

# GEAR BOX [JK-SQ]

## NORMAL POWER RATINGS

### 허용 전달 용량표

(Unit : kW)

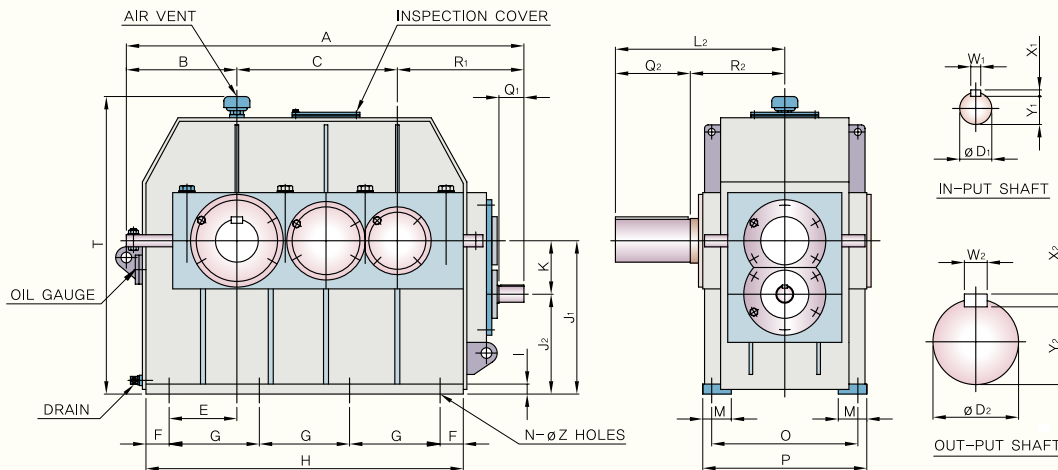
Ratio	n1 [ min <sup>-1</sup> ] r.p.m.	n2	Gear Reducer Frame No.														
			272	305	340	385	430	480	540	605	680	765	855	960	1080	1210	1360
	Transmitting Power																
100	1800	18	6.6	9.4	13.0	20.0	26.4	37	59	90	115	165	260	360	480	700	980
	1200	12	4.5	6.3	8.8	13.4	17.9	25.2	40	60	79	110	175	240	325	470	665
	900	9	3.4	4.8	6.6	10.1	13.5	18.9	30	45	60	85	130	182	240	350	505
	720	7.2	2.7	3.8	5.3	8.3	10.8	15.1	25	37	48	67	105	148	195	280	405
112	1800	16	5.8	8.2	12.0	18.5	24.5	34	53	77	100	150	230	325	430	615	820
	1200	10.7	3.9	6.0	8.3	12.8	16.5	22.8	35	53	70	100	153	215	290	415	580
	900	8	3.0	4.7	6.4	9.8	12.5	17.2	26.3	40	52	78	115	160	215	310	450
	720	6.4	2.4	3.6	5.0	7.5	10.0	14.0	21.6	32	41	61	94	133	170	250	360
125	1800	14.4	5.2	8.0	11.1	16.5	22.0	30	46	70	89	135	205	285	385	545	790
	1200	9.6	3.5	5.4	7.6	11.1	14.8	20.5	31	48	60	90	138	190	255	365	520
	900	7.2	2.6	4.1	5.8	8.4	11.1	15.5	23.6	36	45	67	105	145	190	275	390
	720	5.7	2.1	3.4	4.6	6.5	9.0	12.0	19.0	29.5	36	54	82	115	155	220	310
140	1800	12.8	4.7	7.1	10.3	14.5	20.0	26.6	42	63	80	120	183	265	340	490	720
	1200	8.5	3.1	4.9	6.8	10.1	13.7	18.4	28.5	43	53	80	125	175	225	330	520
	900	6.4	2.3	3.8	5.1	7.8	10.4	14.1	21.6	33	40	60	95	130	172	245	390
	720	5.1	1.8	3.0	4.1	5.8	8.3	11.5	17.2	26	32	50	75	108	140	200	310
160	1800	11.2	4.1	6.5	8.8	13.1	17.9	24.6	38	56	72	103	162	230	305	440	640
	1200	7.5	2.8	4.4	6.2	8.6	12.1	16.5	25.0	38	49	69	108	155	200	295	425
	900	5.6	2.1	3.4	4.8	6.4	9.1	12.5	18.5	28.3	37	52	80	118	150	220	320
	720	4.5	1.6	2.7	3.6	5.3	7.6	10.0	15.4	23.0	29.5	42	66	97	122	180	260
180	1800	10	3.7	5.7	8.1	11.7	15.6	22.0	34	51.0	65	89	145	200	265	395	565
	1200	6.6	2.5	3.9	5.4	7.8	10.6	14.8	22.8	34	43	61	95	135	175	265	375
	900	5	1.9	2.9	4.1	5.8	8.1	11.1	17.2	25.6	32	46	70	100	135	200	280
	720	4	1.5	2.3	3.3	4.7	6.4	9.0	14.0	20.8	26	37	59	83	108	148	230
200	1800	9	3.2	5.2	7.2	10.7	13.8	20.4	29.4	45	58	83	130	185	240	350	500
	1200	6	2.1	3.4	4.9	7.2	9.3	13.2	20.0	30	38	55	87	120	160	235	340
	900	4.5	1.6	2.6	3.7	5.4	7.1	9.8	15.1	23	29.0	41	65	90	120	175	255
	720	3.6	1.3	2.0	3.0	4.3	5.8	8.3	12.2	19	23.0	33	52	75	97	144	200
