



**YOUR ONE-STOP
GEARBOX SOLUTION**
MANUFACTURER, EXPORTER &
TRUSTED PARTNER IN MOTION



ABOUT US

Established in 2020 in Ahmedabad, Gujarat, RAM Industries stands as a trusted name in the field of gearboxes and mechanical power transmission components.

The company has rapidly grown into a leading manufacturer and supplier, known for its commitment to quality, precision, and innovation.

At RAM Industries, we believe in delivering reliable and efficient engineering solutions that power progress across industries. Each product under the RAM brand reflects our dedication to performance, durability, and customer satisfaction.

With a strong focus on precision engineering, durability, and customer satisfaction, every product at RAM Industries is designed and manufactured using advanced technology and high-grade materials at our state-of-the-art facility.

Our expert engineering team collaborates closely with clients to understand their unique requirements and deliver tailor-made solutions that ensure optimum performance, reliability, and a long service life — making RAM Industries a trusted partner in power transmission excellence.

OUR MISSION

To engineer excellence by delivering high-performance, reliable, and cost-effective power transmission solutions that drive industrial growth. We are committed to continuous improvement, innovation, and customer satisfaction, ensuring every product bearing the RAM name meets the highest standards of quality and precision.

OUR VISION

To be recognized as a global leader in gearbox manufacturing and mechanical power transmission technology, known for our innovation, integrity, and engineering expertise.

We aim to build lasting relationships with our customers by providing ****sustainable, customized, and value-driven solutions**** that empower industries to move forward with confidence.

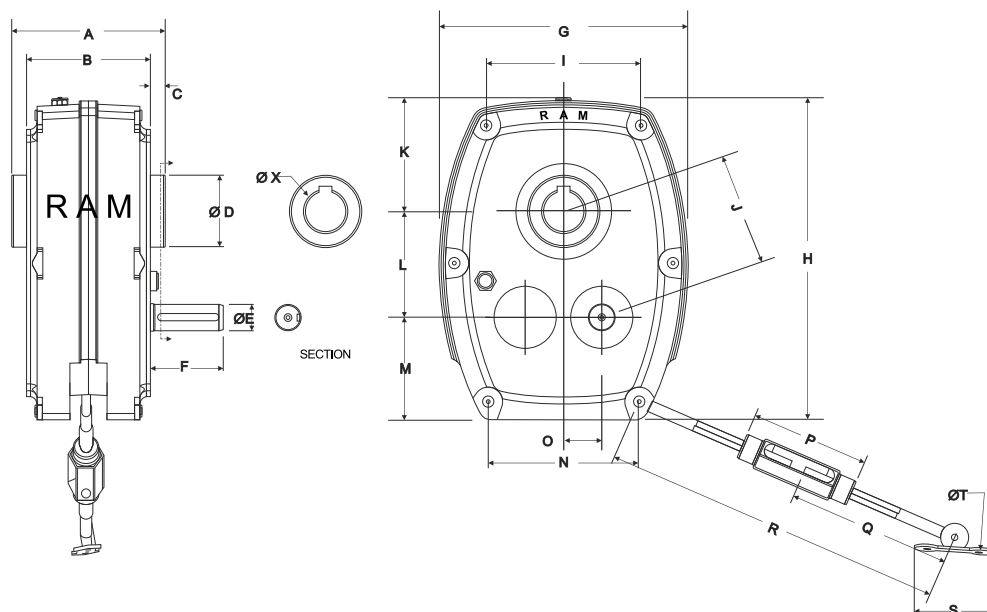


We don't just manufacture components —
we engineer solutions that power industrial
progress



SMSR GEARBOX

Power That Never Slip-
Reliable Torque,
Seamless Performance!

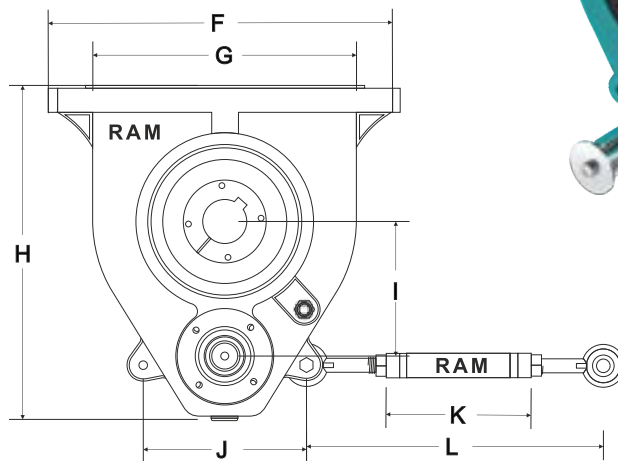
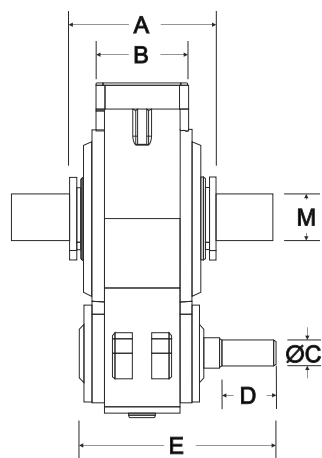


TYPE	INPUT SHAFT KEYWAY	A	B	C	D	E	F	G	H	I	J
C	6X3X60	147	108	19.5	65	22	65	220	280	125	95
D	8x4x65	158	122	18	75	25	78	260	330	153	116
E	8x4x70	170	132	19	85	28	87	287	377	175	133
F	10x5x75	190	150	20	95	32	90	321	416	204	150
G	10x5x90	225	180	22.5	105	38	106	466	362	226	165
H	14x5.5x95	250	200	25	120	48	120	425	552	235	200
J	16x6x100	260	200	30	200	54	135	425	552	245	280

TYPE	K	L	M	N	O	P	Q	R MIN X MAX	S	T	U
C	104	90	160	102	31	152	240	480 x 580	75	9	29
D	119	109	137	148	36	172	240	480 x 600	75	9	29
E	136	125	165	170	43	172	240	480 x 600	75	9	29
F	146	141	178	204	50	172	240	480 x 600	75	9	29
G	161	155	203	218	56	172	240	480 x 600	75	9	29
H	198	190	248	230	62	172	240	480 x 600	75	9	29
J	198	190	424	245	75	210	375	480 x 600	121	9	29

RVSM GEARBOX

V-TYPE Power-
Compact Design, Maximum Drive!



SR. No.	MODEL	RATIO	A	B	C	D	INPUT	E	F	G	H	I	J	K	L		BORE	APPROX	OIL
							SHAFT										(MAXIMUM)	WEIGHT	CAPACITY
							KEY SIZE								MIN.	MAX.		(KG.)	(LTR)
1	V1	6:1	205	149	48	85	14X14X75	295	570	426	540	217	364	210	460	610	85	128	8
2	V2	6:1	212	134	38	80	10X10X70	285	510	382	485	195	367	210	460	610	70	80	4.5
3	V3	6:1	195	105	38	75	10X10X65	270	396	296	375	152	184	210	460	610	60	51	2

GEAR UNIT		MOTOR (in) (HP)	MOTOR SPEED (RPM)	CONVEYOR SPEED (RPM)	GEAR PULLEY SIZE	MOTOR PULLEY SIZE
MODEL	RATIO					
V1	6:1	15.20.25	1440	75	16"X2B	5"X2B
V2	6:1	7.5,10,15	1440	75	16"X2B	5"X2B
V3	6:1	3,5,7.5	1440	75	16"X2B	5"X2B
V1	6:1	15.20.25	1440	66	18"X2B	5"X2B
V2	6:1	7.5,10,15	1440	66	18"X2B	5"X2B
V3	6:1	3,5,7.5	1440	66	18"X2B	5"X2B
V1	6:1	15.20.25	1440	60	20"X2B	5"X2B
V2	6:1	7.5,10,15	1440	60	20"X2B	5"X2B
V3	6:1	3,5,7.5	1440	60	20"X2B	5"X2B

MODEL	FLANGE TYPE TAPER-LOCK BUSH HOLE (in mm)		HUB KEYWAY (in mm)
V1	85		22X6
	75		22X6
	70		20X5
	65		18x4.5
	76.2(3")		19X9.5
V2	63.5(2.5")		15.9X7.9
	70		20X5
	65		18X4.5
	60		18x4.5
	55		16x4.5
	50		14X4
	63.5(2.5")		15.9X7.9
V3	50.8(2")		12.7X6.35
	60		18x4.5
	55		16X4.5
	50		14x4
	45		14x4
	50.8(2")		12.7X6.35

WORM REDUCTION GEARBOXES



Ever since RAM'S establishment 15 years ago, we have strived to achieve new frontiers of technical excellence. Gear units are manufactured in different sizes and Ratio is adaptable, RU and Fix Foot mounting type. It is available from 44.5 mm to 304.8 mm centre distance and 5: 1 to 70:1 in single stage and up to 4900: 1 in double stage.

Gear Case

Gear case has abundant ribs which augment heat dissipating area. It is robust in construction, made of close-grained cast iron. It is completely oil-tight and dust-proof.

Worm/ Worm wheel

The worm is made of case-hardening alloy steel. Worms are generated on thread milling machines, gas carburized and profile ground. Worm wheels are made of phosphorous bronze. Worm wheels are hobbled on precision hobbing machines. Gear design ensures uniform transmission of angular velocity under all load conditions with higher efficiency.

Bearings

The worms and worm wheels are sustained on ball or roller bearings of Sufficient margin of safety to permit adequate thrust loads.

Wheel Shaft

The wheel shaft is made of high Tensile carbon steel. It is of large diameter to hold the torsional as well as bending loads.

Lubrication

Lubrication of gears and bearings is by splash Of oil from the sump. Oil is not supplied with the gear unit. Occasional topping- Up of oil is required. Branded oil seals are fitted on input and output shafts. First change of oil should be made after 500 hrs of operation. Subsequent oil change must be made after 3000 hrs of operation/12 months(whichever is earlier).

Synthetic lubrication is also available up to 3.0"gear units.

Gear units are satisfactorily operational in cement, chemical, plastic and other numerous industries. Units will work safely provided that they are selected, installed, used and maintained properly



SERVICE FACTORS

Prime Mover	Duration of Service	Nature of Load		
		Uniform	Moderate Shock	Heavy Shock
Electric motor	8 hours/day	0.90	1.10	1.50
	12hours/day	1.00	1.30	1.60
	24hours/day	1.30	1.50	1.80

DATA REQUIRED FOR THE SELECTION OF GEAR UNITS

01. Type of unit required (i.e. under driven, over driven, Hollow shaft, Upward Downward)
02. Power to be transmitted in HP or kw.
03. Service Factor.
04. State input/output speed of gear unit.
05. Hours of Operation per day.
06. Peak or Shock load giving magnitude and duration wherever possible.
07. Type of drive machine.
08. Type of drive, for instance V- Belt, spur gear or coupling.
09. Ambient Temperature, if higher than 400 °C
10. Mounting & Handing Position.

