


TECHNICAL DATA			
NOMINAL DIAMETER		DN50-DN200	DN200-DN500
NOMINAL PREESURE		1.6MPa	1.0MPa
TESTING PREESURE	SEALING	1.76MPa	1.1MPa
	SHELL	2.4MPa	1.5MPa

NOTE:  
 1. DIMENSIONS FOR MOUNTING FLANGE CONFORM TO BS EN 1092-2 PN10/PN16.  
 2. TEST:API 598

600	215.9	212.5	820	295	714	655	612.8	565.5	725	20	30	/	/	/
500	215.9	212.5	700	241	597	553.6	511.2	469.9	620	20	28	/	/	/
450	184.2	180.5	640	218	546	505.9	460.4	406.1	565	20	28	/	/	/
400	162	159	635	197	511	448.8	409.6	355.6	515	16	28	/	/	/
350	181	178	570	172	430	394.8	358.8	306.4	460	16	23	/	/	/
300	130.2	126	497	148	403	365.6	327	274.6	400	12	23	/	/	/
250	101.6	98	428	127	335	308.5	276.2	230.2	350	12	23	/	/	/
200	98.4	95	367	104	268	254.3	222.3	192.1	295	8	23	295	12	23
150	79.4	76	304	79	222	200.5	171.5	141.3	240	8	23	240	8	23
125	66.7	63	270	66	193	172	144.5	112.7	210	8	19	210	8	19
100	63.5	60	234	53	171	143.4	117.5	87.3	180	8	19	180	8	19
80	54	50	200	43	131	116.3	92.08	69.9	160	8	19	160	8	19
65	54	50	185	36	120	98.9	79.38	58.7	145	4	19	145	4	19
50	54	50	165	29	101	84.6	66.68	47.6	125	4	19	125	4	19
SIZE	H	H1	F	R	D	D1	D2	D3	L	N	d	L	N	d
									PN10			PN16		

9	WASHER	WASHER, TEFLON	4	
8	SHAFT PLUG	SS316	2	
7	SHAFT	SS316	1	
6	PLATE	ASTM B148 C95400/ASTM A351 CF8M	2	
5	SPRING	SS316	2	
4	LINER	EPDM/NBR/VITON	1	
3	SET SCREW	CARBON STEEL	1	
2	INSERT BODY	GGG40.3	1	
1	ALIGNMENT BODY	GGG40.3	1	
Itemref	Name	Material	Quantity	

DRN	Wang	WEIGHT		MATERIAL
CHK		SCALE		Check Valve
APP		DATE	07/23/2024	
				CC0023
				REV

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