224	1800	8	2.8	4.5	6.3	9.4	12.6	17.3	26.8	41	51	75	116	165	215	320	445
	1200	5.3	1.9	3.1	4.2	6.3	8.3	11.9	18.0	27	34	50	78	112	145	215	300
	900	4	1.4	2.3	3.2	4.7	6.2	9.1	13.8	20.5	25.6	37	58	85	108	160	230
	720	3.2	1.2	1.8	2.7	3.8	5.1	7.2	11.2	16.5	20.5	30	48	68	86	130	180
250	1800	7.2	2.5	4.2	5.9	8.2	11.1	15.6	23.9	35	46	65	100	148	195	290	405
	1200	4.8	1.7	2.8	4.0	5.5	7.5	10.6	15.8	24.1	30	43	69	99	130	190	270
	900	3.6	1.3	2.1	3.0	4.1	5.7	8.1	11.8	18.2	23.0	33	52	74	98	145	200
	720	2.8	1.1	1.7	2.4	3.3	4.6	6.5	9.7	14.7	18.7	26.6	42	60	80	115	162
280	1800	6.4	2.3	3.1	4.9	7.2	10.3	14.2	21.0	32	41	58	90	130	175	250	350
	1200	4.2	1.6	2.1	3.4	4.9	6.8	9.7	14.2	20.2	27.7	40	60	87	115	165	235
	900	3.2	1.2	1.6	2.6	3.7	5.1	7.4	10.8	16.2	20.9	31	45	65	87	125	175
	720	2.5	0.9	1.2	2.0	3.0	4.0	5.8	8.6	13.3	16.5	23.7	36	52	70	100	140
315	1800	5.7	2.1	2.8	4.5	6.7	8.5	12.7	19	29.9	35	52	82	115	152	225	300
	1200	3.8	1.4	1.9	3.1	4.4	5.8	8.2	12.5	19.5	24.1	35	55	78	102	150	205
	900	2.8	1.0	1.4	2.3	3.3	4.4	6.1	9.4	14.5	18.2	26.3	41	58	77	110	155
	720	2.2	0.8	1.1	1.8	2.7	3.6	5.1	7.9	11.8	14.7	21.2	33	47	62	90	125
355	1800	5	1.9	2.5	4.1	5.9	7.5	10.7	16.2	21.3	32	41	75	103	138	189	246
	1200	3.3	1.3	1.7	2.7	3.9	5.3	7.2	10.8	14.6	21.6	27.7	49	69	93	126	165
	900	2.5	1.0	1.3	2.0	2.9	4.1	5.4	8.1	11.1	16.2	21.0	36	52	70	95	125
	720	2	0.7	1.0	1.6	2.3	3.1	4.4	6.5	9.0	13.0	16.9	30	42	56	75	100
400	1800	4.5	1.6	2.2	3.5	5.0	6.7	8.9	13.8	19.8	27.0	36	65	89	112	158	220
	1200	3	1.0	1.5	2.3	3.4	4.5	6.0	9.3	13.1	18.0	24.6	43	60	75	105	148
	900	2.2	0.8	1.1	1.7	2.6	3.4	4.5	7.0	9.7	13.5	18.5	32	45	56	77	111
	720	1.8	0.6	0.9	1.4	2.0	2.7	3.6	5.6	8.2	11.1	14.7	26	37	45	63	90
450	1800	4	1.3	1.9	2.7	4.5	6.1	8.0	12.1	17.3	26.2	33	52	79	98	138	196
	1200	2.6	0.9	1.3	1.8	2.9	4.1	5.4	8.1	11.9	17.2	22.3	35	53	66	94	133
	900	2	0.6	1.0	1.4	2.2	3.1	4.1	6.1	9.1	12.8	16.8	26.3	40	50	70	100
	720	1.6	0.5	0.8	1.1	1.8	2.5	3.3	4.8	7.2	10.0	13.3	21.2	32	40	56	79
500	1800	3.6	1.2	1.7	2.3	3.5	5.4	6.5	9.4	15.2	21.6	29.4	44	64	87	135	170
	1200	2.4	0.8	1.1	1.6	2.3	3.6	4.4	6.3	10.2	14.4	20.0	30	42	58	90	115
	900	1.8	0.5	0.8	1.2	1.7	2.7	3.3	4.8	7.7	10.8	15.2	23	32	44	67	88
	720	1.4	0.4	0.7	0.9	1.4	2.2	2.7	3.8	6.2	8.6	11.9	18.4	26	35	54	68

