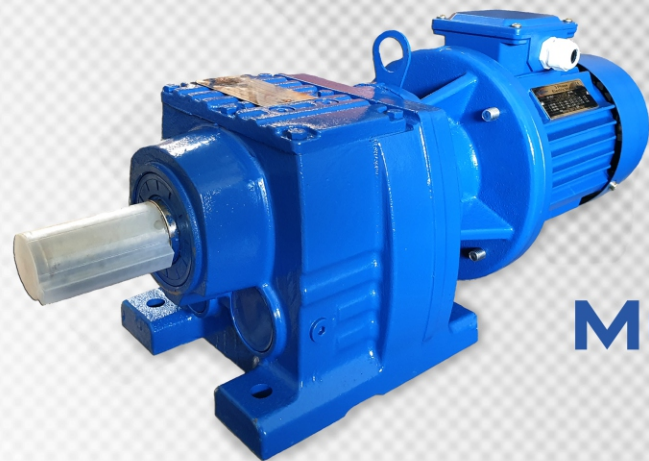


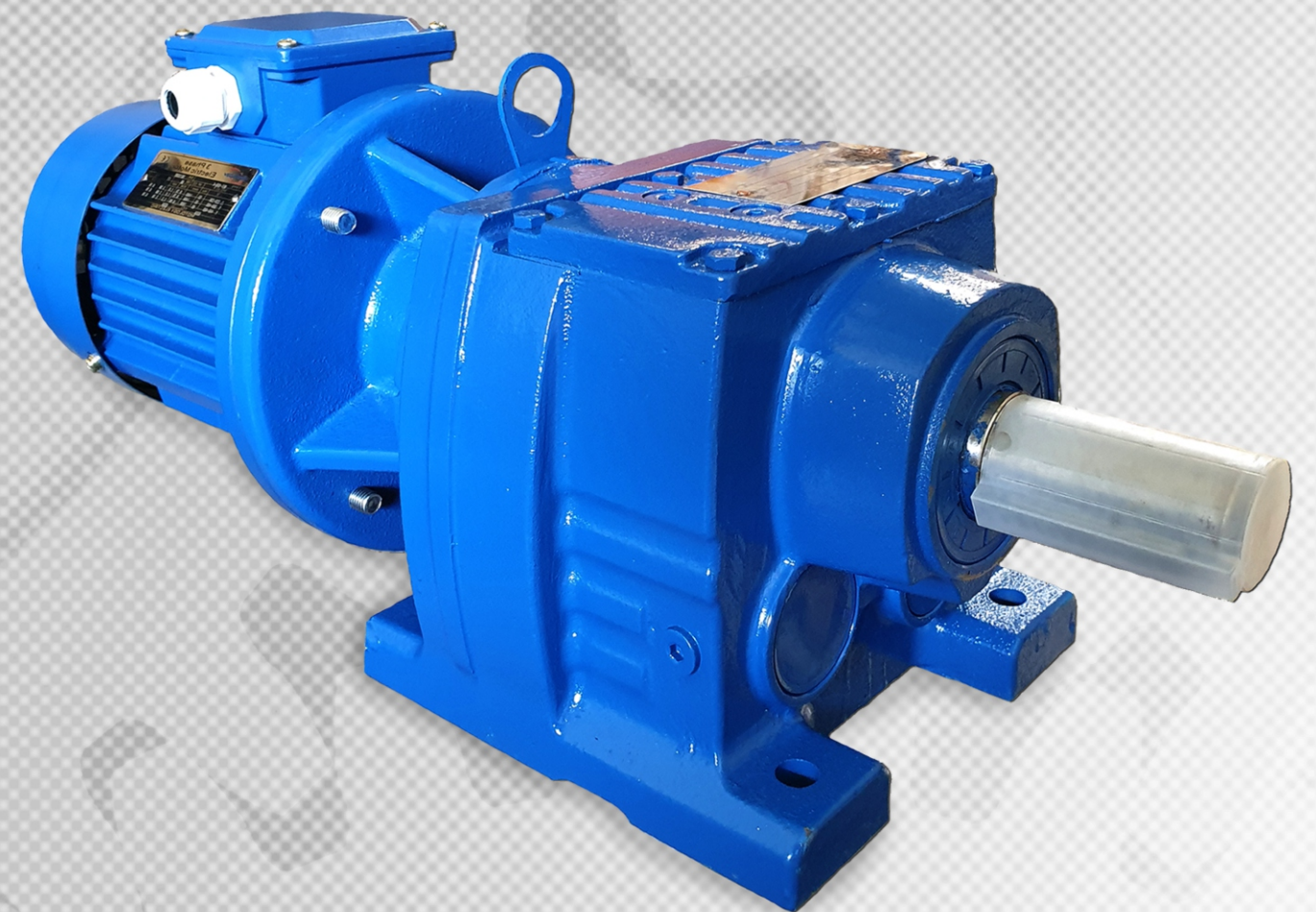
Dealer :

