



DIMENSION TABLE

DN	D1	D2	D3	T	L	H1	H2	WORM GEAR MODEL
200	200	355.6	219	5	580	320	178	KWG01
250	250	457.2	273	5	550	416	240	KWG02
300	337	508	325	6	630	426	278	KWG02-1S
400	387	660	426	6	838	470	373	KWG04-1S
500	489	812.8	530	7	970	580	441	KWG05-1S
600	591	1016	630	8	1140	697.5	556	KWG06-1S
700	686	1130	720	8	1346	715	619.5	KWG06-1S
800	781	1245	820	8	1524	820	677.5	KWG07-1S
900	874	1415	920	9	1727	945	769.5	KWG08-1S
1000	976	1576	1020	10	1950	986.5	870	KWG09-1S
1200	1166	1939	1220	12	2250	1169.5	1054.5	KWG09-1S
1400	1360	2070	1420	14	2400	1380	1270	KWG09-1S

NO.	DESCRIPTION	MATERIALS	Q'TY	REMARK
1.1	BODY	A516-60	1	
1.2	O RING	FPM	2	
2	BALL	A351-CF8	1	
3	END PIECE	A216-WCB	2	
4.1	SEAT RING	PTFE+C	2	
4.2	O RING	FPM	2	
4.3	SUPPORT RING	AISI1020	2	
4.4	COIL SPRING	SWOSC-V	64	
5.1	STEM	AISI410	1	
5.2	KEY	AISI1045	2	
5.3	SNAP RING	SK5M	1	
5.4	LOCK NUT	AISI1045+ENP.	1	
5.5	O RING	FPM	3	
5.6	THRUST RING	PTFE+C	5	
5.7	DRY BEARING	SPCB+PTFE	2	
5.8	THRUST BEARING	PTFE+C	1	
6.1	TOP FLANGE	AISI1020	1	
6.2	NECK	AISI1020	1	
6.3	HEX BOLT	B12.9	8	
7.1	TRUNNION	AISI410	1	
7.2	BOSS	AISI1020	1	
7.3	SOCKET HEAD SCREW	B10.9	1	
7.4	O RING	FPM	3	
7.5	DRY BEARING	SPCB+PTFE	1	
8	WORM GEAR	-	1	

* DESIGN DATA

- 1) DESIGN PRESS : PN16, PN25
- 2) DESIGN TEMP. : -20~200 °C
- 3) HYDRO SHELL TEST : DP * 1.5
- 4) HYDRO SEAT TEST : DP * 1.1
- 5) SURROUND TEMP. : -40~50 °C

DESIGNED by	CHECKED by	APPROVED by	SCALE	CLIENT
W.K Lee			1 / 1	TITLE DN400~DN1400 - PN16/PN25 BUTT WELDING END FULL PORT BALL VALVE
			UNIT	
07. 8. 28	07.	07.	mm	
				DRAWING No.
				3B1-F11800-025-00-G
				REV No.
				0