Knife (Wafer) Ductil Iron 150 PSIG / Cast Steel WCB Class 150

Body Ductil Iron or Cast Steel A216 WCB
Specs according to MSS SP-81

Max working pressure:
Ductile Iron 150 PSIG | Acero WCB clase 150
Disk 304 or 316 stainless steel
Stem up (OS&Y) of 410 stainless steel
Seat elastometric BUNA N or EPDM or TEFLON

Maximum operating temperature:
BUNA-N 80 °C / EPDM -18°C (0°F) to 110°C (230°F) / RPTFE -20°C (-4°F) to 150°C (302°F)
Option:
High performance only metal seat class 150
From ten inch with gearbox operation
Diameters: 2" to 24"





* Reference photo

PRESSURE TEMPERATURE RATINGS FOR BODY CAST STEEL WCB

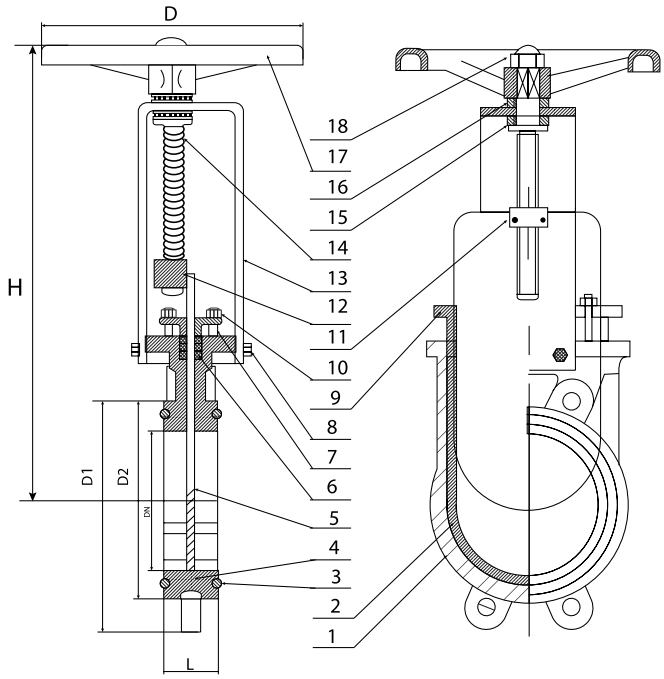
Temperature °F/°C	Pressure worked lbs/inch2 (PSI)
	Class 150
(-) 20 °F / (-) 29 °C to (+) 100 °F / (+) 38 °C	285
200 °F / 93 °C	260
300 °F / 149 °C	230
400 °F / 204 °C	200
500 °F / 260 °C	170
600 °F / 316 °C	140
650 °F / 343 °C	125
700 °F / 371 °C	110
750 °F / 399 °C	95
800 °F / 427 °C	80
850 °F / 454 °C	65
900 °F / 482 °C	50
950 °F / 510 °C	35
1000 °F / 538 °C	20

* Note : Dimensions, design and materials are subject to change without notice.

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MATERIALS

	PART NAME	MATERIAL
1	BODY	DUCTIL IRON / CAST STEEL
2	SEAT RING	EPDM/BUNA N/ RPTFE
3	ROUND RUBBER	EPDM
4	STEEL WIRE	A3
5	DISK	304 or 316
6	PACKING	GRAPHITE
7	MUD	A3
8	SCREW	A3
9	GLAND	WCB
10	NUT	A3
11	SCREW	A3
12	NUT	BRO
13	YOKE	A3
14	STEM	SS 410
15	BEARING	SCHANSB10-6
16	BEARING	SCHANSB10-6
17	HANDWHEEL	WCB
18	CAP NUT	A3



TEST API 598

DIMENSIONS (mm)

SIZE	L	D	D1	D2	H	WEIGHT (KG)
4″	51	203	191	157	394	12.50
6″	57	254	241	216	505	23
8″	70	356	298	270	587	32
10″	70	356	362	324	700	51
12″	76	457	432	381	806	70
14″	76	508	478	425	896	88
16″	89	508	540	492	991	135

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