



DIMENSION TABLE

DN	D1	D2	D3	T	L	H1	H2	WORM GEAR MODEL
400	337	558.8	426	6	760	417	308.5	KWG03-1S
500	387	660	530	7	910	469.5	361	KWG04-1S
600	489	812.8	630	8	1065	580	441	KWG05-1S
700	591	1016	720	8	1346	697.5	556	KWG06-1S
800	686	1130	820	8	1524	715	619.5	KWG06-1S
900	781	1237	920	9	1727	820	672	KWG07-1S
1000	874	1415	1020	10	1950	955	772	KWG07-1S
1200	976	1630	1220	12	2250	1106	900	KWG09-1S
1400	1166	1939	1420	14	2400	1269	1054	KWG09-1S

NO.	DESCRIPTION	MATERIALS	Q'TY	REMARK
1.1	BODY	A516-60	1	ø1130xø1070x690L
1.2	O RING	FPM	2	ø6
2	BALL	A351-CF8	1	ø1050/SPHERE
3	END PIECE	A216-WCB	2	ø1130xø686x432L
4.1	SEAT RING	PTFE+C	2	ø776xø704x50L
4.2	O RING	FPM	2	ø721xø8.4
4.3	SUPPORT RING	AISI1020	2	ø775xø686x37L
4.4	COIL SPRING	SWOSC-V	64	ø25x35L
5.1	STEM	AISI410	1	ø129x477L
5.2	KEY	AISI1045	2	32x18x130L
5.3	SNAP RING	SK5M	1	STW110
5.4	LOCK NUT	AISI1045+ENP.	1	M130x25L
5.5	O RING	FPM	3	P110/ø5.7
5.6	THRUST RING	PTFE+C	5	ø110xø120x2t
5.7	DRY BEARING	SPCB+PTFE	2	DU110 50
5.8	THRUST BEARING	PTFE+C	1	ø110xø130x2t
6.1	TOP FLANGE	AISI1020	1	ø415x40L
6.2	NECK	AISI1020	1	ø176x225L
6.3	HEX BOLT	B12.9	8	M30x80L
7.1	TRUNNION	AISI410	1	ø186xø229.5L
7.2	BOSS	AISI1020	1	ø186x79.5L
7.3	SOCKET HEAD SCREW	B10.9	1	M12x35L
7.4	O RING	FPM	3	P100/ø5.7
7.5	DRY BEARING	SPCB+PTFE	1	DU100 50
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

DESIGNED by	CHECKED by	APPROVED by	SCALE	CLIENT
W.K Lee			1 / 1	TITLE DN400~DN1400 - PN16/PN25
07. 8. 28	07.	07.	mm	UNIT BUTT WELDING END
				DRAWING No. 3B1-R11800-025-00-G
				REV No. 0