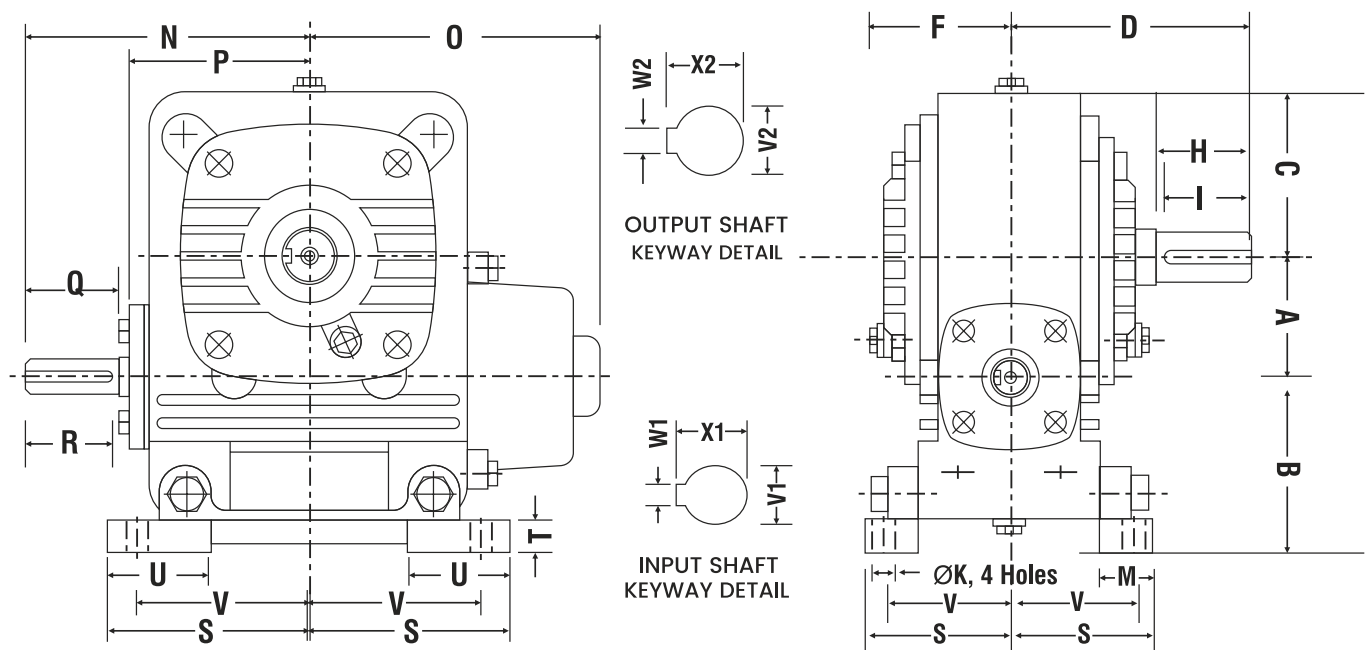
NOMINAL POWER RATING - HP

NOMINAL INPUT	RATIO RPM	1.75	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10.0	12.0
5:1	1500	01.35	01.98	03.04	06.60	09.10	15.12	24.10	40.70	57.60	71.10	86.40	9600	120.00
	1000	01.14	01.53	02.25	04.70	06.75	11.52	19.80	28.70	41.04	52.00	62.10	70.00	91.00
	750	00.99	01.40	01.80	03_80	05.60	09.90	15.75	22.50	33.75	42.30	53.10	67.00	74.15
10:1	1500	00.90	01.35	02.11	04.32	08.20	09.00	17.20	24.75	33.75	43.20	56.80	72.00	99.80
	1000	00.72	00.99	01.88	03.42	05.50	07.50	14.70	20.50	29.00	38.00	51.00	56.90	8360
	750	00.68	00.87	01.25	02.98	04.70	06.00	12.20	17.50	23.50	31.00	42.00	45.50	67 40
15:1	1500	00.77	01.18	01.76	03.42	05.04	07.00	12.00	22.00	27.50	39.40	48.00	63.50	91.00
	1000	00.63	00.86	01.40	02.61	04.40	05.30	09.50	16.00	23.00	30.00	39.00	47.70	66.80
	750	00.55	00.83	01.05	02.25	03.62	04.30	07.90	14.00	17.50	24.50	33.00	37.50	53.00
20:1	1500	00.59	00.86	01.31	02.61	03.96	06.20	11.10	17.00	22.00	30.00	38.00	48.70	73.20
	1000	00.48	00.66	01.11	02.20	03.42	04.40	08.60	13.00	17.00	22.00	32.80	36.80	54.00
	750	00.46	00.60	00.86	01.86	02.94	03.70	07.10	11.20	14.00	19.00	25.50	29.80	43.00
25:1	1500	00.58	00.74	01.17	02.07	03.60	04.90	09.50	15.00	20.50	27.00	32.00	43.50	64.00
	1000	00.45	00.61	00.95	01.84	03.00	03.70	06.70	11.00	16.00	20.50	29.00	32.00	47.00
	750	00.42	00.53	00.68	01.42	02.43	03.40	05.50	09.20	12.60	17.00	22.60	25.80	38.00
30:1	1500	00.49	00.72	01.13	01.98	03.24	04.40	07.90	12.20	17.50	21.50	27.75	39.10	54.50
	1000	00.40	00.57	00.90	01.74	02.69	03.40	06.20	10.00	13.00	17.00	25.00	29.50	41.00
	750	00.38	00.50	00.60	01.38	02.25	02.70	05.00	08.10	10.50	14.00	19.80	23.40	32.60
40:1	1500	00.45	00.67	00.90	01.62	02.70	03.70	06.20	10.20	13.50	13.50	22.50	30.80	44.50
	1000	00.33	00.53	00.81	01.36	02.32	02.60	04.90	07.50	10.50	10.50	21.00	23.00	32.80
	750	00.31	00.44	00.52	01.12	01.94	02.10	03.90	06.20	09.00	09.00	15.00	18.50	26.20
50:1	1500	00.32	00.54	00.81	01.30	02.48	02.80	05.00	08.50	12.60	12.60	20.00	24.90	37.10
	1000	00.26	00.43	00.72	01.01	02.00	02.10	04.00	06.40	09.80	09.80	16.40	18.80	27.60
	750	00.24	00.35	00.40	00.84	01.70	01.80	03.40	05.60	08.20	08.20	13.50	15.20	22.00
60:1	1500	00.29	00.45	00.78	01.04	02.25	02.40	04.30	07.00	10.50	10.50	18.00	22.00	32.20
	1000	00.23	00.37	00.60	00.90	01.60	01.80	03.40	05.30	08.00	08.00	14.10	16.80	23.50
	750	00.21	00.30	00.35	00.75	01.50	01.60	02.75	04.50	07.00	07.00	12.00	13.60	18.80
70:1	1500	00.18	00.41	00.68	00.90	01.80	02.20	03.70	06.00	08.50	08.50	13.50	19.80	27.00
	1000	00.13	00.30	00.40	00.80	01.42	01.50	03.00	05.00	07.40	07.40	10.80	15.00	22.70
	750	00.12	00.22	00.30	00.64	01.20	01.40	02.50	03.85	05.80	05.80	07.90	12.00	17.00

APPROXIMATE OIL CAPACITY IN LITRES

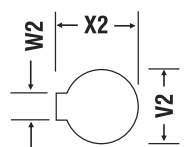
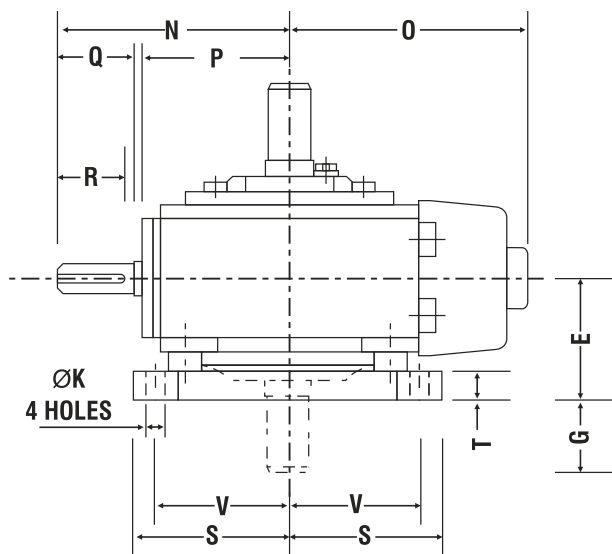
	1.75"	2.0"	2.25"	2.5"	3.0"	3.5"	4.0"	5.0"	6.0"	7.0"	1.75"	9.0"	10.0"	12.0"
HORIZONTAL (U)	0.2	0.25	0.45	0.55	1.0	2.5	3.25	4.0	5.0	9.5	0.2	16	21	25
VERTICAL	0.25	0.3	0.7	0.85	1.4	3.5	4.0	5.7	8.5	18	0.25	25	26	32

RAM ADAPTABLE HORIZONTAL GEAR BOX

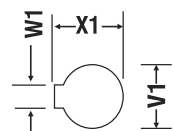


SIZE	OVERALL DETAILS											FIXING DETAILS								SHAFT DETAILS									
	A	B	C	D	F	E	G	N	O	P	J1	J2	K	L	V	S	T	Q	R	X1	W1	V1	H	I	X2	W2	V2		
1.75	44.5	56.5	73	110	57	78	32	120	120	72	84	108	10	78	78	90.5	15	41	38	19	6	16	43	40	22	6	19		
2.0	50.8	67	78.2	123	57	82	41	135	135	79.5	84.5	126.5	10.5	80	80	91.5	20	45	40	19	6	16	58	52	28	6	25		
25	63.5	82	96.5	149	77	102	47	167	167	104	108.5	153.5	11	107.5	107.5	120	25	55	50	22	6	19	60	57	36	8	32		
3.0	76.2	111.4	112.4	152.5	80.5	95.5	57	180	185	115	111.5	187.5	14	102.5	102.5	120	23	60	57	25	6	22	60	55	36	8	32		
3.5	88.9	96.6	120.5	181	106	113	68	207.5	233	127	124	188.9	14	116	116	136	24	72	65	29	6	26	75	70	43	10	38		

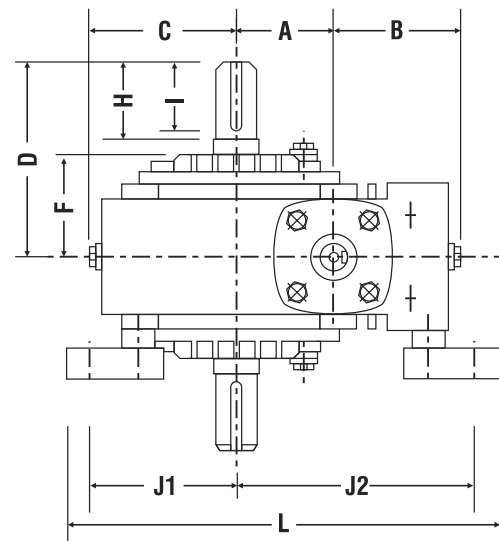
RAM ADAPTABLE VERTICAL GEAR BOX



OUTPUT SHAFT
KEYWAY DETAIL

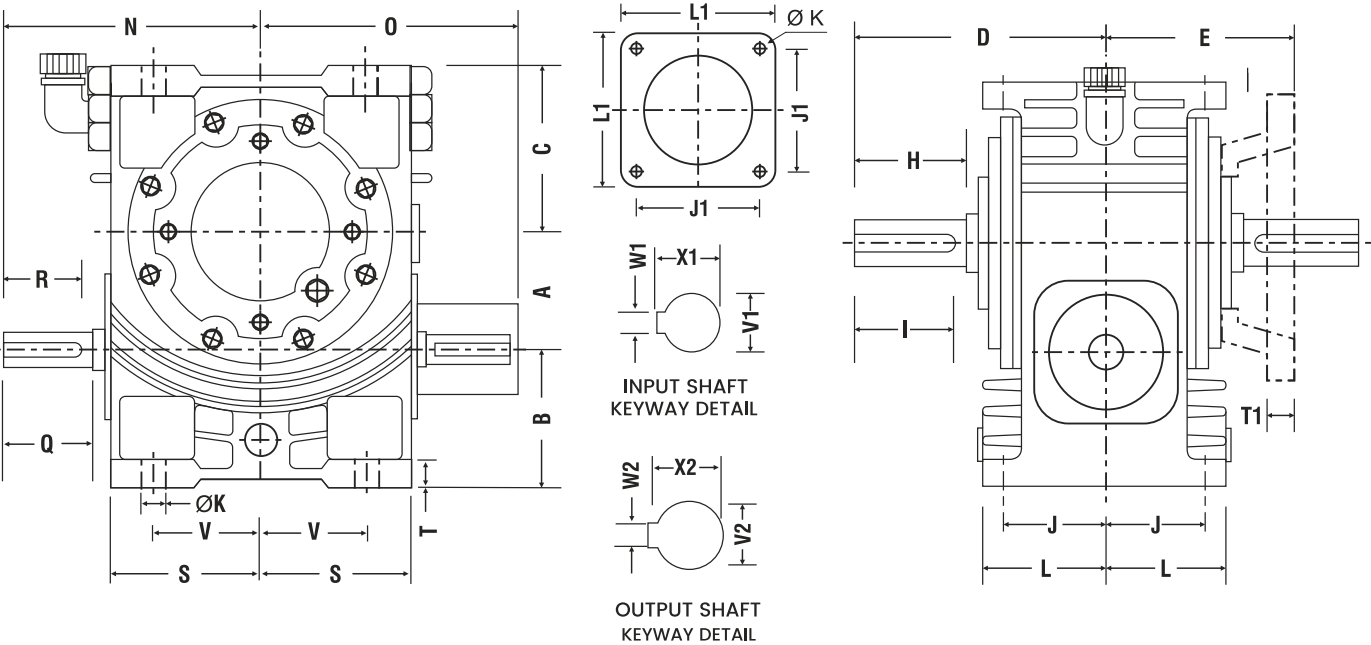


INPUT SHAFT
KEYWAY DETAIL



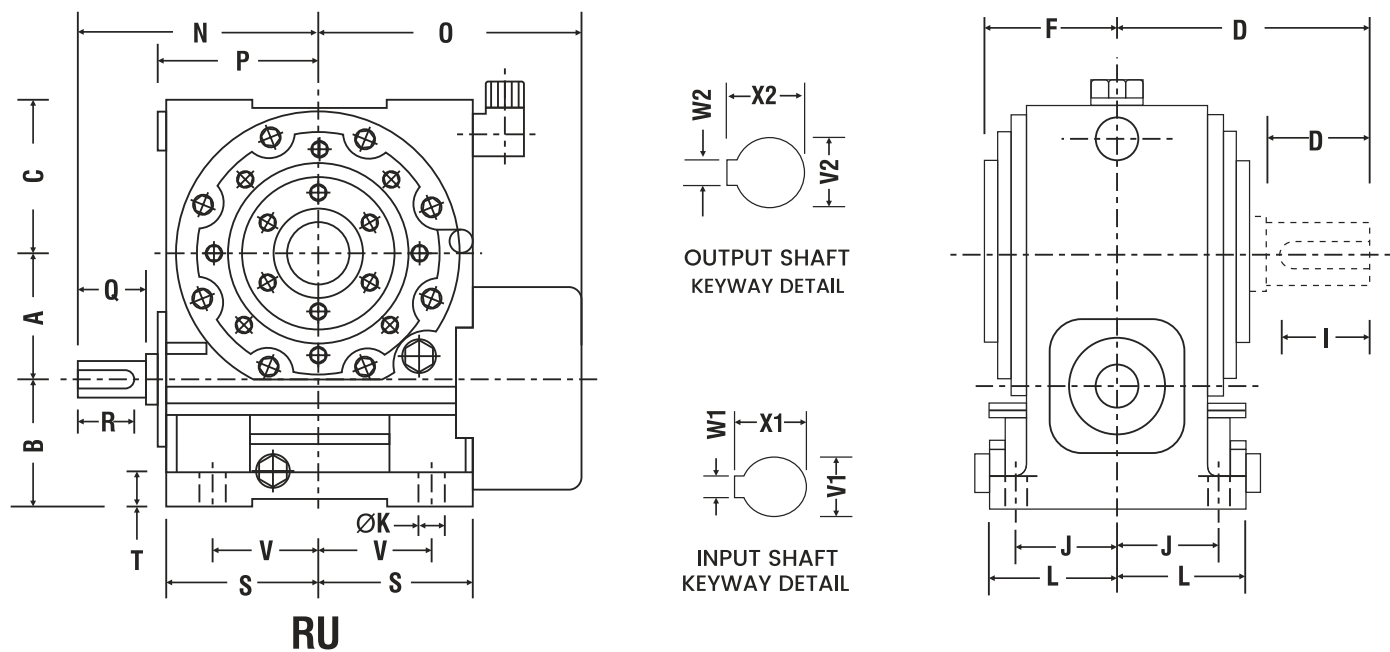
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1.75	44.5	56.5	73	110	57	78	32	120	120	72	84	108	10	78	78	90.5	15	41	38	19	6	16	43	40	22	6	19	
2.0	50.8	67	78.2	123	57	82	41	135	135	79.5	84.5	126.5	10.5	80	80	91.5	20	45	40	19	6	16	58	52	28	6	25	
25	63.5	82	96.5	149	77	102	47	167	167	104	108.5	153.5	11	107.5	107.5	120	25	55	50	22	6	19	60	57	36	8	32	
3.0	76.2	111.4	112.4	152.5	80.5	95.5	57	180	185	115	111.5	187.5	14	102.5	102.5	120	23	60	57	25	6	22	60	55	36	8	32	
3.5	88.9	96.6	120.5	181	106	113	68	207.5	233	127	124	188.9	14	116	116	136	24	72	65	29	6	26	75	70	43	10	38	

RAM UNIVERSAL MOUNTING (RU)



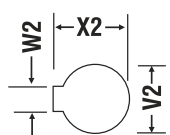
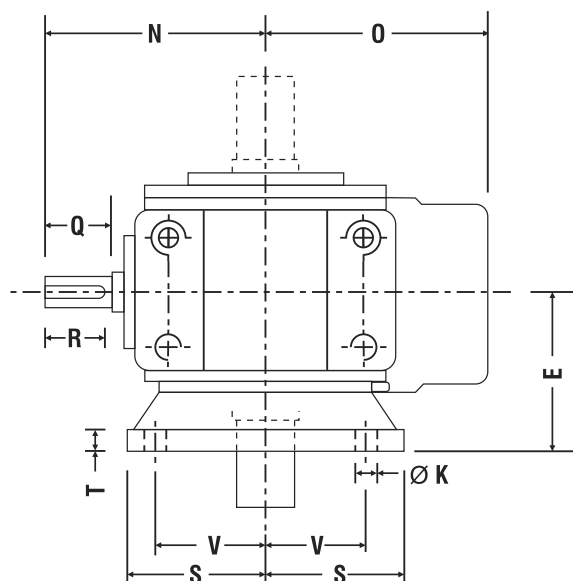
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2.25	57.15	70	85	136	100	142	142	52.5	11	66	52.5	76	14	120	150	14	50	45	25	6	22	60	55	29	8	25
3.0	76.2	96	105	152	125	165	165	80	14	97.5	70	92.5	20	200	240	16	50	45	29	8	25	75	70	42	8	38

RAM UNIVERSAL MOUNTING (RU)

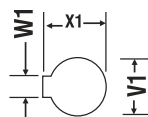


SIZE	OVERALL DETAILS								FIXING DETAILS						SHAFT DETAILS									
	A	B	C	D	F	N	O	P	J	K	L	V	S	T	Q	R	X1	W1	V1	H	I	X2	W2	V2
3.5	88.9	105	110	200	105	200	210	130	97	18	120	119	142	22	65	60	29	8	25	90	85	45	10	40
4.0	101.6	108	120.4	215	110.5	208.5	217	137.5	80	18	100	90	125	25	60	58	40	10	35	90	85	50	10	45
5.0	127	118	45	247	127.5	238.5	254.5	168.5	105	20	127.5	123	153.5	30	60	58	40	10	35	100	95	57	14	50
6.0	152.4	127	175.6	253	117	280.5	280.5	192.5	120.5	23	151	133	177.5	33	75	72	43	10	38	110	104	66	16	58
7.0	177.8	146	200.2	287	160	311	345	222	133	23	170	153	200	36	82	79	43.5	12	40	130	127	69.5	18	65
8.0	203.2	146	224.8	312	175	342	368	255	133	27	170	171.5	220	40	88	85	49	14	45	140	137	75	20	70

