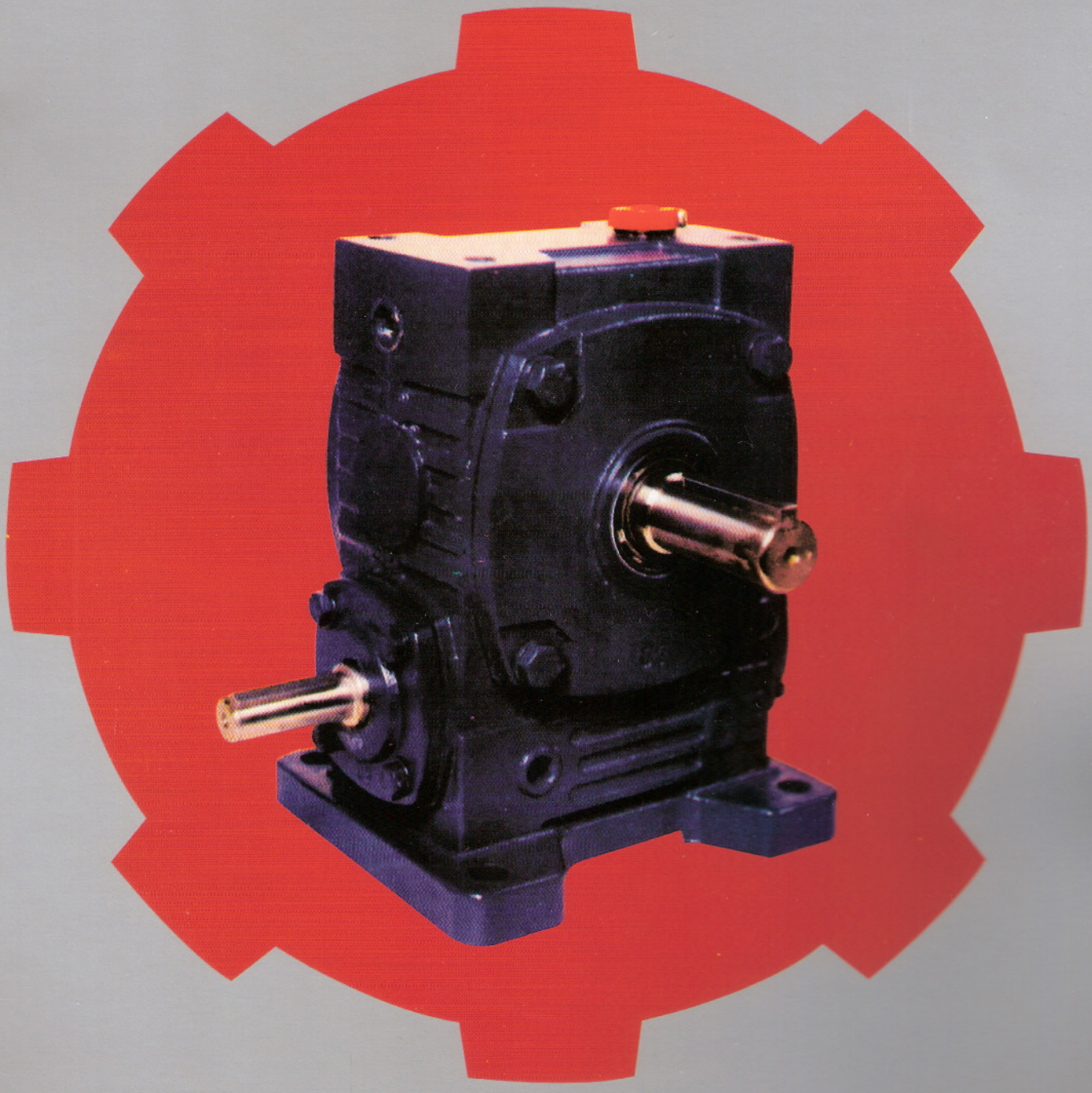
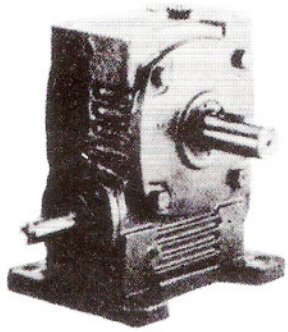
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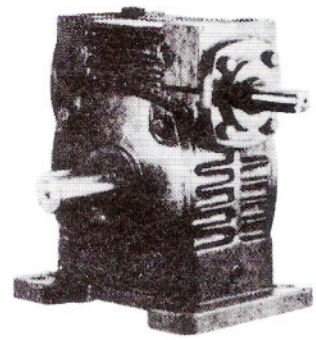
WORM GEAR SPEED REDUCERS