MOTOLOGY

Helical Gear



MOTOLOGY
Helical Gear



TIPE	POWER (HP)	RATIO	Actual Ratio	Torque Out(N.m)	Size	Stage	S.F
R0.25-05-37	0,25KW / 0,37 HP AM71	5	5.06	6	37	2	21.37
R0.25-10-37		10	10.11	12			17.76
R0.25-15-37		15	15.60	19			10.27
R0.25-20-37		20	19.31	24			8.42
R0.25-25-37		25	26.03	33	37	3	5.75
R0.25-30-37		30	32.40	60			4.93
R0.25-40-37		40	39.17	50			4.11
R0.25-50-37		50	48.08	63			3.20
R0.25-60-37		60	61.18	80			2.67
R0.5-05-37	0,5 HP AM71	5	5.06	13	37	2	10.40
R0.5-10-37		10	10.11	26			8.64
R0.5-15-37		15	15.60	40			5.00
R0.5-20-37		20	19.31	49			4.10
R0.5-30-37		30	32.40	67	37	3	2.7
R0.5-40-37		40	39.17	100			2.00
R0.5-50-37		50	48.08	123			1.60
R0.5-60-37		60	61.18	157			1.30
R0.75-10-27	0,75 HP AM80	10	10.13	39	27	2	2.3
R0.75-05-37		5	5.06	19	37	2	7.00
R0.75-10-37		10	10.11	39			4.40
R0.75-15-37		15	15.60	60			3.40
R0.75-20-37		20	19.31	75			2.20
R0.75-25-37		25	24.42	94	37	3	2.10
R0.75-30-37		30	28,73	111			1.35
R0.75-30-47		30	29.88	115	47	3	2.60
R0.75-40-47		40	42.87	166			1.80
R0.75-50-57		50	48.23	186	57	3	2.40
R0.75-60-57		60	57.29	220			2.00
R01-10-27	1 HP AM80	10	10.13	53	27	2	2.3
R01-05-37		5	5.06	26	37	2	7.00
R01-10-37		10	10.11	53			4.40
R01-15-37		15	15.60	81			3.40
R01-20-37		20	19.31	100			2.20
R01-25-37		25	24.42	127	37	3	2.10
R01-30-37		30	28,73	149			1.35
R01-30-47		30	29.88	155	47	3	2.60
R01-40-47		40	42.87	225			1.80
R01-50-57		50	48.23	250	57	3	2.40
R01-60-57		60	57.29	295			2.00

TIPE	POWER (HP)	RATIO	Actual Ratio	Torque Out(N.m)	Size	Stage	S.F
R1.5-05-37	1,5 HP AM90	5	5.06	38	37	2	3.50
R1.5-10-37		10	10.11	76			2.20
R1.5-05-47		5	4.85	36	47	2	3.00
R1.5-10-47		10	10.15	76			3.00
R1.5-15-47		15	14.56	109			2.40
R1.5-20-47		20	19.27	145			2.00
R1.5-25-57		25	24.99	188	57	2	2.40
R1.5-30-57		30	30.18	225	57	3	2.00
R1.5-40-67		40	39.88	300	67	3	1.95
R1.5-50-77		50	52.07	390	77	3	2.10
R1.5-60-77		60	57.68	435			1.90
R02-05-37	2 HP AM90	5	5.06	51	37	2	2.60
R02-10-37		10	10.11	103			1.65
R02-05-47		5	4.85	49	47	2	3.00
R02-10-47		10	10.15	103			2.20
R02-15-47		15	14.56	148			1.80
R02-20-47		20	19.27	196			1.50
R02-25-57		25	24.99	255	57	2	1.75
R02-30-57		30	30.18	305	57	3	1.45
R02-40-67		40	39.88	405	67	3	1.45
R02-50-77		50	52.07	530	77	3	1.55
R02-60-77		60	57.68	585			1.40
R03-05-47	3 HP AM100	5	4.85	72	47	2	2.10
R03-10-47		10	10.15	151			1.50
R03-15-47		15	14.56	215			1.20
R03-10-57		10	10.79	161	57	2	2.4
R03-15-57		15	14.77	220	57	2	2.00
R03-20-57		20	21.93	325			1.40
R03-20-67		20	19.89	295	67	2	2.00
R03-25-77		25	25.23	375	77	3	2.10
R03-30-77		30	29	430			1.90
R03-35-77		35	36.83	550			1.50
R03-40-87		40	41.74	620	87	3	2.50
R03-50-87		50	52.82	785			1.95
R03-60-87		60	60.35	900			1.70