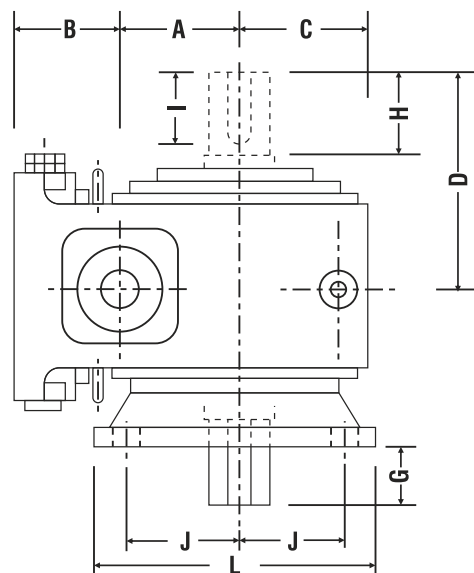
RAM UNIVERSAL MOUNTING (RVU)



OUTPUT SHAFT
KEYWAY DETAIL

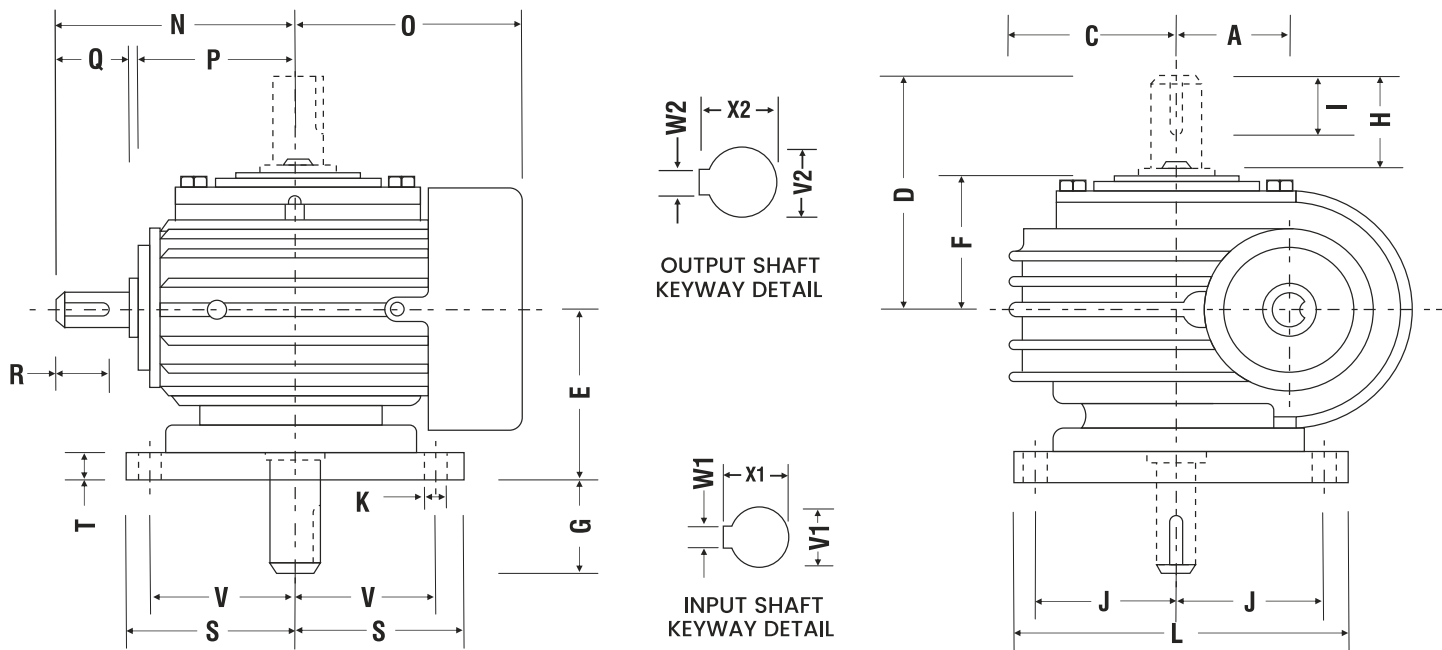


INPUT SHAFT
KEYWAY DETAIL



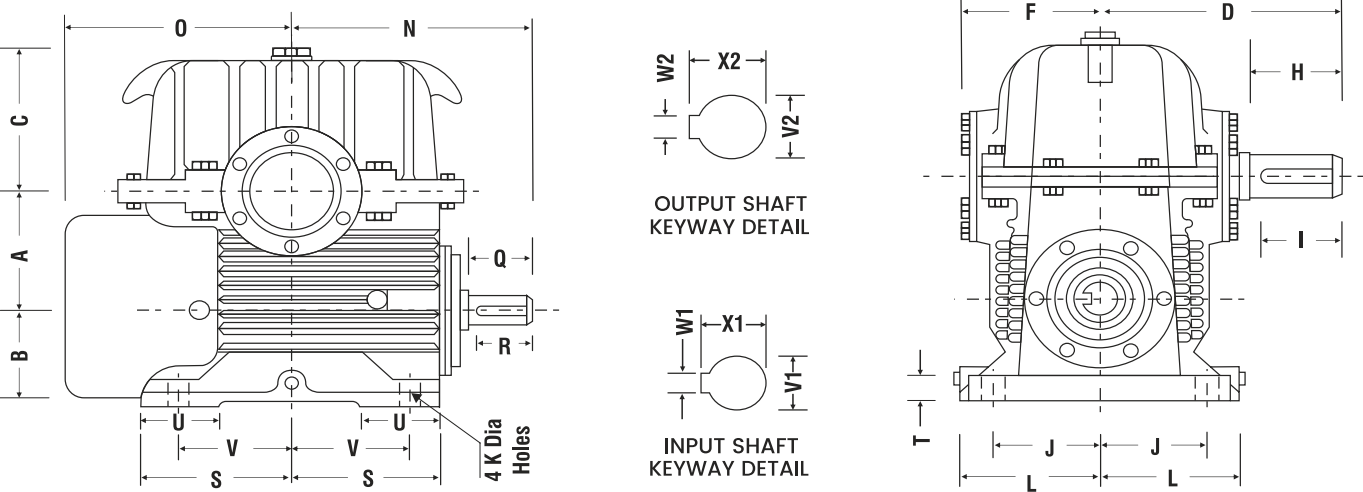
SIZE	OVERALL DETAILS								FIXING DETAILS						SHAFT DETAILS									
	A	B	C	D	E	G	N	O	J	K	L	V	S	T	Q	R	X1	W1	V1	H	I	X2	W2	V2
4.0	101.6	108	140	215	147.5	67.5	208.5	217	117.5	17	280	117.5	140	23	60	58	40	10	35	90	85	10	10	45
5.0	127	118	160	247	166	81	239	255	132.5	19	320	132.5	160	26	60	58	40	10	35	100	95	14	14	50
6.0	152.4	127	175	253	159	94	280.5	280.5	135	21	350	135	175	24	75	72	43	10	38	110	104	16	16	58
7.0	177.8	146	200.2	287	200	87	311	345	160	27	400	160	200	40	82	79	43,5	12	40	130	127	18	18	65
8.0	203.2	146	224.8	312	220	92	342	368	180	27	440	180	220	40	88	85	49	14	45	140	137	20	20	70

RAM FOOT MOUNTING UNDER VERTICAL (RFMV)



SIZE	OVERALL DETAILS										FIXING DETAILS					SHAFT DETAILS									
	A	C	D	F	E	G	N	O	P	J	K	L	V	S	T	Q	R	X1	W1	V1	H	I	X2	W2	V2
4.0	177.8	222	298	166	200	91	311	301	226	160	26	400	160	200	40	80	78	51	12	45	120	110	69.5	18	65
5.0	203.2	244	311	172	220	92	342	342	251	180	26	440	180	220	45	85	80	51	12	45	130	120	75	20	70
6.0	228.6	272	343	180	240	86	375	347	277	205	26	490	205	245	50	95	90	54	14	50	131	125	80	20	75
7.0	254	320	375	202	260	94	450	401	232	260	33	560	260	280	55	115	100	59.5	16	55	188	170	91	22	85
8.0	304.8	350	413	216	280	107	485	431	357	317.5	33	620	317.5	310	60	115	110	64.5	18	60	170	165	100.5	25	95

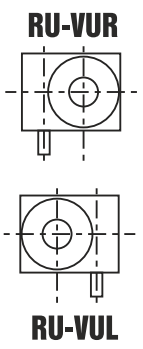
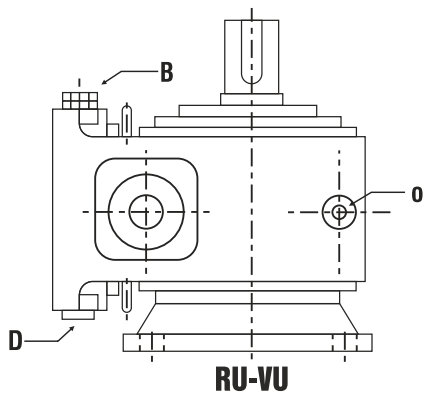
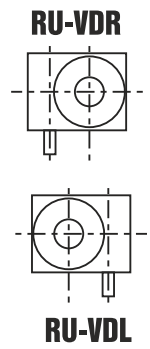
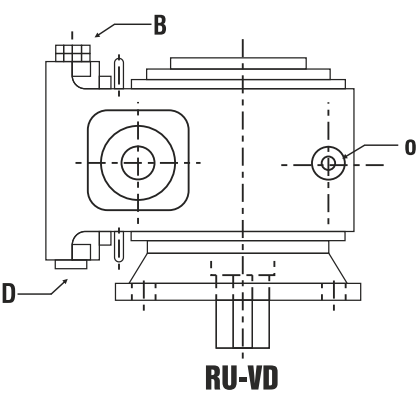
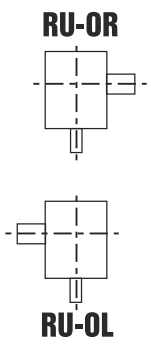
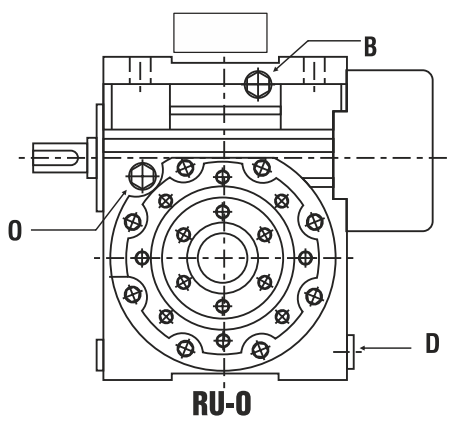
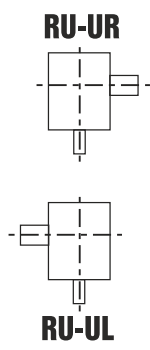
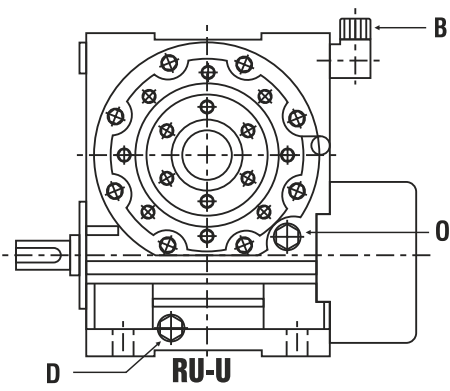
RAM FOOT MOUNTING UNDER DRIVEN (RFMU)



SIZE	OVERALL DETAILS							FIXING DETAILS							SHAFT DETAILS									
	A	B	C	D	F	N	O	J	K	L	V	S	U	T	Q	R	X1	W1	V1	H	I	X2	W2	V2
7.0	177.8	146	210	298	162	318	292	133	27	162	152	206	95	25	80	78	51	12	45	120	110	69.5	18	65
8.0	203.2	146	248	316	186	342	392	135	31	172	170	225	101	41	85	80	51	12	45	130	120	75	20	70
9.0	228.6	159	264	343	194	387	372	155	27	187	215	254	108	28	95	90	54	14	50	131	125	80	20	75
10.0	254	172	295	375	214	425	381	180	33	210	216	267	117	30	115	100	59.5	16	55	188	170	91	22	85
12.0	304.8	197	352	481	235	495	457	185	33	220	280	360	127	33	115	110	64.5	18	60	170	165	100.5	25	95

MOUNTING & HANDING POSITIONS

B = BREATHER PLUG D = DRAIN PLUG O = OIL LEVEL INDICATOR

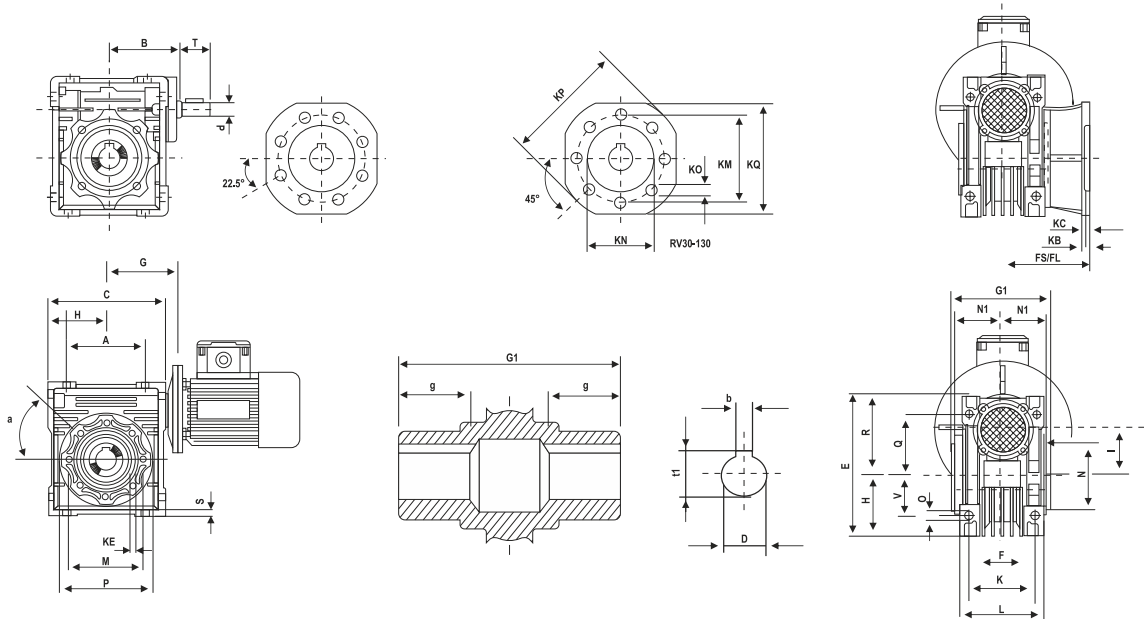


RAM RV GEARBOX



RAM is specialized in production of various reduction gears. RAM aluminum body gearboxes are totally dust proof and oil leak proof with attractive look. The cooling fins in all faces having maximum surface area exposes to atmosphere for improved efficiency and more capability of heat dissipation. Due to robust & compact construction, easy interchangeability of input flange are suitable to serve in all operating conditions of every industries.

The permissible overhung and shock loads achieved by perfect alignment of accurately bored housing for ball and taper roller bearing. Case carburized, grounded alloy steel worm shaft ensure a positive oil film and the perfectly hoobbed phosphorous bronze worm wheel assures superior efficiency and low noise.