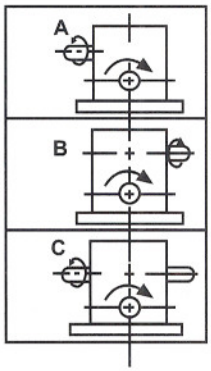


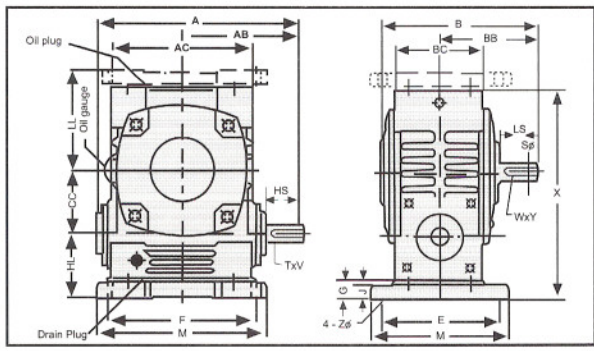
KA

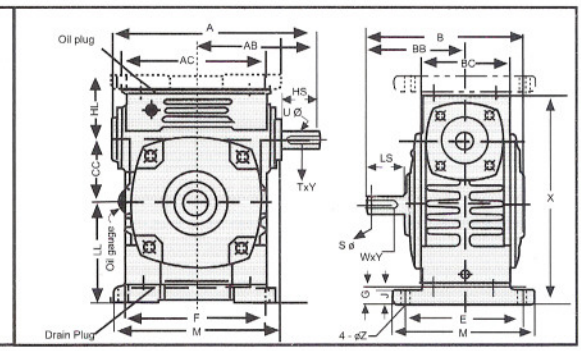


KR





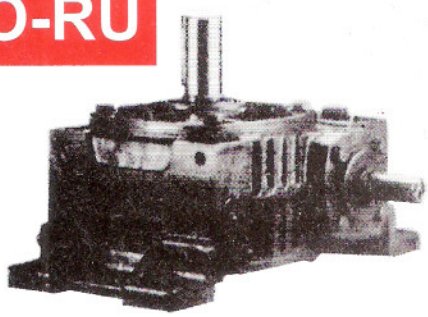


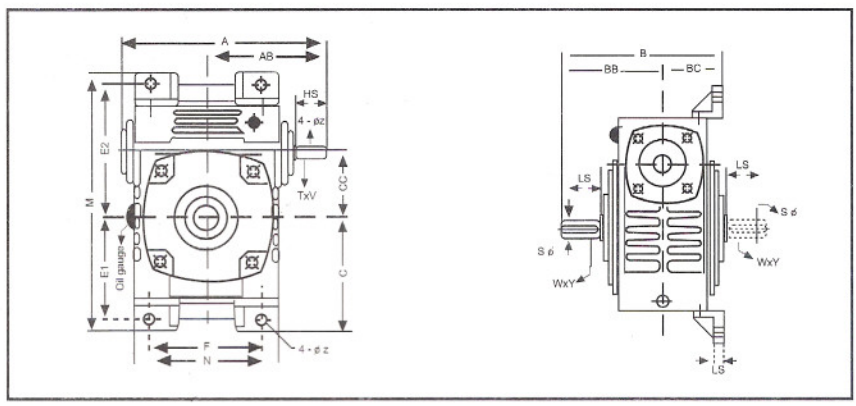


DIMENSION (in milimeter)

