE MR0175;	N78
	Certificate acc. to DIN EN 10204-3.1	
	Sour gas resistance acc. to NACE MR0103;	N77
	Certificate acc. to DIN EN 10204-3.1	

## API , Type 526

22Cr Duplex Level 1 (Nozzle and disc)	K1AL43
22Cr Duplex Level 2 (Nozzle, disc, guide and spindle)	K1AL43K4DK3D
Monel 400 Body	H1B
Monel 400 Level 1 (Nozzle and disc)	L66L40
Monel 400 Level 2 (Nozzle, disc, guide and spindle)	L66L40K4AK3A
Hastelloy Body	H1C
Hastelloy Level 1 (Nozzle and disc)	L67L41
Hastelloy Level 2 (Nozzle, disc, guide and spindle)	L67L41K4BK3B
Inconel Level 1 (Nozzle and disc)	L69L42
Inconel Level 2 (Nozzle, disc, guide and spindle)	L69L42K4CK3C
Further combinations of materials until the complete valve	on request

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 Balanced Piston

Balanced Piston

 K10
 

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