SIZE	A	C	D(H7)	E	F	G	H	I	L	M	N(h8)	O	P	Q	R	S	T	V	K
30	54	80	14	97	32	54	40	30	56	65	54	6.5	75	44	57	5.5	20	27	44
40	70	101	18	121.5	43	62	50	40	71	75	60	6.5	87	55	71.5	6.5	23	35	60
50	80	121.5	25	144	49	90	60	50	85	85	70	8.5	100	65	85	7	30	40	70
63	100	147.5	25	174	67	106	72	63	103	95	80	8.5	110	80	102	8	40	50	85
75	120	174	28	205	72	121	86	75	113	115	95	11	140	93	119	10	50	60	90
90	140	208	35	238	72	138	103	90	130	130	110	13	160	102	135	11	50	70	100
110	170	252.5	42	295	—	159	127.5	110	142	165	130	14	200	125	166.5	15	60	85	115
130	200	292.5	45	335	—	179	147.5	130	155	215	180	16	250	140	187.5	15	80	100	120
150	240	340	50	400	—	212	170	150	185	215	180	18	250	180	230	18	80	125	145
185	310	412	60	472	—	247	207	185	220	265	230	22	300	213	265	25	80	155	175

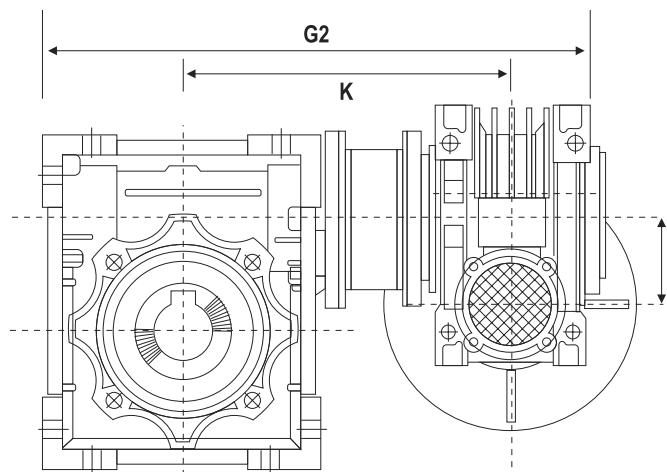
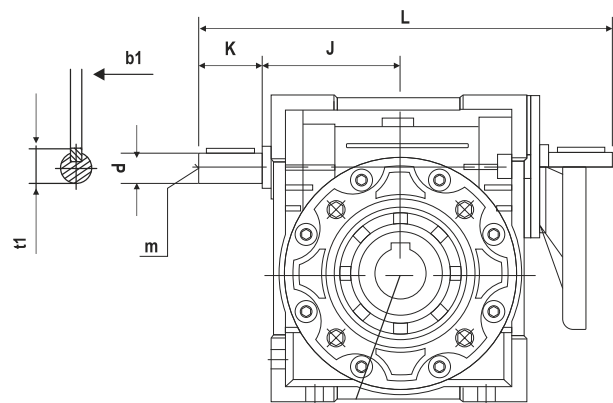
SIZE	G1	G	N1	FS	FL	KB	KC	KE	A	KM	KN(H8)	KO	KP	KQ	DJ(J6)	B	T1
30	63	20	29	54.5	—	6	4	M6X11(n4)	0°	68	50	6.5(4/90°)	80	70	9	5	16.3
40	78	23	36.5	67	97	7	4	M6X8(n4)	45°	67	60	9(4/90°)	110	95	11	6	20.8
50	92	30	43.5	90	120	9	5	M8X10(n4)	45°	90	70	11 (4/90°)	125	110	14	8	28.3
63	112	40	53	82	112	10	6	M8X14(N8)	45°	150	115	11 (4/90°)	180	142	19	8	28.3
75	120	40	57	111	—	13	6	M8X14(n8)	45°	165	130	14 (4/90°)	200	170	24	8	31.3
90	140	45	67	111	—	13	6	M10X18(n8)	45°	175	152	14 (4/90°)	210	200	24	10	38.3
110	155	50	74	139	—	15	6	M10XI 808)	45°	220	170	14 (8/90°)	270	250	28	12	45.3
130	170	60	81	151.5	—	15	6	M12X20(n8)	45°	255	180	16(8/45°)	320	290	30	14	48.8
150	200	70	96	155	—	15	7	M12X21 (n8)	45°	255	180	16(8/45°)	320	290	35	14	53.8
185	240	70	116	190	—	22	7	M16X25(n8)	45°	350	280	22(8/45°)	400	390	40	18	64.4

RAM RV GEARBOX



Extension worm shaft (S) dimensions

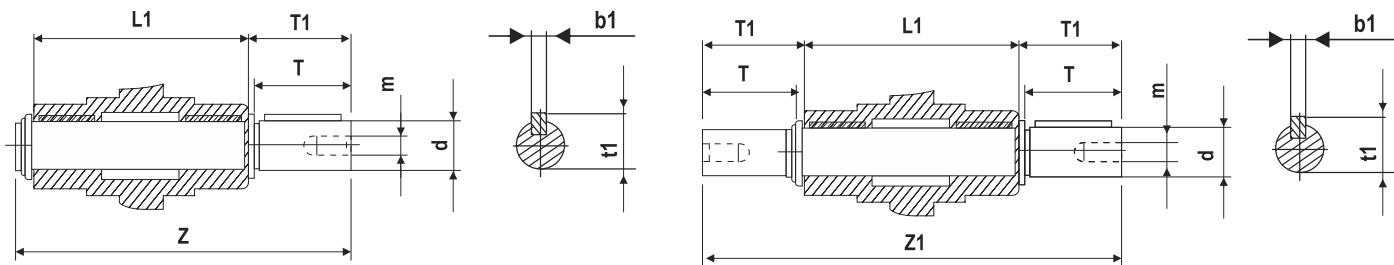
Size	J	d(j6)	K	L	m	b1	t1
30	45	9	20	136	–	3	10.2
40	53	11	23	165	–	4	12.5
50	63	14	30	198	M6	5	16
63	75	19	40	245	M6	6	21.5
75	90	24	50	295	M8	8	27
90	108	24	50	333	M8	8	27
110	135	28	60	397	M10	8	31
130	155	30	80	477	M10	8	33
150	210	35	80	590	M12	10	38
185	240	40	80	650	M12	12	43



Dimensions of Double Worm

BOX + BOX	K	I1	G2
BOX 030 + 040	122	30	201
BOX 030 + 050	132	30	221
BOX 030 + 063	145	30	246
BOX 040 + 075	167.5	40	290
BOX 040 + 090	184.5	40	324
BOX 050 + 110	226	50	397

RAM RV GEARBOX



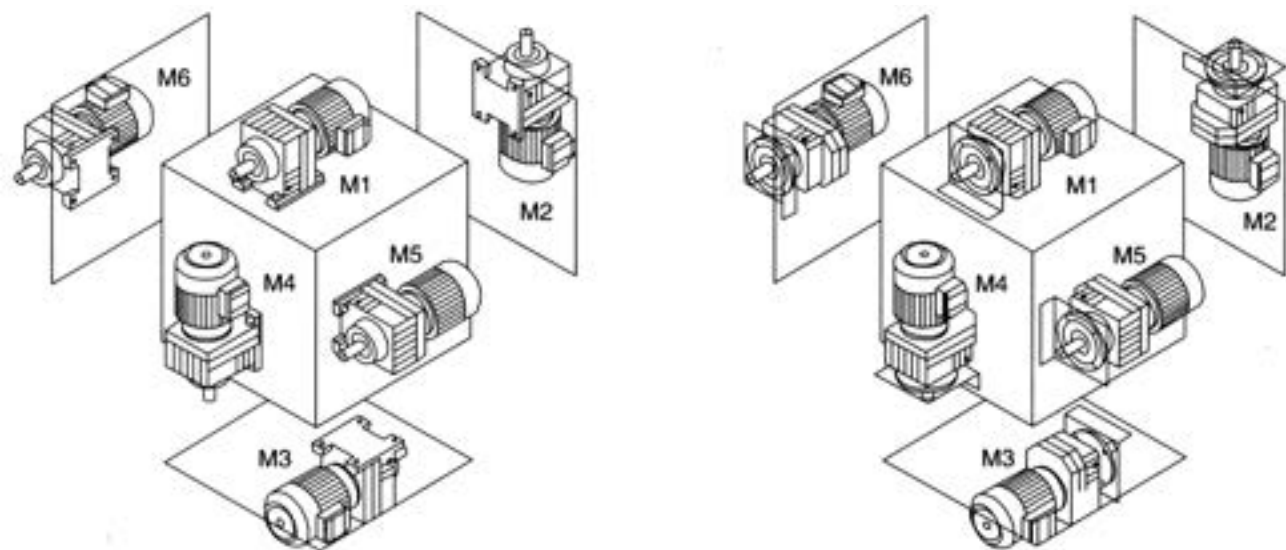
Single/double output shaft dimensions

Size	d(9h)	T	T1	L1	Z	Z1	m	b1	t1
30	14	30	32.5	63	102	128	M6	5	16
40	18	40	43	78	128	164	M6	6	20.5
50	25	50	53.5	92	153	199	M10	8	28
63	25	50	53.5	112	173	219	M10	8	28
75	28	60	63.5	120	192	247	M10	8	31
90	35	80	84.5	140	234	309	M12	10	38
110	42	80	84.5	155	249	324	M16	12	45
130	45	80	85	170	265	340	M16	14	48.5
150	50	102	110	214	324	420	M20	14	53.5
185	60	112	120	254	374	480	M20	18	64

Power Rating (sf=1) at 1400 input RPM

Ratio	Rating	O/P RPM	Size									
7.5	KW	187	30	40	50	63	75	90	110	130	150	185
	T		0.41	0.90	1.58	2.84	4.06	6.3	10.4	16.1	25.8	39.1
10	KW	140	18	40	71	128	185	290	480	750	1200	1740
	T		0.32	0.69	1.23	2.19	3.25	5.11	8.57	13.5	20.2	30
15	KW	93	18	40	72	130	195	310	520	820	1240	1800
	T		0.23	0.48	0.88	1.65	2.30	4.09	6.48	10.3	13.9	21
20	KW	70	18	40	74	140	200	360	570	920	1250	1760
	T		0.18	0.37	0.68	1.22	1.88	3.10	4.83	7.76	11	19.6
25	KW	56	18	39	73	135	210	355	560	910	1300	2270
	T		0.18	0.30	0.54	0.98	1.47	2.43	4.12	6.49	8.4	13.8
30	KW	47	21	38	70	130	200	340	590	930	1200	1950
	T		0.15	0.31	0.57	1.08	1.48	2.57	3.90	6.35	7	14
40	KW	35	20	45	84	160	230	410	630	1040	1200	2200
	T		0.11	0.23	0.42	0.76	1.12	1.76	2.87	4.93	7.3	12.1
50	KW	28	18	41	76	145	220	360	610	1050	1550	2570
	T		0.09	0.18	0.34	0.60	0.89	1.38	2.35	3.83	5.4	9.3
60	KW	23	17	39	73	135	210	340	600	980	1400	2370
	T		0.08	0.15	0.28	0.51	0.75	1.13	1.9	3.05	4.2	7.6
80	KW	18	16	36	68	130	200	320	560	900	1260	2270
	T		0.05	0.12	0.22	0.39	0.58	0.83	1.34	2.26	3.1	5.6
100	KW	14	13	33	65	122	190	285	490	840	1150	2100
	T		–	0.09	0.16	0.34	0.48	0.67	1.07	1.70	2.29	4.1
			–	29	55	118	180	270	460	740	1000	1810
			1.4	2.2	3.8	7.0	10	15	43	55	100	170

RAM R-SERIES 17-177
MOUNTING ARRANGEMENT DESCRIPTION



Different kinds of mounting arrangements are defined as following:

- M1—horizontally mounted motor, unit foot (for RR, RRX) or unit base (for RRF, RRXF) is at bottom.
- M2—motor is vertically mounted downwards.
- M3—horizontally mounted motor, unit foot (for RR, RRX) or unit base (for RRF, RRXF) is top.
- M4—motor is vertically mounted upwards.
- M5—horizontally mounted motor, if placed on M1 position, left side of unit turns to bottom (view point: towards from motor side).
- M6—horizontally mounted motor, if placed on M1 position, left side of unit turns to top (view point: towards from motor side).

(GEAR UNIT WEIGHT)

Size	RR17	RR27	RR37	RR47	RR57	RR67	RR77	RR87	RR97	RR107	RR137	RR147	RR167	RR177
Weight	5	6	7.5	13	21	25	35	67	100	187	280	450	795	1250
Size	RRX57	RRX67	RRX77	RRX87	RRX97	RRX107	RRX137							
Weight	11	15	25	47	80	115	130							

(Note: The weights are mean values, without the motor, only for reference.)

Description of selection table

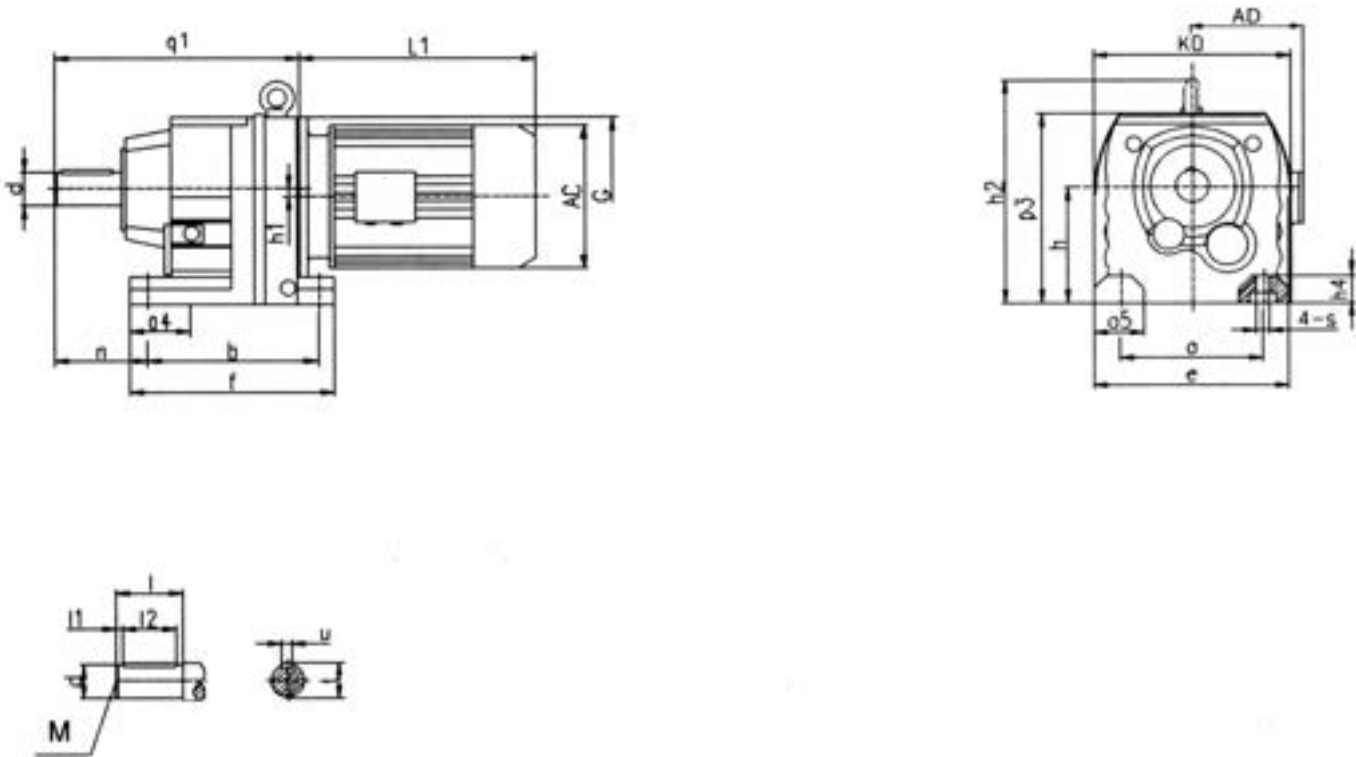
Constant power

Mamax [r/min]	Ma [Nm]	i	Fra [kN]	FB Type size Pole
↓	↓	↓	↓	↓
Output speed	Output torque	Gear unit ratio	Permissible radial load	Service factor