TIPE	POWER (HP)	RATIO	Actual Ratio	Torque Out(N.m)	Size	Stage	S.F
R04-05-47	4 HP AM100	5	4.85	99	47	2	1.50
R04-05-57		5	5.05	103	57	2	3.00
R04-10-57		10	9.35	191			1.8
R04-15-57		15	14.77	300			1.45
R04-05-67		5	4.93	101	67	2	2.90
R04-10-67		10	10	205			2.30
R04-15-67		15	14.91	305			1.80
R04-20-67		20	19.89	405			1.45
R04-15-77		15	15.60	320	77	2	2.30
R04-20-77		20	21.43	440			1.85
R04-25-77		25	25.23	515	77	3	1.50
R04-30-77		30	29	595			1.40
R04-30-87		30	32.66	670	87	3	2.30
R04-40-87		40	41.74	850			1.80
R04-50-87		50	52.82	1080			1.45
R04-60-87		60	60.35	1230			1.25
R05-05-57	5,5 HP AM112	5	5.05	136	57	2	2.20
R05-10-57		10	9.35	250	57	2	1.44
R05-05-67		5	4.93	133	67	2	2.20
R05-10-67		10	10	279			1.75
R05-15-67		15	14.91	400			1.35
R05-20-67		20	19.89	535	67	2	1.2
R05-15-77		15	15.60	420	77	2	1.75
R05-20-77		20	21.43	575			1.40
R05-30-77		30	29	780	77	3	1.14
R05-25-87		25	23.40	630	87	2	2.50
R05-30-87		30	32.66	880	87	3	1.55
R05-40-87		40	41.74	1120			1.40
R05-50-87		50	52.82	1420		3	1.17
R05-60-87		60	60.35	1620			1.02
R05-50-97		50	53.21	1430	97	3	2.10
R05-60-97		60	59.92	1610			1.85

TIPE	POWER (HP)	RATIO	Actual Ratio	Torque Out(N.m)	Size	Stage	S.F
R7.5-05-77	7.5 HP AM132	5	5.31	195	77	2	2.60
R7.5-10-77		10	9.64	355			1.80
R7.5-05-87		5	5.30	198	87	2	4.63
R7.5-10-87		10	9.90	365			3.20
R7.5-15-87		15	15.35	565			2.40
R7.5-20-87		20	19.10	700			2.00
R7.5-25-87		25	23.40	860	87	3	1.80
R7.5-30-87		30	27.88	1020			1.45
R7.5-25-97		25	25.03	920		97	2
R7.5-30-97		30	33.25	1220			2.40
R7.5-40-97		40	42.78	1570			1.90
R7.5-50-97		50	47.58	1750			1.70
R7.5-60-97		60	59.92	2200			1.35
R7.5-60-107		60	59.42	2180	107	3	1.95
R10-05-87	10 HP AM132	5	5.30	265	87	2	3.40
R10-10-87		10	9.90	495			2.40
R10-15-87		15	15.35	770			1.75
R10-20-87		20	19.10	960	97	2	1.50
R10-25-97		25	25.03	1250			2.30
R10-30-97		30	33.25	1670		3	1.75
R10-40-97		40	42.78	2140			1.40
R10-50-97		50	47.58	2380	107	3	1.25
R10-40-107		40	40.21	2020			2.10
R10-50-107		50	47.63	2390			1.80
R10-60-107		60	59.42	2980			1.45
R15-05-87	15 HP AM160	5	5.30	358	87	2	2.30
R15-10-87		10	9.90	720			1.65
R15-05-97		5	5.20	455	97	2	4.70
R15-10-97		10	10.83	790			2.70
R15-15-97		15	14.62	1070			2.20
R15-20-97		20	20.14	1470			1.80
R15-25-97		25	25.03	1830	107	2	1.55
R15-20-107		20	20.07	1469			2.90
R15-25-107		25	24.90	1820			2.40
R15-30-107		30	29.49	2150		3	2.00
R15-40-107		40	40.37	2940			1.45
R15-30-137		30	32.91	2400	137	3	3.30
R15-40-137		40	37.65	2750			2.90
R15-50-137		50	50.86	3710			2.20
R15-60-137		60	59.17	4320			1.85