SIZE	RATIO	A	AB	AC	B	BB	BD	CC	E	F	H	HL	LL	M	N	J	G	Z	(Input Shaft)			(Output Shaft)		
																			HS	U	TxV	LS	S	WxY
40		160	96	102	130	84	68	40	90	100	140	47	66	110	125	11	13	10	28	12	4x2.5	35	15	5x3
50	1/10	175	105	115	145	95	68	50	95	110	165	50	80	120	140	13	15	11	30	12	4x2.5	40	17	5x3
60	1/20	195	120	127	165	110	78	60	105	120	195	60	93	130	150	15	18	11	40	15	5x3	50	22	7x4
70		234	140	156	195	130	88	70	115	150	225	70	105	150	190	18	20	15	40	18	5x3	60	28	7x4
80	1/30	264	160	176	210	140	101	80	135	180	252	80	112	170	220	18	20	15	50	22	7x4	65	32	10x4.5
100	1/40	322	190	227	260	170	115	100	155	220	315	100	140	190	270	22	25	15	50	25	7x4	75	38	10x4.5
120		385	230	265	290	190	135	120	180	260	395	120	180	230	320	22	25	18	65	30	7x4	85	45	12x4.5
135	1/50	435	260	300	320	210	145	135	200	290	455	135	215	250	350	28	30	18	75	35	10x4.5	95	55	15x5
155	1/60	507	302	330	387	252	160	155	220	320	490	135	235	280	390	31	35	20	85	40	10x4.5	110	60	15x5
175		550	325	370	407	262	185	175	250	350	555	160	260	310	420	36	40	20	85	45	12x4.5	110	65	18x6

KO-RU





DIMENSION (in milimeter)

SIZE	RATIO	A	AB	B	BB	BC	C	CC	E1	E2	F	M	N	G	Z	(Input Shaft)			(Output Shaft)		
																HS	U	TxV	LS	S	WxY
40		160	96	131	84	47	87	40	75	96	80	195	105	11	9	28	12	4x2.5	35	15	5x3
50	1/10	175	105	145	95	50	102	50	90.5	110.5	90	224	116	14	11	30	12	4x2.5	40	17	5x3
60	1/20	195	120	165	110	55	118	60	102	129	100	263	127	15	11	40	15	5x3	50	22	7x4
70		234	140	195	130	65	135	70	120	155	120	305	156	18	15	40	18	5x3	60	28	7x4
80	1/30	264	160	212	140	72	147	80	132	180	140	342	176	18	15	50	22	7x4	65	32	10x4.5
100	1/40	322	190	260	170	90	175	100	155	215	190	410	226	22	15	50	25	7x4	75	38	10x4.5
120		385	230	285	190	95	199	120	195	255	220	496	264	22	18	65	30	7x4	85	45	12x4.5
135	1/50	435	260	320	210	110	253	135	230	285	260	561	304	23	18	75	35	10x4.5	95	55	15x5
155	1/60	507	302	392	252	140	170	155	145	267	290	456	336	35	20	85	40	10x4.5	110	60	15x5
175		550	325	412	262	150	207	175	167	293	320	516	380	40	20	85	45	12x4.5	110	65	18x6

