

TECHNICAL REQUIREMENT

1. MANUFACTURE AND TEST ACCORDING TO KS B 2350:2006.

SPECIFICATION

DN	40-300A
NOMINAL PRESSURE	10K
SUITABLE TEMP °C	≤120
TEST PRESSURE MPa	SEAL(WATER) 1.6
	STRENGTH(WATER) 2.1
	BACK SEAL 1
MEDIUM	WATER, STEAM

DN	L	D	D ₁	B	Z-Ød	Ø
40	180±1.5	140	105	20	4-Ø19	Ø180
50	180±1.5	155	120	20	4-Ø19	Ø190
65	190±1.5	175	140	22	4-Ø19	Ø190
80	200±1.5	185	150	22	8-Ø19	Ø210
100	230±1.5	210	175	24	8-Ø19	Ø240
125	250±1.5	250	210	24	8-Ø23	Ø260
150	270±1.5	280	240	26	8-Ø23	Ø270
200	290±1.5	330	290	26	12-Ø23	Ø300
250	330±1.5	400	355	30	12-Ø25	Ø350
300	350±3	445	400	32	16-Ø25	Ø390

NO.	CODE	NAME	QTY	MATERIAL	1 PC TOTAL WEIGHT	NOTE
18		NUT	1	MANGANISE BRASS(HMn58-2-2)		
17	GB/T 95	FLAT WASHER	1	Q235 STEEL		
16	GB/T 6170	NUT	1	25#STEEL		
15	GB/T 6170	NUT	1	25#STEEL		
14	GB/T 6170	NUT	1	25#STEEL		
13	GB/T 5782	BOLT	1	35#STEEL		
12	GB/T 5782	BOLT	1	35#STEEL		
11		GASKET	1	STEEL-EXPANDED GRAPHITE		
10		PACKING	1	EXPANDED GRAPHITE		
9		DISC SEAL RING	1	CAC406/BRASS/304		
8		BODY SEAL RING	1	CAC406/BRASS/304		
7		STEM NUT	1	ZCuSn5Pb5Zn5(CAC406)		
6		STEM	1	2Cr13(STS420J1)		
5		GLAND	1	DUCTILE IRON		
4		HANDWHEEL	1	CAST IRON(GC200)		
3		DISC	1	CAST/DUCTILE IRON		
2		BONNET	1	CAST/DUCTILE IRON		
1		BODY	1	CAST/DUCTILE IRON		

YUANDA VALVE GROUP	
CO.,LTD.	
10K NON RISING GATE VALVE	
40-300A	
(KS)YDGT-10K-40-300A	