TIPE	POWER (HP)	RATIO	Actual Ratio	Torque Out(N.m)	Size	Stage	S.F
R20-05-97	20 HP AM160	5	5.20	518	97	2	3.45
R20-10-97		10	10.83	1060			1.95
R20-15-97		15	14.62	1430			1.60
R20-20-97		20	20.14	1980			1.30
R20-20-107		20	20.07	1970	107	2	2.20
R20-25-107		25	24.90	2440			1.75
R20-30-107		30	29.49	2890			1.50
R20-30-137		30	32.91	3230			2.50
R20-40-137		40	37.65	3690	137	3	2.20
R20-50-137		50	50.86	4990			1.60
R20-60-137		60	59.17	5800			1.40
R20-50-147		50	52.87	5190	147	3	2.50
R20-60-147		60	61.09	5990			2.20

R25-05-97	25 HP AM180	5	5.20	625	97	2	2.80
R25-10-97		10	10.83	1310			1.60
R25-10-107		10	10.13	1220	107	2	3.50
R25-15-107		15	15.65	1890			2.30
R25-20-107		20	20.07	2420			1.80
R25-20-137		20	19.04	2300	137	2	3.50
R25-25-137		25	24.12	2910			2.80
R25-30-137		30	32.91	3970			2.00
R25-40-137		40	37.65	4540	137	3	1.75
R25-40-147		40	40.29	4860			2.70
R25-50-147		50	52.87	6380	147	3	2.00
R25-60-147		60	61.09	7370			1.75

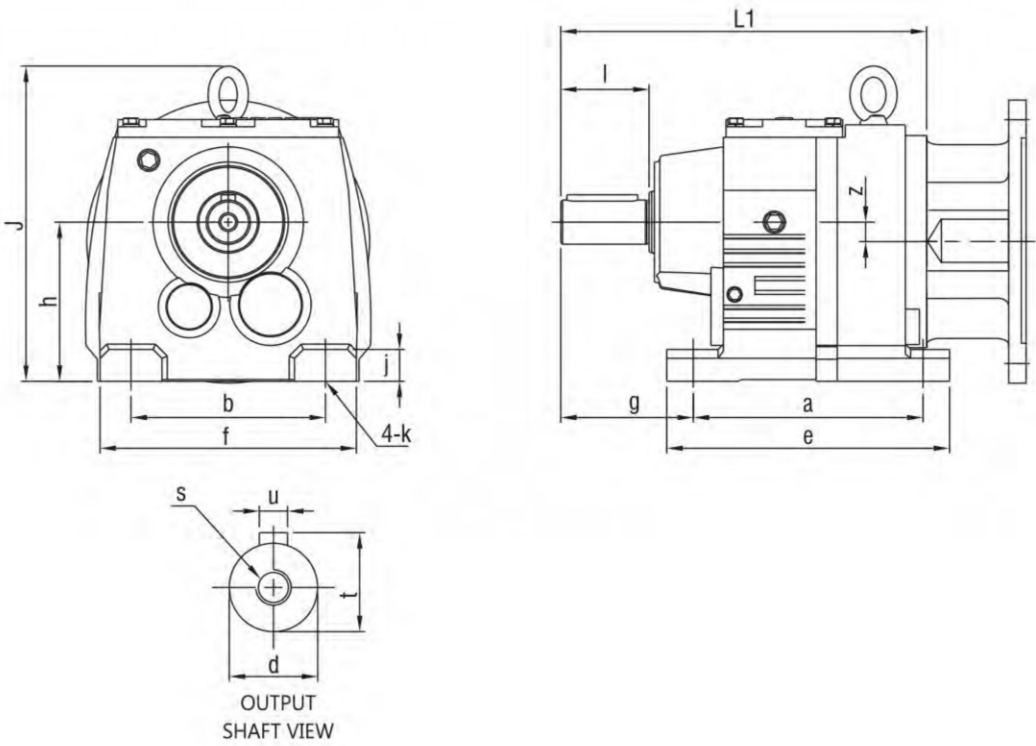
Weight

Size	Weight (kg)
R27	4
R37	10
R47	14
R57	20
R67	25
R77	30

TIPE	POWER (HP)	RATIO	Actual Ratio	Torque Out(N.m)	Size	Stage	S.F
R30-05-97	30 HP AM180	5	5.20	745	97	2	2.40
R30-10-97		10	10.83	1550			1.35
R30-15-97		10	10.13	1450	107	2	3.00
R30-20-97		15	15.65	2240			1.90
R30-20-107		20	20.07	2880			1.50
R30-25-107		20	19.04	2730	137	2	2.90
R30-30-107		25	24.12	3460			2.30
R30-30-137		30	32.91	4720			1.70
R30-40-137		40	37.65	5400	137	3	1.50
R30-50-137		40	40.29	5780			2.20
R30-60-137		50	52.87	7580	147	3	1.70
R30-50-147		60	61.09	8760			1.50