Constant torque

Mamax [Nm]	na [r/min]	i	Fm [kN]	P Type size [kW]/4P
↓	↓	↓	↓	↓
Max. output torque	Output speed	Gear unit ratio	Permissible radial load	Motor power

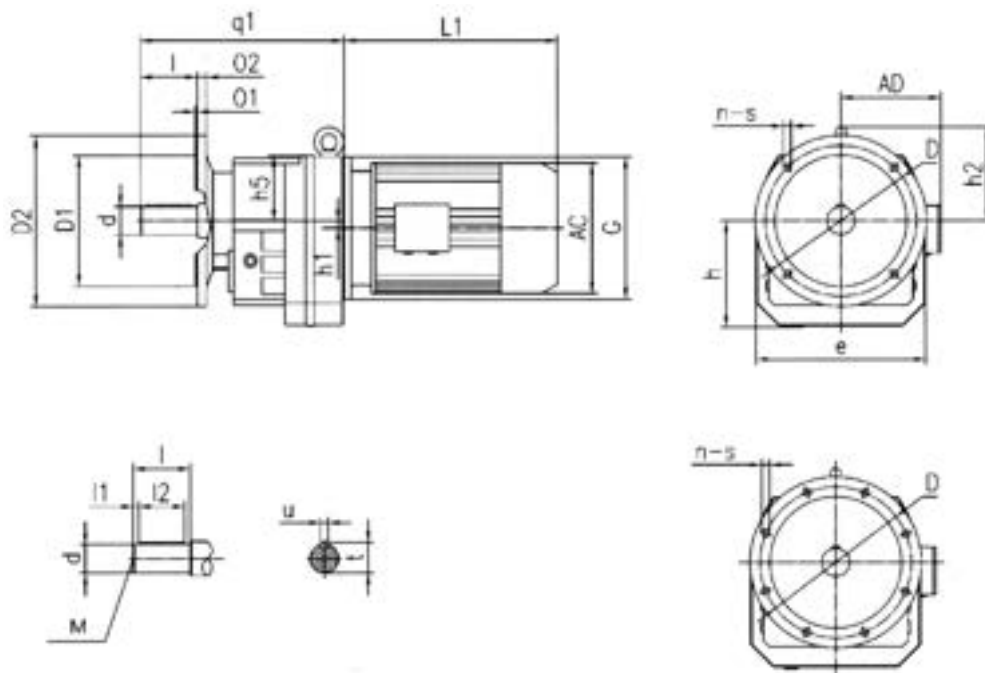
RAM R-SERIES 17-177
MOUNTING ARRANGEMENT DESCRIPTION



Specification	q1 e	d1 s	n h1	a1 K0	b l	f l1	h1 l2	P2 M	h u	a2 t	a h2	G	Motor size		
													AC	AD	L1
RR17	162 135	ø20k6 ø9	58 12	28 140	110 40	131 4	0 32	134 M6	75_0.5 6	25 22.5	110 /	ø 120	Please see appendix A-2		
RR27	193 145	ø25k6 ø9	75 18	27 151	130 50	152 3.5	3.4 40	147 M10	90_0.5 8	32 28	110 /	ø 120			
RR37	201 145	ø25k6 ø9	75 118	40 161	130 50	160 3.5	10.1 40	151 M10	90_0.5 8	35 28	110 /	ø 120			
RR47	235 170	ø30k6 ø13.5	90 24	50 178	165 60	195 3.5	14 50	187 M10	115_0.5 8	135 /	135 /	ø 160			
RR57	257 190	ø35k6 ø13.5	100 24	60 202	165 70	200 7	11.2 56	187 M12	115_0.5 8	55 38	135 /	ø 160			
RR67	280 210	ø35k6 ø14	100 30	60 115	195 70	235 7	20.7 56	212 M12	130_0.5 10	60 38	150 243	ø 160			
RR77	300 230	ø400 ø70h7	115 30	60 235	250 80	245 5	15.9 70	228 M16	140_0.5 12	60 43	170 269	ø 200			
RR87	372 290	ø50k6 ø17.5	140 45	90 297	260 100	310 10	12.6 80	295 M16	180_0.5 14	75 53.5	215 345	ø 250			
RR97	440 340	ø60m6 ø22	160 55	100 348	310 120	365 5	10.2 110	368 M20	225_0.5 18	90 64	250 418	ø 300			
RR107	495 400	ø70m6 ø26	185 65	125 409	370 140	440 7.5	20.4 125	408 M20	250_0.5 20	110 74.5	290 475	ø 350			
RR137	589 450	ø90m6 ø33	220 70	130 458	410 170	490 5	25.1 160	495 M24	315_1 20	110 95	340 562	ø 400			
RR147	695 530	ø110m6 ø39	260 80	150 540	500 210	590 15	330.4 180	565 M24	355_1 28	150 116	380 637	ø 450			
RR167	790 660	ø120m6 ø39	270 100	160 670	580 210	670 5	59.9 200	670 5	425_1 32	160 127	500 749	ø 550			
RR177	955 780	ø160m6 ø45	280 110	280 780	790 250	904 15	93 220	904 15	525_1 40	180 169	600 /	ø 550			

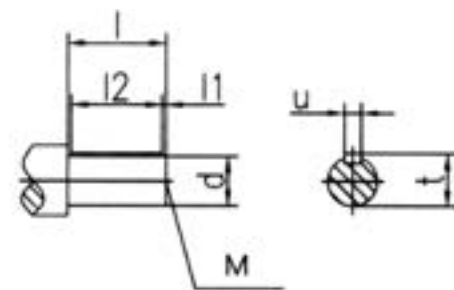
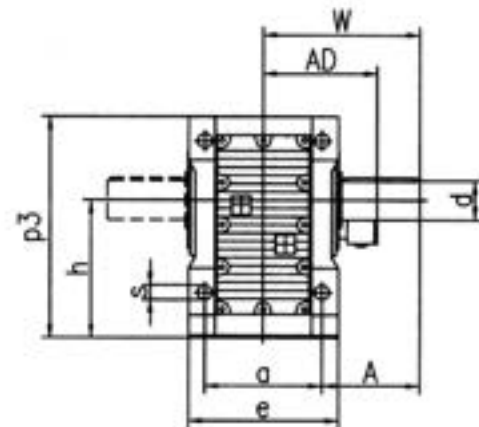
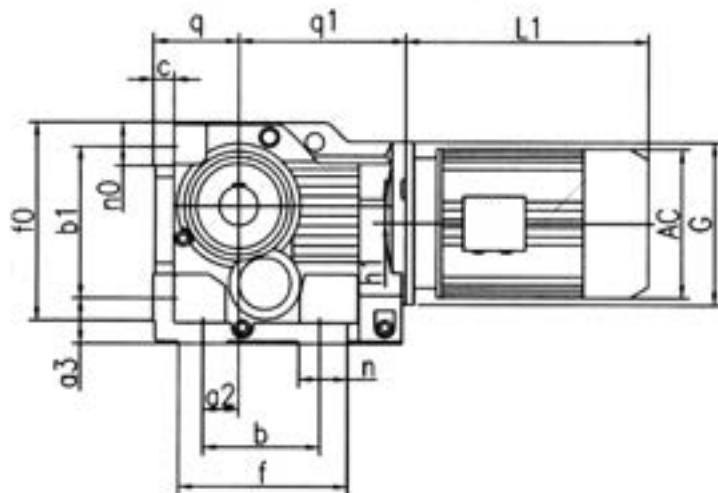
Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

RAM R-SERIES F17-177
MOUNTING ARRANGEMENT DESCRIPTION



Specification	d	D2	o2	O1	s	D1	D	n	q2 l	h5 l1	h1 l2	h M	e u	h1 t	G	Motor size		
																AC	AD	L1
RRF17	ø20k6	ø 120 ø 140	8 9	3 3	ø 6.5 ø 8.5	ø 80j6 ø 95j6	ø 100 ø 115	4 4	170 40	59 4	/ 32	76 M6	130 6	/ 22.5	ø 120	Please see appendix A-2		
RRF27	ø25k6	ø 120	8	3	ø 6.5	ø 80j6	ø 100	4	199	57	3.4	92	142	/	ø 120			
		ø 140	8	3	ø 8.5	ø 95j6	ø 115	4							ø 120			
		ø 160	10	3.5	ø 8.5	ø 110j6	ø 130	4	50	3.5	40	M10	8	28	ø 120			
RRF37	ø25k6	ø 120	8	3	ø 6.5	ø 80j6	ø 100	4	207	61	10.1	94	161	/	ø 120			
		ø 160	8	3.5	ø 9	ø 110j6	ø 130	4							ø 120			
		ø 200	12	3.5	ø 11	ø 130j6	ø 165	4	50	3.5	40	M10	8	28	ø 120			
RRF47	ø30k6	ø 140	10	3	ø 9	ø 95j6	ø 100	4	235	72	14	118	178	/	ø 160			
		ø 160	10	3.5	ø 9	ø 110j6	ø 130	4							ø 160			
		ø 200	12	3.5	ø 11	ø 130j6	ø 165	4	60	3.5	50	M10	8	33	ø 160			
RRF57	ø35k6	ø 160	10	3.5	ø 9	ø 110j6	ø 130	4	257	72	11.2	121	202	/	ø 160			
		ø 200	12	3.5	ø 11	ø 130j6	ø 165	4							ø 160			
		ø 250	15	4	ø 13.5	ø 180j6	ø 215	4	70	7	56	M12	10	38	ø 160			
RRF67	ø35k6	ø 200	12	3.5	ø 11	ø 130j6	ø 165	4	280	82	20.7	134	215	113	ø 160			
		ø 250	15	4	ø 13.5	ø 180j6	ø 215	4	70	7	56	M12	10	38	ø 160			
RRF77	ø40k6	ø 250	15	4	ø 13.5	ø 180j6	ø 215	4	300	88	15.9	144	235	129	ø 200			
		ø 300	18.5	4	ø 13.5	ø 230j6	ø 265	4	80	5	70	M16	12	43	ø 200			
RRF87	ø50k6	ø 300	16	4	ø 13.5	ø 230j6	ø 265	4	372	115	12.6	184	297	165	ø 250			
		ø 350	18	5	ø 17.5	ø 250h6	ø 300	8	100	10	80	M16	14	53.5	ø 250			
RRF97	ø60m6	ø 350	18	5	ø 17.5	ø 250h6	ø 300	4	440	144	10.2	230	348	193	ø 300			
		ø 450	22	5	ø 17.5	ø 350h6	ø 400	8	120	5	110	M20	18	64	ø 300			
RRF107	ø70m6	ø 350	20	5	ø 17.5	ø 250h6	ø 300	4	495	158	20.4	255	409	224	ø 350			
		ø 450	22	5	ø 17.5	ø 350h6	ø 400	8	7.5	7.5	125	M20	20	74.5	ø 350			
RRF137	ø90m6	ø 450	22	5	ø 17.5	ø 350h6	ø 400	8	589	180	25.1	320	458	247	ø 400			
		ø 550	25	5	ø 17.5	ø 450h6	ø 500	8	170	5	160	M24	25	95	ø 400			
RRF147	ø110m6	ø 450	22	5	ø 17.5	ø 350h6	ø 400	8	695	210	33.4	361	540	285	ø 450			
		ø 550	25	5	ø 17.5	ø 450h6	ø 500	8	210	15	180	M24	28	116	ø 450			
RRF167	ø120m6	ø 550	25	5	ø 17.5	ø 450h6	ø 500	8	790	250	59.9	430	670	324	ø 550			
		ø 650	28	6	ø 22	ø 550h6	ø 600	8	210	5	200	M24	32	127	ø 550			
RRF177	ø160m6	ø 660	32	6	ø 22	ø 550h6	ø 600	8	980	330	93	525	780	/	ø 550			
		ø 880	36	10	ø 33	ø 680h6	ø 800	8	250	15	220	M30	40	169	ø 550			

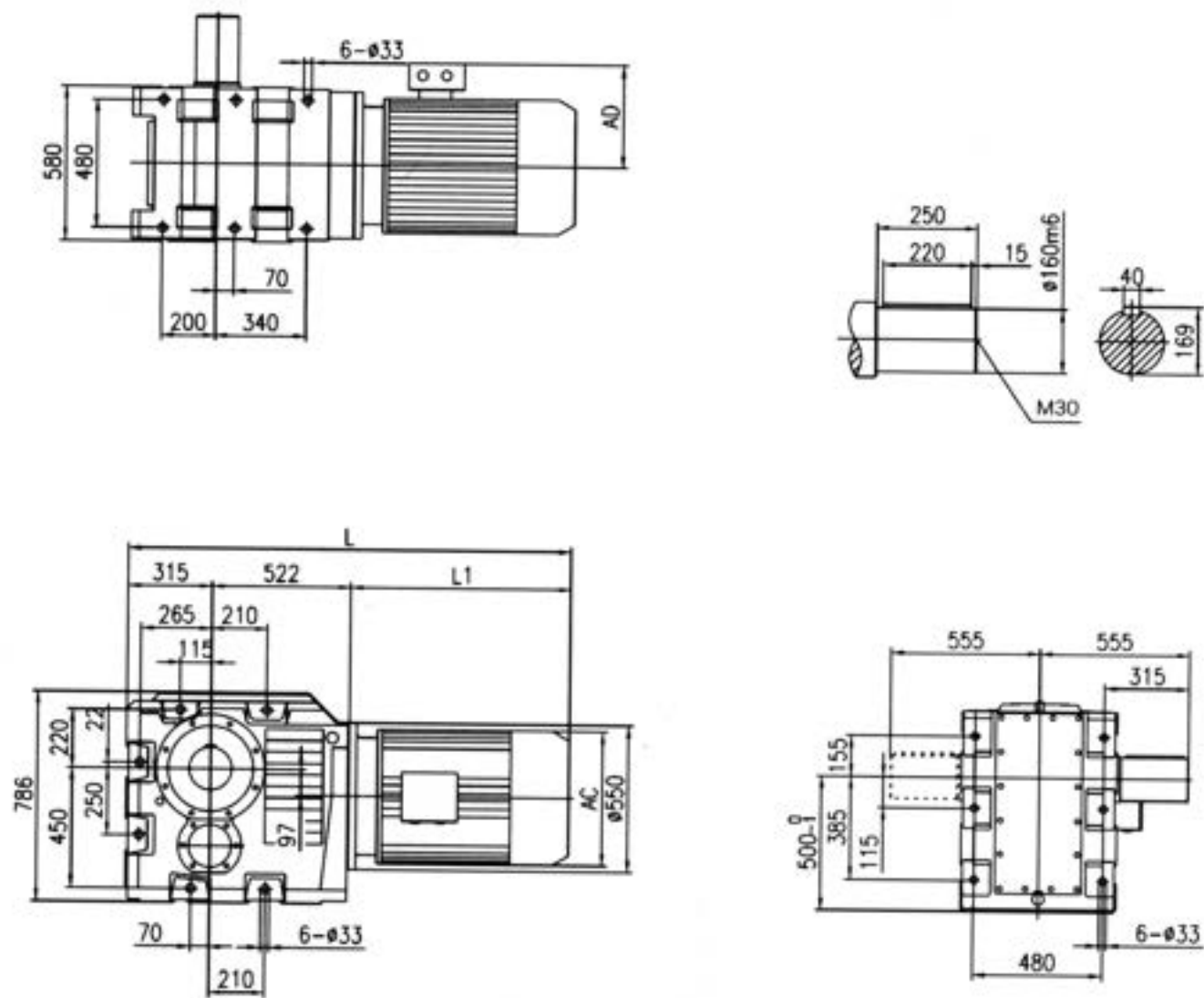
RAM K-SERIES 37-157
MOUNTING DIMENSION DESCRIPTION