### Thermal Capacities

(Unit : kW)

Ratio	n1 [ min <sup>-1</sup> ] <sup>1</sup>	Gear Reducer Frame No.														
		272	305	340	385	430	480	540	605	680	770	860	960	1080	1210	1360
		Thermal Power														
Without cooling	720~1800	14.5	18.5	23.5	30	38	48	63	79	105	130	165	210	285	350	460

RIGHT ANGLE TYPE



Dimensions

(mm)

Frame No.	A	B	C	E	F	G	H	I	J1	J2	T	M	O	P	N	Z
SQ 272	732	195	272	120	45	170	600	20	180	117	370	70	240	280	8	18
SQ 305	820	225	305	140	45	190	660	20	200	130	420	70	260	300	8	18
SQ 340	900	245	340	150	55	210	740	25	225	145	470	80	280	330	8	23
SQ 385	1005	270	385	165	65	235	835	25	250	160	520	90	320	370	8	23
SQ 430	1115	295	430	195	60	270	930	25	280	180	580	90	360	430	8	27
SQ 480	1255	340	480	200	85	285	1025	25	315	203	650	90	390	450	8	27
SQ 540	1400	370	540	215	100	320	1160	25	355	230	735	100	430	510	8	33
SQ 605	1535	405	605	250	100	360	1280	35	400	260	825	100	470	550	8	33
SQ 680	1700	440	680	275	110	400	1420	35	450	290	930	150	520	610	8	39
SQ 765	1905	500	765	310	130	450	1610	35	500	320	1030	150	580	670	8	39
SQ 855	2105	540	855	335	145	500	1790	35	530	330	1090	170	640	740	8	45
SQ 960	2375	595	960	370	165	560	2010	40	600	375	1230	170	710	810	8	45
SQ 1080	2685	665	1080	420	185	630	2260	40	670	420	1370	190	790	900	8	52
SQ 1210	2990	750	1210	470	205	710	2540	40	750	470	1540	190	870	980	8	52
SQ 1360	3340	830	1360	530	225	800	2850	45	850	530	1740	220	1030	1160	8	62

Frame No.	K	Q1	R1	D1	W1	X1	Y1	L2	Q2	R2	D2	W2	X2	Y2	Weight (kg)	Oil (liter)
SQ 272	63	30	265	15k6	5	5	12	310	120	190	70m6	20	12	62.5	144	11
SQ 305	70	30	290	18k6	6	6	14.5	345	140	205	80m6	22	14	71	187	16
SQ 340	80	35	315	20k6	6	6	16.5	385	160	225	90m6	25	14	81	260	21
SQ 385	90	35	350	22k6	6	6	18.5	420	180	240	100n6	28	16	90	360	28
SQ 430	100	40	390	25k6	8	7	21	440	180	260	110n6	28	16	100	485	36
SQ 480	112	50	435	28m6	8	7	24	485	210	275	120n6	32	18	109	653	52
SQ 540	125	60	490	30m6	8	7	26	540	240	300	140n6	36	20	128	870	72
SQ 605	140	60	525	35m6	10	8	30	590	270	320	160n6	40	22	147	1180	104
SQ 680	160	80	580	40m6	12	8	35	620	270	350	170n6	40	22	157	1665	141
SQ 765	180	80	640	45m6	14	9	39.5	695	300	395	190n6	45	25	175	2290	196
SQ 855	200	90	710	50m6	14	9	44.5	780	350	430	220n6	50	28	203	3326	270
SQ 960	225	90	820	55m6	16	10	49	875	410	465	250n6	56	32	230	4450	405
SQ 1080	250	105	940	65m6	18	11	58	960	450	510	280n6	63	32	260	6070	462
SQ 1210	280	120	1030	70m6	20	12	62.5	1050	500	550	320n6	70	36	298	8220	713
SQ 1360	320	140	1150	80m6	22	14	71	1240	590	650	360n6	80	40	335	11790	1030