RATIO		1800 Rpm Input Speed				1500 Rpm Input Speed				1200 Rpm Input Speed				900 Rpm Input Speed				600 Rpm Input Speed				300 Rpm Input Speed			
		In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl
50	1/10	1.44	1.15	4.59	100	1.31	1.03	4.94	107	1.16	0.90	5.40	115	0.89	0.68	5.43	120	0.60	0.45	5.43	140	0.31	0.23	5.43	200
	1/20	0.65	0.48	3.85	130	0.58	0.43	4.13	140	0.51	0.37	4.48	155	0.43	0.31	4.94	170	0.32	0.22	5.43	200	0.17	0.12	5.43	200
	1/30	0.68	0.45	5.43	150	0.58	0.37	5.43	170	0.48	0.30	5.43	180	0.37	0.22	5.43	200	0.26	0.15	5.43	200	0.14	0.70	5.43	200
	1/40	0.44	0.28	4.50	170	0.40	0.25	4.80	180	0.35	0.21	5.16	200	0.28	0.17	5.43	200	0.20	0.11	5.43	200	0.10	0.05	5.43	200
	1/50	0.39	0.23	4.55	200	0.35	0.20	4.94	200	0.31	0.17	5.29	200	0.24	0.13	5.43	200	0.17	0.09	5.43	200	0.09	0.04	5.43	200
	1/60	0.31	0.18	4.35	200	0.28	0.16	4.60	200	0.24	0.13	4.87	200	0.21	0.11	5.34	200	0.15	0.07	5.43	200	0.08	0.03	5.43	200
60	1/10	2.32	1.87	7.44	98	2.08	1.66	7.95	104	1.88	1.47	8.80	110	1.57	1.21	9.68	121	1.23	0.93	11.1	140	0.66	0.48	11.6	200
	1/20	1.21	0.89	7.15	138	1.10	0.80	7.66	146	0.98	0.69	8.31	157	0.83	0.57	9.16	172	0.65	0.43	10.4	200	0.38	0.24	11.6	200
	1/30	1.14	0.78	9.31	151	1.05	0.70	10.0	159	0.92	0.59	10.6	172	0.78	0.48	11.6	189	0.54	0.32	11.6	200	0.30	0.19	11.6	200
	1/40	0.82	0.52	8.27	178	0.75	0.46	8.83	189	0.67	0.39	9.49	200	0.58	0.32	10.4	200	0.45	0.24	11.6	200	0.25	0.12	11.6	200
	1/50	0.77	0.49	9.70	200	0.70	0.43	10.2	200	0.62	0.37	11.0	200	0.40	0.23	9.22	200	0.31	0.17	10.3	200	0.19	0.09	11.6	200
	1/60	0.64	0.38	9.20	200	0.58	0.34	9.70	200	0.51	0.29	10.4	200	0.43	0.24	11.3	200	0.25	0.13	9.52	200	0.14	0.07	11.2	200
70	1/10	3.48	2.82	11.2	128	3.11	2.50	11.9	136	2.77	2.20	13.1	145	2.33	1.81	14.4	159	1.85	1.41	16.9	180	1.20	0.88	21.1	228
	1/20	1.93	1.47	11.7	178	1.75	1.31	12.5	188	1.55	1.14	13.6	202	1.31	0.94	15.0	222	1.02	0.71	17.1	255	0.65	0.43	20.6	300
	1/30	1.69	1.16	13.8	198	1.55	1.05	15.0	208	1.36	0.89	16.1	225	1.18	0.74	17.7	247	0.92	0.56	20.1	284	0.59	0.33	23.8	300
	1/40	1.24	0.82	13.1	233	1.13	0.73	14.0	247	1.01	0.63	15.0	266	0.86	0.51	16.5	293	0.67	0.39	18.6	300	0.43	0.23	21.9	300
	1/50	1.12	0.72	14.3	266	1.03	0.64	15.2	282	0.91	0.55	16.3	300	0.77	0.45	17.8	300	0.60	0.33	19.7	300	0.39	0.19	23.2	300