Specification	a	a ₂	b ₂	q ₂	s	d	l ₁	u	w	e	c	f ₂	n	G	Motor size		
	b	h	q	h ₁	a ₁	l	l ₂	t	A	p ₁	n ₀	f	M		AC	AD	L1
RK37	100 110	28 100 _{0.5}	115 63 _{0.5}	139 8.5	∅ 11 32	∅25K6 50	5 40	8 28	110 60	120 165	16 37	150 143	38 M10	∅ 120	Please see appendix A-2		
RK47	120 130	35 12 _{0.5}	130 71 _{0.5}	166 7.2	∅ 11 37	∅30K6 60	3.5 50	8 33	135 75	145 185	18 37	170 162	32 M10	∅ 160			
RK57	130 130	30 132 _{0.5}	150 80 _{0.5}	173 13.1	∅ 13.5 45	∅35K6 70	7 56	10 38	153 88	157 217	21 43	190 172	40 M12	∅ 160			
RK67	140 120	30 140 _{0.5}	160 90 _{0.5}	179 20	∅ 13.5 45	∅40H6 80	5 70	12 43	171 110	170 228	24 43	203 170	45 M16	∅ 160			
RK77	165 150	40 180 _{0.5}	200 112 _{0.5}	202 31.3	∅ 17.5 55	∅50K6 100	10 80	14 53.5	206 123.5	200 288	27 55	263 208	55 M16	∅ 200			
RK87	180 180	5 212 _{0.5}	233 132 _{0.5}	257 25.9	∅ 22 70	∅60M6 120	5 110	18 64	240 150	230 340	32 67	305 260	75 M20	∅ 250			
RK97	240 240	75 265 ₁	295 160 _{0.5}	277 32.3	∅ 26 75	∅270M66 140	7.5 125	20 74.5	291 171	290 417	36 82	370 290	60 M20	∅ 300			
RK107	270 280	95 315 ₁	360 200 _{0.5}	341 52	∅ 33 95	∅90M6 170	5 160	25 95	347 212	340 503	40 98	448 380	100 M24	∅ 350			
RK127	120 130	115 375 ₁	420 225 _{0.5}	390 53	∅ 39 110	∅110M6 210	15 180	28 116	418 253	400 592	45 111	526 440	100 M24	∅ 450			
RK157	120 130	140 450 ₁	500 280 ₁	426 71.7	∅ 39 130	∅120M6 210	5 200	32 127	457 247	500 705	50 130	634 480	100 M24	∅ 550			

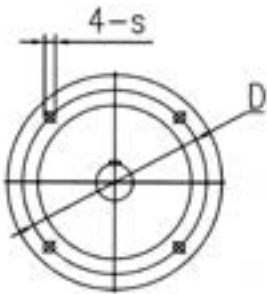
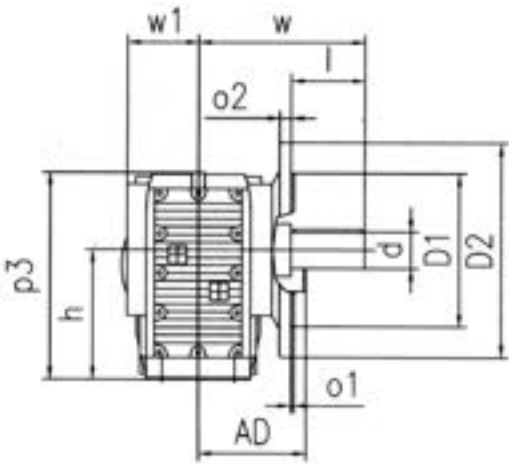
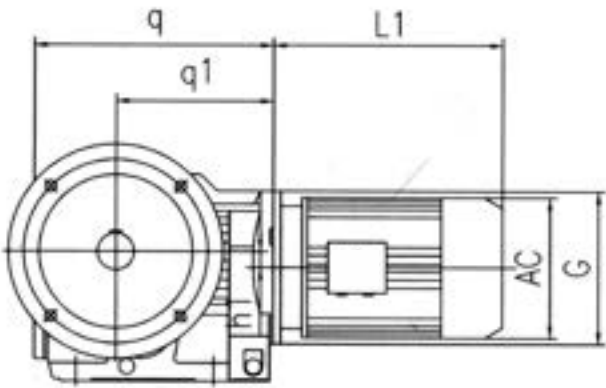
RAM K-SERIES 187

MOUNTING DIMENSION DESCRIPTION

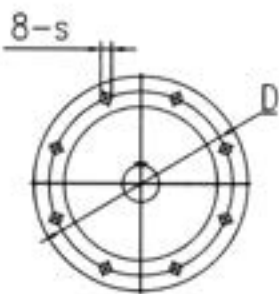


Motor feam size	160L	180M	180L	200	225S	225M	250M	280S	280M	315S	315M	315L
AC	330	380	380	420	470	470	510	580	580	645	645	645
AD	255	280	280	305	335	335	370	410	410	530	530	576
L1	560	590	630	660	675	705	770	845	895	1100	1130	1310
L	1497	1527	1567	1597	1612	1642	1707	1782	1832	2037	2067	2247

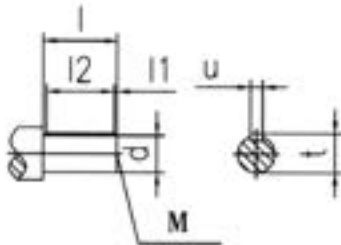
RAM K-SERIES F37-157
MOUNTING DIMENSION DESCRIPTION



RKF37-87

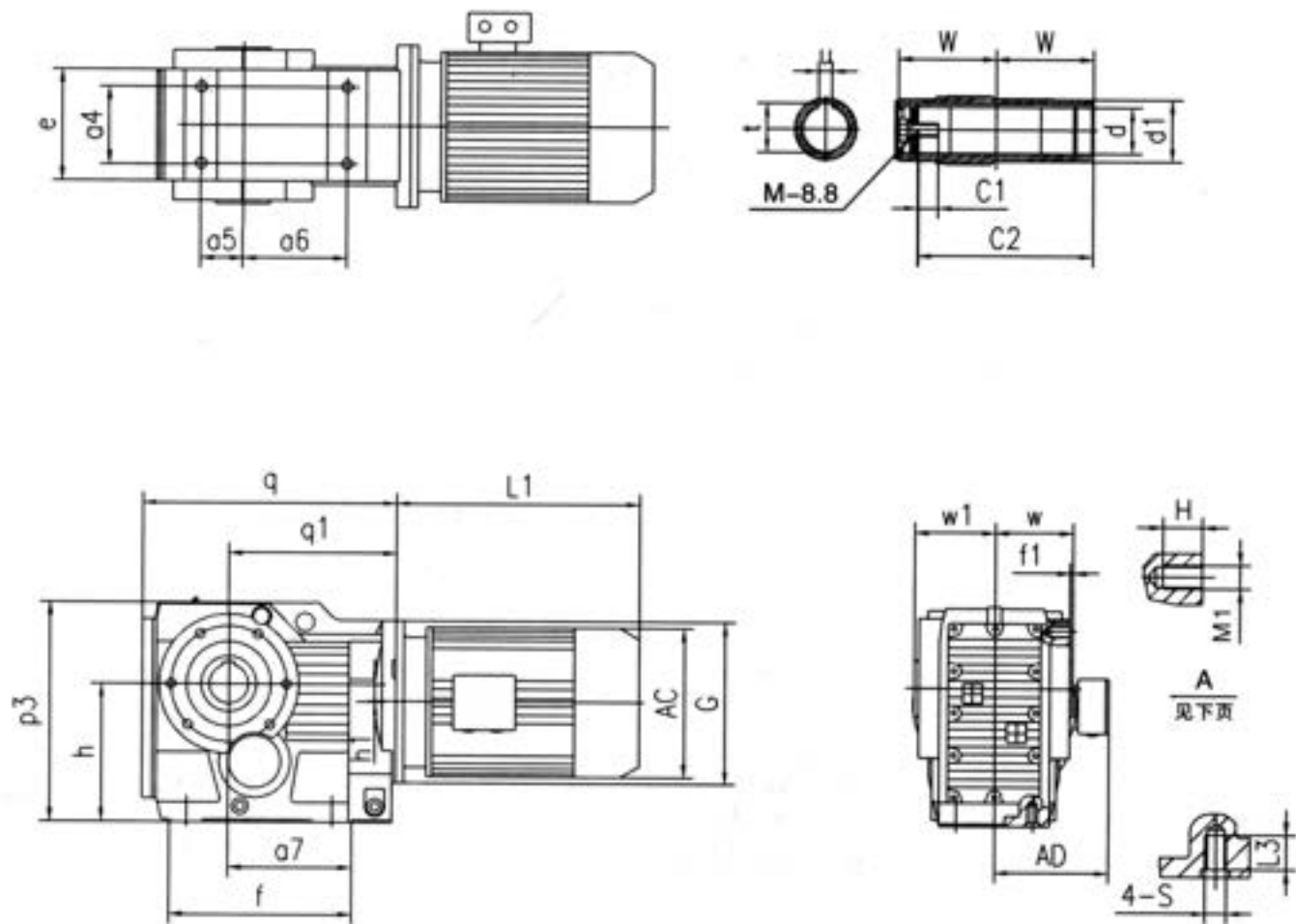


RKF97-157



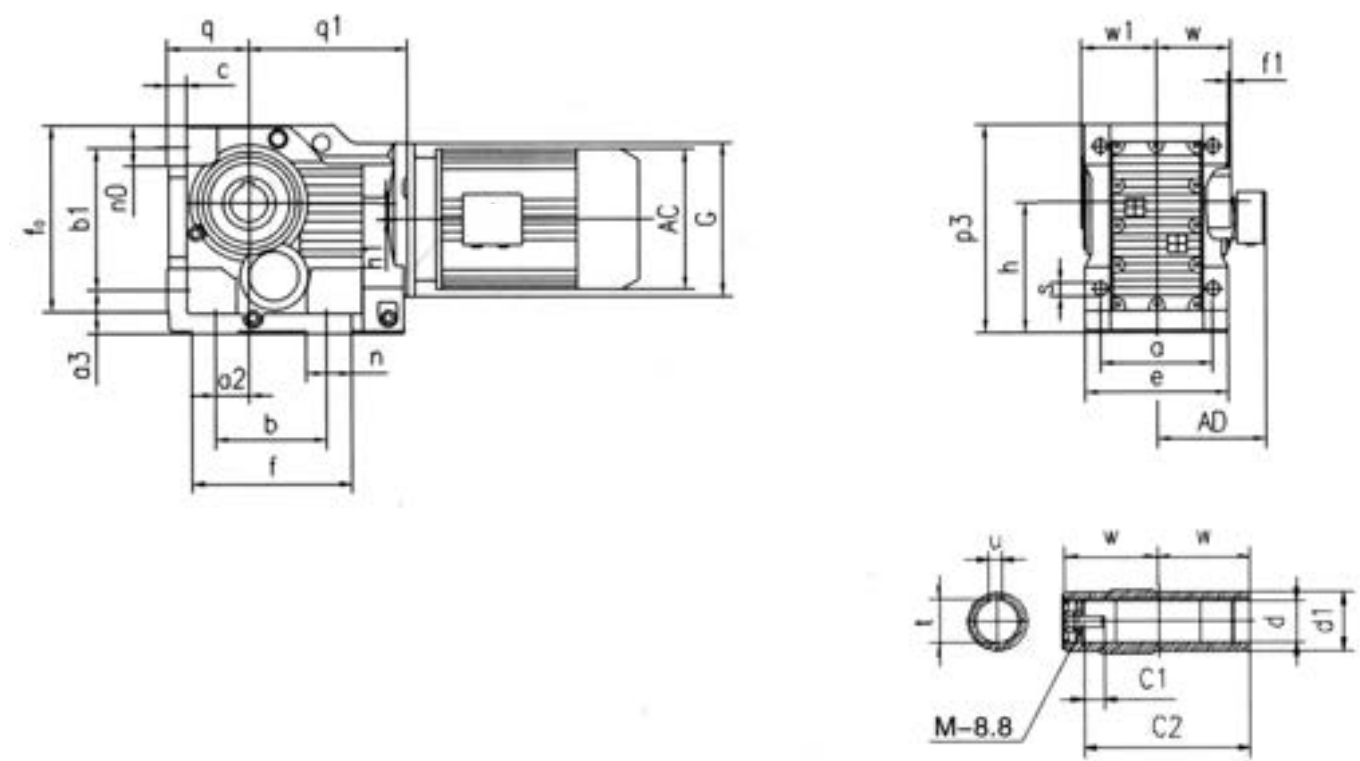
Specification	s o ₁	q w	q ₁ w ₁	h ₂ l	D l ₁	D ₂ l ₂	D ₂ d	h M	p ₃ u	o ₁ t	G	Motor size			
													AC	AD	L1
RKF37	ø9 10	210 134	139 57.5	8.5 50	ø 130 5	ø110j6 40	ø160 ø25k6	100_0.5 M10	164 8	3.5 28	ø 120	Please see appendix A-2			
RKF47	ø11 10	243 160	166 72	7.2 60	ø 165 3.5	ø130j6 50	ø200 ø30k6	112_0.5 M10	185 8	3.5 33	ø 160				
RKF57	ø13.5 15	269 176.5	173 80	13.1 70	ø 215 7	ø180j6 56	ø250 ø35k6	132_0.5 M12	215 10	4 38	ø 160				
RKF67	ø13.5 15	274 193	719 86.5	20 80	ø 215 5	ø110j6 70	ø250 ø40k6	140_0.5 M16	226 12	4 43	ø 160				
RKF77	ø13.5 16	312 242	202 101	31.3 100	ø 265 10	ø230j6 80	ø300 ø50k6	180_0.5 M16	286 14	4 53.5	ø 200				
RKF87	ø17.5 18	390 270	257 116	25.9 120	ø 300 5	ø250h6 110	ø350 ø60m6	212_0.5 M20	338 18	5 64	ø 250				
RKF97	ø17.5 22	435 335	277 171	32.3 140	ø 400 7.5	ø350h6 125	ø450 ø70m6	265_1 M202	414 20	5 74.5	ø 300				
RKF107	ø17.5 22	537 386	341 175	52 170	ø 400 5	ø350h6 160	ø450 ø90m6	315_1 M24	500 25	5 95	ø 350				
RKF127	ø17.5 25	615 466	390 203	53 210	ø 500 15	ø450h6 180	ø550 ø110m6	375_1 M24	592 28	5 116	ø 450				
RKF157	ø22 28	706 520	426 253	71.7 210	ø 600 5	ø550h6 200	ø660 ø120m6	450_1 M24	705 32	6 127	ø 550				

RAM K-SERIES A37-107
MOUNTING DIMENSION DESCRIPTION

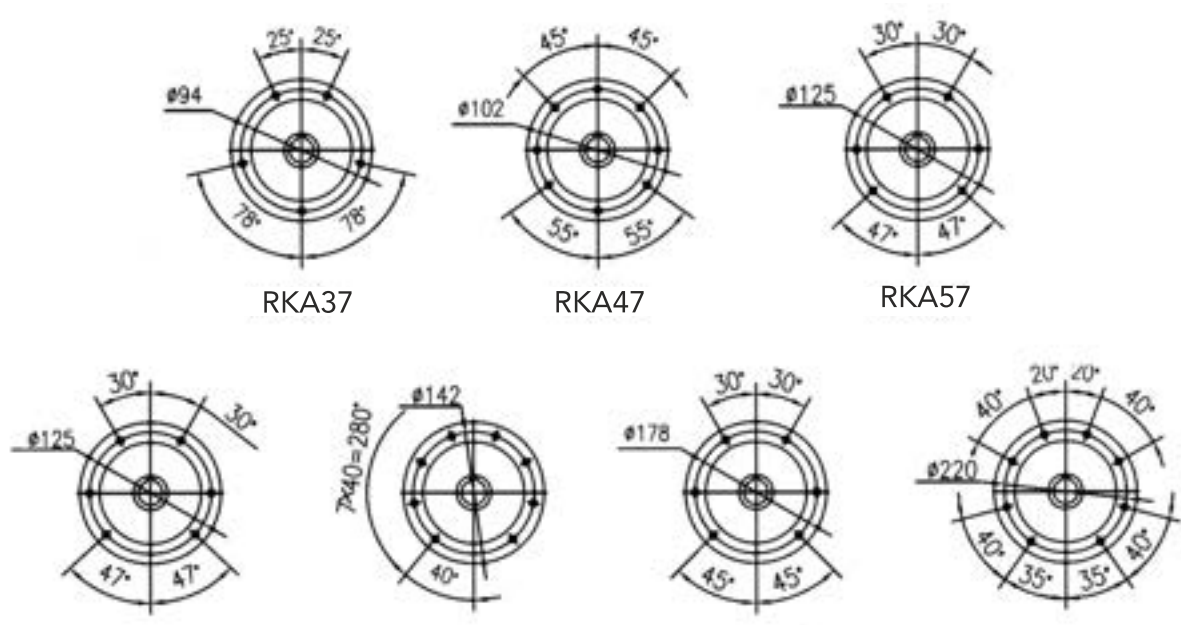


Specification	s	l_3	e	a_2	a_5	a_6	a_7	f	h	h_1	p_3	c_2	G	Motor Size		
	q	q_1	w	d	d_1	t	u	f_1	H	M_1	u	M	w_1	AC	AD	L1
RKA37	M10	20	100	60	35	82	97	147	100 _{0.5}	8.5	164	105	ø120	Please see appendix A-2		
	210	139	60	ø30H7	ø45	33.3	8	2.5	12	M8	17	M10X25	63			
RKA47	M10	20	110	70	40	100	115	170	112 _{0.5}	7.2	185	132	ø160			
	243	166	75	ø35H7	ø50	38.3	10	3	12	M8	22	M12X30	78			
RKA57	M12	25	122	88	47	105	120	182	132 _{0.5}	13.4	215	142	ø160			
	269	173	83	ø40H7	ø55	43.3	12	3	20	M12	29	M16X40	86			
RKA67	M12	25	130	88	42	110	125	182	140 _{0.5}	20	226	156	ø160			
	274	179	90	ø40H7	ø55	43.3	12	3.5	20	M12	29	M16X40	94			
RKA77	M16	32	156	102	48	122	139	204	180 _{0.5}	31.3	286	183	ø200			
	312	202	105	ø50H7	ø70	53.8	14	4	20	M12	32	M16X45	108			
RKA87	M16	32	170	118	65	160	190	280	212 _{0.5}	25.9	338	210	ø250			
	390	257	120	ø60H7	ø85	64.4	18	4	26	M16	36	M20X50	123			
RKA97	M20	36	226	160	83	165	190	298	265 ₁	32.3	414	270	ø300			
	435	277	150	ø70H7	ø95	74.9	20	4	26	M16	34	M20X50	153			
RKA107	M24	44	266	190	100	190	230	370	315 ₁	52	500	313	ø350			
	537	341	175	ø90H7	ø118	96.4	25	2.5	/	/	40	M24X60	178			

RAM K-SERIES A127-157
MOUNTING DIMENSION DESCRIPTION

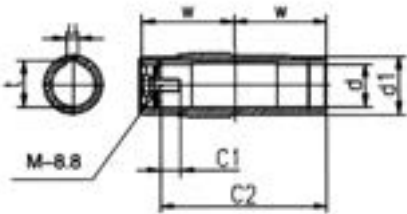
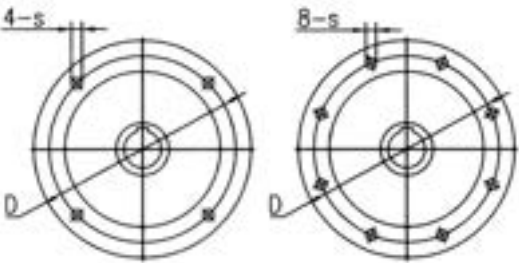
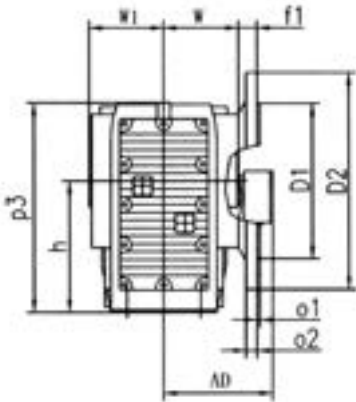
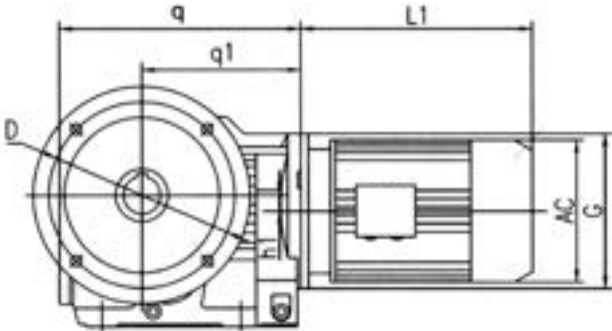


Specification	s	p	h	a	e	f ₃	w	d	d ₁	t	h ₁	f	c ₃	G	Motor Size		
	b	a ₁	n	f ₀	a ₃	b ₁	n ₀	h ₁	c	q	M ₁	c ₁	M	W ₁	AC	AD	L1
RKA127	ø39 350	592 115	375 ₋₁ 100	330 526	400 110	2.5 420	205 111	ø100H7 53	ø135 45	106.4 225 _{-0.5}	28 390	440 38	373 M24X60	ø450 208	Please see appendix A-2		
RKA157	ø39 380	705 140	450 ₋₁ 100	420 634	500 130	7 500	250 130	ø20H7 71.7	ø155 50	127.4 280 ₋₁	32 426	480 36	460 M24X60	ø550 253			



Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

RAM K-SERIES A127-157
MOUNTING DIMENSION DESCRIPTION

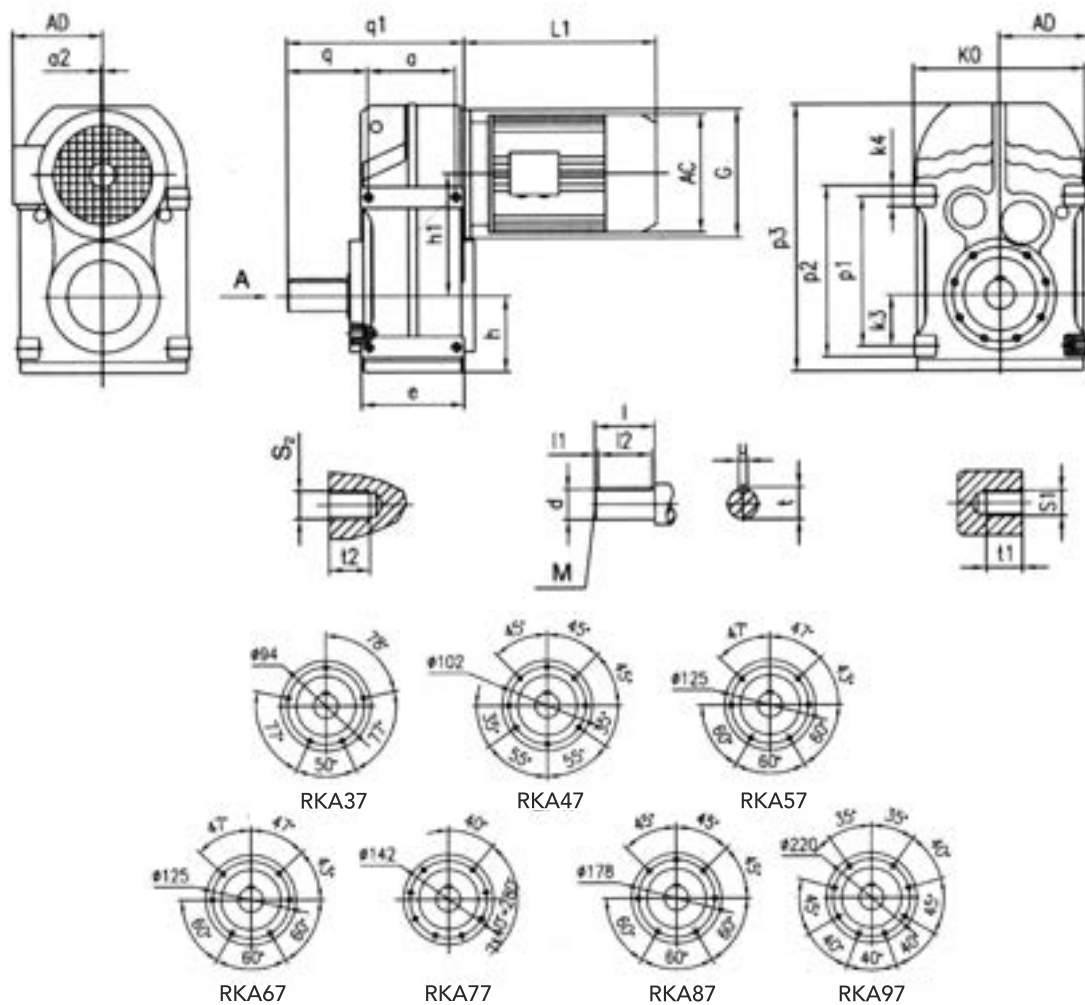


RKF37-87

RKF97-157

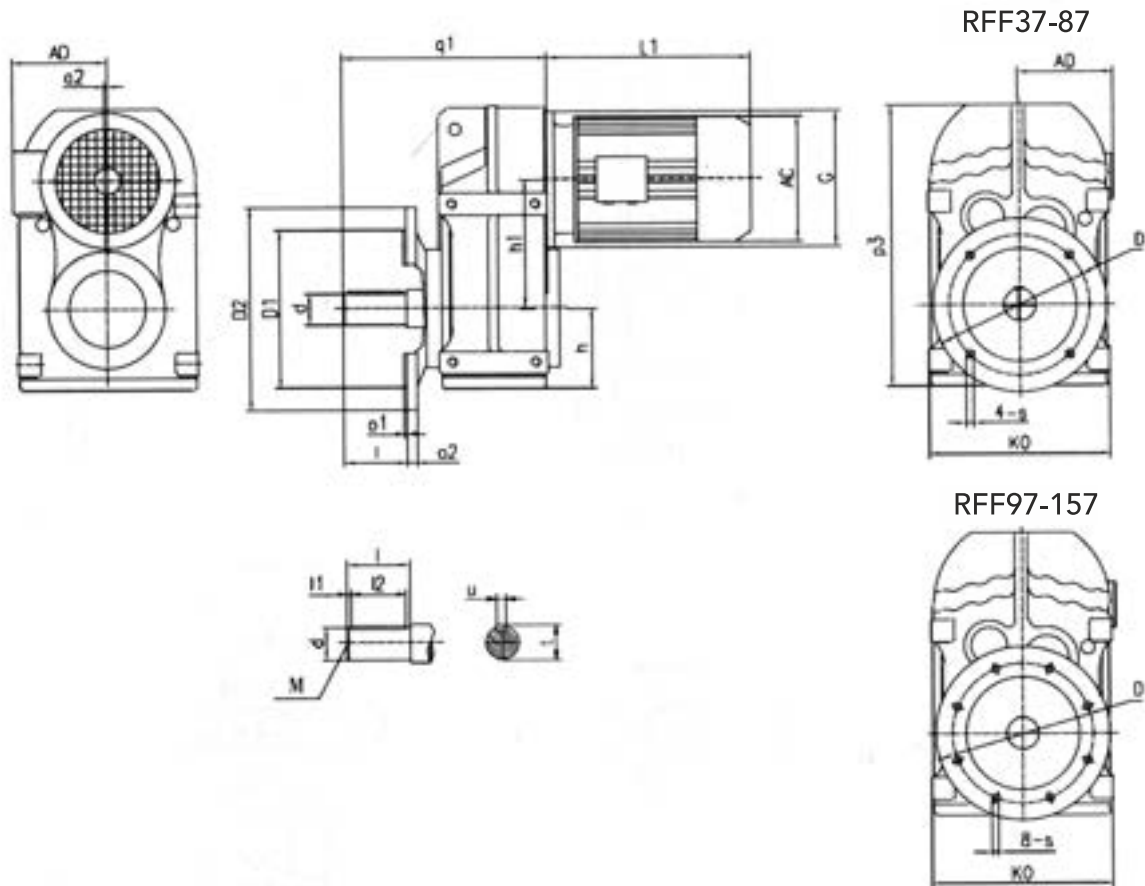
Specification	S	q	q ₁	h ₁	D	D ₃	D ₂	h	p ₃	c ₂	G	Motor Size		
	o ₁	o ₂	w	f ₁	d	b ₂	u	t	c ₁	M	W ₁	AC	AD	L1
RKAF37	ø 9 3.5	210 60	139 60	139 8.5	ø130 ø30H7	ø110j6 ø45	ø 160 8	375 _{0.5} 33.3	164 17	105 M10x25	ø 120 63	Please see appendix A-2		
RKAF47	ø 11 3.5	243 10	166 75	166 7.2	ø165 ø35H7	ø130j6 ø50	ø 200 10	112 _{0.5} 38.3	185 22	132 M12X30	ø 160 78			
RKAF57	ø 13.5 4	269 15	173 82	173 13.1	ø215 ø40H7	ø180j6 ø55	ø 250 12	132 _{0.5} 43.3	215 29	142 M16X40	ø 160 86			
RKAF67	ø 13.5 4	274 15	179 90	179 20	ø215 ø40H7	ø180j6 ø55	ø 250 12	140 _{0.5} 43.3	226 29	45 M16	ø 160 94			
RKAF77	ø 13.5 4	312 16	202 105	202 31.3	ø265 ø50H7	ø230j6 ø70	ø 300 14	180 _{0.5} 53.3	286 32	183 M16X45	ø 200 108			
RKAF87	ø 17.5 5	390 18	257 120	257 25.9	ø300 ø60H7	ø250h6 ø58	ø 350 18	212 _{0.5} 64.4	338 36	210 M20X50	ø 250 123			
RKAF97	ø 17.5 5	435 22	277 150	277 32.3	ø400 ø70H7	ø350h6 ø95	ø 450 20	265 ₁ 64.4	414 34	270 M20X50	ø 300 153			
RKAF107	ø 17.5 5	537 22	341 175	341 52	ø400 ø90H7	ø350h6 ø118	ø 450 25	315 ₁ 95.4	500 40	313 M24X60	ø 350 178			
RKAF127	ø 17.5 5	615 25	390 205	390 53	ø500 ø100H7	ø450h6 ø135	ø 550 28	375 ₁ 106.4	592 38	373 M24X60	ø 450 208			
RKAF157	ø 22 6	706 28	426 250	426 71.7	ø600 ø120H7	ø550h6 ø155	ø 660 32	450 ₁ 127.4	705 36	460 M24X60	ø 550 253			