	1/60	0.94	0.58	13.9	289	0.86	0.51	14.6	300	0.76	0.43	15.6	300	0.65	0.36	17.0	300	0.50	0.26	18.6	300	0.32	0.15	22.0	300
80	1/10	4.93	4.01	15.9	180	4.43	3.58	17.0	191	3.89	3.12	18.6	204	3.30	2.59	20.6	224	2.63	2.02	24.1	264	1.70	1.26	30.1	321
	1/20	2.53	1.90	15.1	253	2.30	1.71	16.3	267	2.04	1.49	17.8	287	1.73	1.22	19.5	316	1.37	0.93	22.4	362	0.89	0.57	27.2	400
	1/30	2.38	1.66	19.8	277	2.15	1.47	21.1	294	1.90	1.28	22.9	316	1.65	1.06	25.3	345	1.31	0.80	28.7	398	0.84	0.47	34.0	400
	1/40	1.70	1.10	17.5	326	1.54	0.98	18.7	347	1.38	0.85	20.4	372	1.19	0.69	22.2	400	0.94	0.52	25.0	400	0.62	0.31	29.8	400
	1/50	1.57	1.01	20.1	364	1.43	0.90	21.6	385	1.28	0.77	23.1	400	1.09	0.63	25.1	400	0.85	0.47	28.0	400	0.55	0.28	33.0	400
	1/60	1.29	0.79	18.9	400	1.18	0.71	20.4	400	1.05	0.60	21.6	400	0.91	0.50	23.7	400	0.70	0.36	26.0	400	0.46	0.21	30.8	400
100	1/10	8.73	7.18	28.5	167	7.93	6.46	30.8	177	6.93	5.6	33.4	190	5.87	4.69	37.3	207	4.68	3.65	43.3	235	2.79	2.09	50.0	297
	1/20	5.02	3.93	31.2	239	4.57	3.54	33.8	252	4.03	3.09	36.9	269	3.40	2.53	40.3	297	2.67	1.93	46.2	240	1.52	1.04	50.0	435
	1/30	4.20	3.00	35.8	265	3.81	2.66	38.2	281	3.35	2.30	41.1	302	2.89	1.92	46.0	330	2.23	1.39	50.0	382	1.20	0.69	50.0	500
	1/40	3.17	2.20	35.1	316	2.86	1.96	37.4	336	2.54	1.71	40.9	359	2.03	1.28	46.0	397	1.71	1.04	50.0	458	0.92	0.52	50.0	500
	1/50	2.39	1.59	31.8	364	2.17	1.42	34.0	386	1.93	1.24	37.0	415	1.66	1.01	40.2	458	1.29	0.75	44.7	500	0.79	0.41	50.0	500
	1/60	1.96	1.27	30.4	400	1.79	1.14	32.7	424	1.59	0.97	34.9	458	1.37	0.79	38.1	500	1.05	0.58	42.0	500	0.68	0.34	49.8	500
120	1/10	13.8	11.4	45.7	177	12.6	10.4	49.6	184	11.0	9.02	53.8	198	9.38	7.55	60.1	214	7.46	5.86	69.9	241	4.64	3.51	84.0	305
	1/20	7.16	5.54	44.0	270	6.49	4.97	47.4	285	5.72	4.30	51.3	306	4.85	3.58	57.0	335	3.87	2.74	65.4	383	2.53	1.69	80.7	488
	1/30	6.66	4.82	57.5	285	6.00	4.28	61.3	302	5.31	3.70	66.3	325	4.55	3.09	73.9	354	3.65	2.34	83.9	408	1.97	1.17	84.0	531
	1/40	4.68	3.19	50.7	357	4.19	2.81	53.6	380	3.77	2.45	58.5	407	3.24	2.03	64.8	446	2.62	1.53	73.3	514	1.64	0.88	84.0	665
	1/50	3.93	2.74	54.5	404	3.54	2.43	58.0	429	3.15	2.12	63.4	459	2.69	1.72	68.7	508	2.09	1.28	76.5	588	1.24	0.70	84.0	700
	1/60	3.14	2.04	48.9	453	2.84	1.81	51.9	481	2.52	1.56	56.2	518	2.17	1.28	61.3	571	1.70	0.94	67.5	662	1.12	0.56	81.1	700

RATIO		1800 Rpm Input Speed				1500 Rpm Input Speed				1200 Rpm Input Speed				900 Rpm Input Speed				600 Rpm Input Speed				300 Rpm Input Speed			
		In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl	In Hp	Out Hp	Out Torque	Out Ohl
135	1/10	19.8	16.5	66.0	304	18.0	15.0	71.7	319	15.8	13.0	77.7	342	13.3	10.9	86.8	372	10.6	8.46	101	421	6.87	5.30	126	533
	1/20	11.3	9.11	72.5	426	10.3	8.19	78.2	449	8.97	7.03	83.9	484	7.69	5.92	94.3	528	6.05	4.51	107	605	3.88	2.76	131	772
	1/30	9.68	7.21	86.0	468	8.71	6.40	91.7	496	7.70	5.53	99.1	533	6.58	4.62	110	583	5.24	3.50	125	670	3.13	1.95	140	866
	1/40	6.98	5.08	80.8	566	6.37	4.54	86.8	599	5.60	3.92	93.6	645	4.80	3.27	104	707	3.81	2.45	117	814	2.43	1.45	138	950
	1/50	5.28	3.73	74.2	650	4.76	3.29	78.7	691	4.23	2.87	85.8	742	3.60	2.35	93.6	819	2.83	1.75	104	944	1.82	1.04	124	950
	1/60	4.15	2.80	67.0	724	3.75	2.48	71.2	769	3.31	2.15	77.0	827	2.84	1.76	84.1	912	2.21	1.29	92.6	950	1.45	0.77	111	950
155	1/10	32.9	27.3	105	1500	29.8	24.7	114	1500	26.4	21.7	125	1500	22.3	18.1	139	1500	17.8	14.3	165	1500	11.7	8.99	207	1500
	1/20	14.9	11.8	94.5	1500	13.5	10.6	102	1500	11.9	9.29	110	1500	10.0	7.70	122	1500	8.01	5.94	141	1500	5.18	3.65	174	1500
	1/30	13.3	9.78	112	1500	12.1	8.82	122	1500	10.4	7.55	130	1500	9.08	6.32	146	1500	7.24	4.87	168	1500	4.77	2.92	202	1500
	1/40	9.32	6.67	106	1500	8.26	5.86	112	1500	7.40	5.11	122	1500	6.28	4.22	134	1500	5.02	3.19	152	1500	3.25	1.91	182	1500
	1/50	7.13	4.97	98.9	1500	6.42	4.40	105	1500	5.76	3.84	114	1500	4.89	3.17	126	1500	3.90	2.37	141	1500	2.53	1.41	168	1500
	1/60	5.85	3.99	95.3	1500	5.37	3.57	102	1500	4.72	3.05	109	1500	3.94	2.48	118	1500	3.20	1.87	133	1500	2.10	1.12	160	1500
175	1/10	46.8	39.1	150	1770	42.5	35.4	163	1800	37.7	31.3	180	1800	31.7	26.0	200	1800	25.2	20.4	235	1800	16.6	12.9	297	1800
	1/20	22.8	18.2	141	1800	20.4	16.2	151	1800	18.0	14.2	165	1800	15.2	11.7	182	1800	12.1	9.15	212	1800	7.87	5.62	261	1800
	1/30	19.0	14.1	163	1800	17.2	12.7	176	1800	15.0	11.0	190	1800	12.9	9.20	212	1800	10.2	7.04	243	1800	6.73	4.23	293	1800
	1/40	13.2	9.60	149	1800	11.9	8.58	159	1800	10.4	7.36	171	1800	8.96	6.12	190	1800	7.10	4.65	216	1800	4.69	2.80	261	1800
	1/50	9.78	6.81	135	1800	8.74	6.03	144	1800	7.98	5.37	160	1800	6.64	4.32	171	1800	5.28	3.25	194	1800	3.46	1.94	231	1800
	1/60	8.23	5.74	132	1800	7.74	5.31	147	1800	6.62	4.41	152	1800	5.56	3.60	166	1800	4.45	2.70	187	1800	2.90	1.62	224	1800

KO - RD



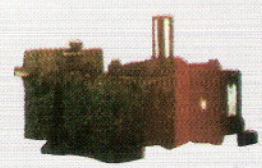
KA - DN



KA - DO



KOD- RU



KR - FN



KAD - FN



KOFN - HO



LB - KRFN



OIL QUANTITY

SIZE / MODEL	40	50	60	70	80	100	120	135	155	175
KA	0.22	0.40	0.55	0.83	1.40	2.65	4.80	6.30	7.50	12.60
KR	0.18	0.25	0.38	0.60	1.10	2.10	3.55	5.30	7.20	11.40
KO	0.22	0.37	0.45	0.70	1.25	2.50	4.00	5.80	7.40	12.30
KAD			0.73	1.08	1.65	3.03	5.40	7.40	9.60	16.50
KOD			0.63	0.95	1.50	2.88	4.60	6.90	9.50	15.85

DEALER