RAM F-SERIES 37-157
MOUNTING DIMENSION DESCRIPTION



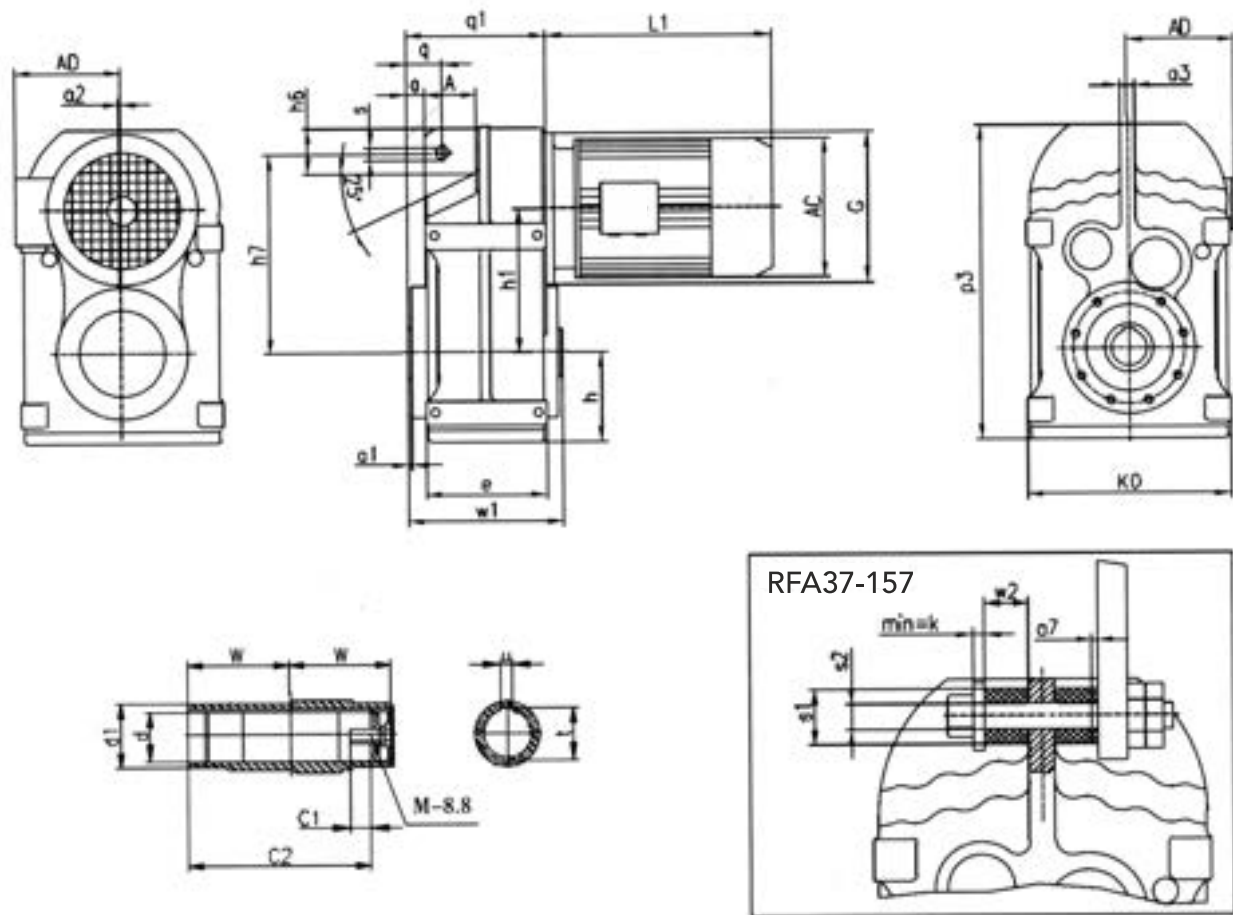
Specification	q ₁ S1	q t ₁	a u	h t	h l ₁	e l ₂	p ₃ l	P ₂ d	P ₁ M	k ₁ S2	k ₂ t ₂	K0 a ₂	G	Motor size			
															AC	AD	L1
RF37	160 M8	72.5 11	77 8	112 28	76 5	95 40	252 50	135 Ø25k6	115 M10	31 MB	20 11	165 /	ø 120	Please see appendix A-2			
RF47	193 M10	91 15	93 8	128.1 33	77 3.5	109 50	269 60	165 Ø30k6	145 M10	43 MB	20 11	180 /	ø 120				
RF57	220 M12	104.5 17	102 10	136 38	93 7	126 56	317 70	195 Ø35k6	170 M12	55 M12	25 17	200 /	ø 160				
RF67	242 M12	118.5 17	112 12	159.5 43	97 5	131 70	343 80	215 Ø40k6	190 M16	60 M12	25 17	212 /	ø 160				
RF77	294 M16	137.5 26	140 14	200 53.5	121 10	175 80	426 100	275 Ø50k6	240 M16	70 M12	35 17	270 /	ø 200				
RF87	344 M16	163 26	165 18	246.7 64	152 5	195 110	531 120	350 Ø60m6	310 M20	100 M16	40 26	330 /	ø 250				
RF97	415 M20	189.5 28	208 20	285 74.5	178 7.5	240 125	623 140	400 Ø70m6	350 M20	120 M16	50 26	400 /	ø 300				
RF107	484 M24	241.5 32	220 25	332.4 95	200 5	260 160	717 170	450 Ø90m6	400 M24	125 /	50 /	480 /	ø 350				
RF127	585 M30	291 45	270 28	382.6 116	236 15	316 180	856 210	520 Ø110m6	450 M24	142 /	70 /	530 10	ø 450				
RF157	662 M36	325 55	310 32	447 127	286 5	364 200	1021 210	620 Ø120m6	540 M24	170 /	80 /	660 15	ø 550				

RAM F-SERIES 37-157
MOUNTING DIMENSION DESCRIPTION



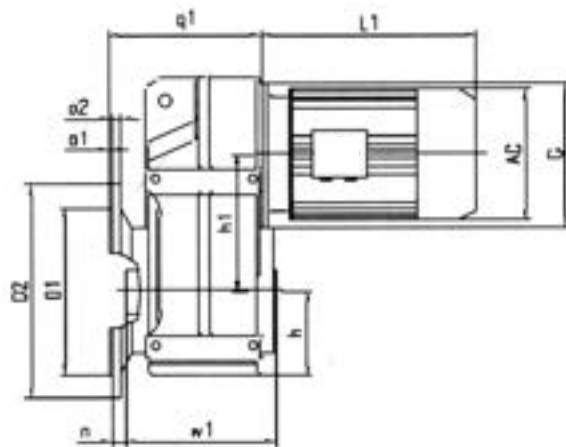
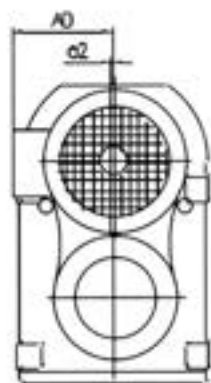
Specification	q ₁ s	D	ø ₁ K0	d u	D1 t	D2 l ₁	h ₁ l ₂	h l	p ₃ M	G a ₂	Motor size		
											AC	AD	L1
RFF37	184 ø 9	10 ø 130	3.5 ø 165	ø 25k6 8	ø 100j6 28	ø 160 5	112 40	56 50	252 M10	ø 120 /	Please see appendix A-2		
RFF47	218 ø 11	12 ø 165	3.5 ø 180	ø 30k6 8	ø 130j6 33	ø 200 3.5	128.4 50	77 60	269 M10	ø 120 /			
RFF57	243 ø 13.5	15 ø 215	4 ø 200	ø 35k6 10	ø 180j6 38	ø 250 7	136 36	93 70	317 M12	ø 160 /			
RFF67	264 ø 13.5	15 ø 215	4 ø 212	ø 40k6 12	ø 180j6 43	ø 20 5	159 70	97 80	343 M16	ø 160 /			
RFF77	330 ø 13.5	16 ø 265	4 ø 270	ø 50k6 14	ø 230j6 53.5	ø 300 10	200 80	121 100	426 M16	ø 200 /			
RFF87	374 ø 17.5	18 ø 300	5 ø 330	ø 60m6 18	ø 3250h6 65	ø 350 5	246.7 110	152 120	431 M20	ø 250 /			
RFF97	455 ø 17.5	22 ø 400	5 ø 400	ø 70m6 20	ø 350h6 74.5	ø 450 7.5	285 125	178 140	623 M20	ø 300 /			
RFF107	523 ø 17.5	22 ø 400	5 ø 450	ø 90m6 25	ø 350h6 95	ø 450 5	332.4 160	200 170	717 M24	ø 350 /			
RFF127	634 ø 17.5	25 ø 500	5 ø 530	ø 110m6 28	ø 450h6 116	ø 550 15	382.6 180	236 210	856 M24	ø 450 /			
RFF157	725 ø 22	28 ø 600	6 ø 660	ø 120m6 32	ø 550h6 127	ø 660 5	447 200	286 210	1021 M24	ø 550 /			

RFA37-157
MOUNTING DIMENSIONAL DESCRIPTION

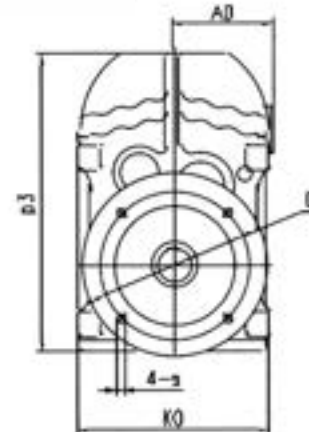


Specification	q ₁	q	A	a	h ₇	h ₆	h ₁	h	a ₁	e	w ₁	p ₃	a ₃	K0	c ₂	Motor size		
	a ₂	d	d ₁	w	c ₁	s	u	t	s ₁	s ₂	k	w ₂	a ₇	G	M	AC	AD	L1
RFA37	110 /	31.5 ø30H7	43 ø45	15 60	158 17	30 ø14	112 8	76 33.3	2.5 ø40	95 ø12.5 ^{+0.5}	123 5	252 20	12 1	165 ø 120	105 M10 X 25	Please see appendix A-2		
RFA47	133 /	32 ø30H7	64 ø50	12 22	170 22	22 ø14	128.1 10	77 38.3	3 ø40	109 ø12.5 ^{+0.5}	153 5	269 20	12 1.8	180 ø 120	132 M12 X 30			
RFA57	150 /	40.5 ø40H7	60 ø55	19.5 83	198 29	31 ø14	136 12	93 43.3	3 ø40	126 ø12.5 ^{+0.5}	170 5	317 20	14 2.4	200 ø 160	142 M16 X 40			
RFA67	161 /	41 ø40H7	65 ø55	21 90	218 29	40 ø14	159.5 12	97 43.3	3.5 ø40	131 ø12.5 ^{+0.5}	184 5	343 20	16 3	212 ø 160	156 M16 X 40			
RFA77	193 /	50 ø50H7	69 ø70	28 105	279 32	49 ø22	200 14	121 53.8	4 ø60	175 ø21 ^{+0.5}	213 10	426 30	20 3.2	270 ø 200	183 M16 X 45			
RFA87	224 /	62 ø60H7	79 ø85	32 120	346 36	57 ø22	264.7 18	152 64.4	4 ø60	195 ø21 ^{+0.5}	243 10	531 30	26 4.5	165 ø 120	210 M20 X 50			
RFA97	274 /	70 ø70H7	104 ø95	32 150	395 34	88 ø26	285 20	178 74.9	4 ø80	240 ø25 ^{+0.5}	303 12	623 40	30 5	400 ø 300	270 M20 X 50			
RFA107	312 /	88 ø90H7	100 ø118	57 175	485 40	108 ø26	332.4 25	200 95.4	2.5 ø80	260 ø25 ^{+0.5}	353 12	717 40	36 6	450 ø 350	313 M24 X 60			
RFA127	373 10	110 ø100H7	125 ø135	66 205	550 38	109 ø33	382.6 28	236 106.4	2.5 ø100	316 ø32 ^{+0.5}	413 15	856 60	40 9	530 ø 450	373 M24 X 60			
RFA157	455 15	150 ø120H7	140 ø155	98 250	660 36	170 ø33	447 32	286 127.4	7 ø120	364 ø32 ^{+0.5}	503 15	1021 60	45 9	660 ø 550	460 M24 X 60			

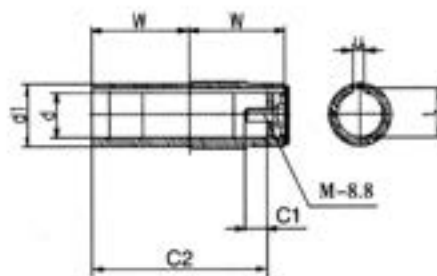
RFAF37-1S7
MOUNTING DIMENSIONAL DESCRIPTION



RFF37-87



RFF97-157



Specification	q ₁ K0	o ₁ a ₂	q ₁ d	D1 d ₁	D2 w	q ₁ c ₂	h n	w ₁ u	P ₃ t	s D	G c ₂	M	Motor size		
													AC	AD	L1
RFAF37	138 165	3.5 /	10 ø 30H7	ø 110j6 ø 45	ø 160 60	112 17	76 21	123 8	252 33.3	ø 9 ø 130	ø 120 105	M10 X 25	Please see appendix A-2		
RFAF47	162 180	3.5 /	12 ø 35H7	ø 130j6 ø 50	ø 200 75	128.1 22	77 25	153 10	269 38.3	ø 11 ø 165	ø 120 132	M12 X 30			
RFAF57	177 200	4 /	15 ø 40H7	ø 180j6 ø 55	ø 250 83	136 29	93 23.5	170 12	317 43.3	ø 13.5 ø 215	ø 160 142	M16 X 40			
RFA67	188 212	4 /	15 ø 40H7	ø 180j6 ø 55	ø 250 90	159.5 29	97 23	184 12	343 43.3	ø 13.5 ø 215	ø 160 156	M16 X 40			
RFAF77	234 270	4 /	16 ø 50H7	ø 230j6 ø 70	ø 300 105	200 32	121 37	213 14	426 53.8	ø 13.5 ø 265	ø 200 183	M16 X 45			
RFAF87	259 330	5 /	18 ø 60H7	ø 250h6 ø 85	ø 350 120	246.7 36	152 30	243 18	531 64.4	ø 17.5 ø 300	ø 250 210	M20 X 50			
RFAF97	321 400	5 /	22 ø 70H7	ø 350h6 ø 95	ø 450 150	285 34	178 41.5	303 20	623 74.9	ø 17.5 ø 400	ø 300 270	M20 X 50			
RFAF107	358 450	5 /	22 ø 90H7	ø 350h6 ø 118	ø 450 175	332.4 40	200 41	353 25	717 95.4	ø 17.5 ø 400	ø 350 313	M24 X 60			
RFAF127	429 530	8 10	25 ø 100H7	ø 450h6 ø 135	ø 550 205	382.6 38	236 51	413 28	856 106.4	ø 17.5 ø 500	ø 450 373	M24 X 60			
RFAF157	521 660	6 15	28 ø 120H7	ø 550h6 ø 155	ø 660 250	447 36	286 60	503 32	1021 127.4	ø 22 ø 600	ø 550 460	M24 X 60			

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