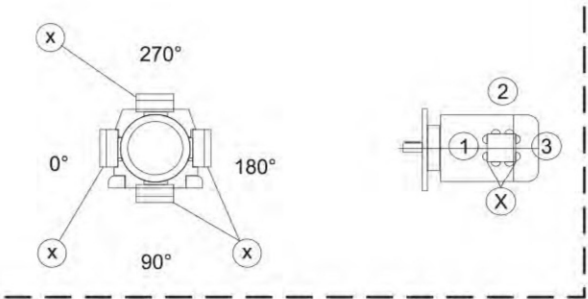
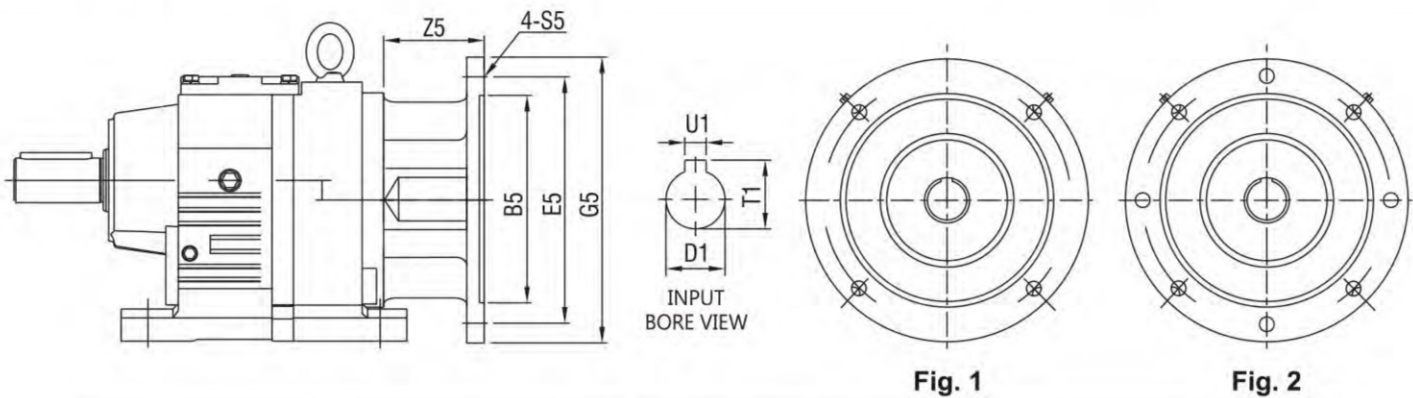
R40-05-107	40 HP AM200	5	4.92	960	107	2	3.00
R40-10-107		10	10.13	1970			2.20
R40-15-107		15	15.65	3050	137	2	1.40
R40-15-137		15	14.51	2830			2.80
R40-20-137		20	19.04	3710			2.20
R40-25-137		25	24.12	4700	137	3	1.70
R40-25-147		25	27.83	5420			1.40
R40-30-147		30	29.95	5840	147	3	2.20
R40-40-147		40	40.29	7850			1.65
R40-40-147		40	46.65	9090			1.45
R40-50-167		50	51.76	10100	167	3	1.80
R40-60-167		60	58.65	11400			1.55

Size	Weight (kg)
R87	55
R97	100
R107	130
R137	235
R147	360



Size	a	e	g	h	j	k	J	L1	Shaft Dimension				
									d	l	u	t	s
R 27	130	152	75	90-05	18	9	-	193	25k6	50	8	28	M10
R 37	130	160	75	90-05	18	9	-	201	25k6	50	8	28	M10
R 47	165	195	90	115-05	24	13.5	-	235	30k6	60	8	33	M10
R 57	165	200	100	115-05	24	13.5	-	257	35k6	70	10	36	M12
R 67	195	235	100	130-05	30	14	243	280	35k6	70	10	36	M12
R 77	205	245	115	140-05	30	17.5	269	300	40k6	80	12	43	M16
R 87	260	310	140	180-05	45	17.5	345	372	50k6	100	14	53.5	M16
R 97	310	365	160	225-05	55	22	418	-	60m6	120	16	64	M20
R 107	370	440	185	250-05	65	26	475	-	70m6	140	20	74.5	M20
R 137	410	490	220	315-05	70	33	562	-	90m6	170	25	95	M24
R 147	500	590	250	335-05	80	39	637	-	110m6	210	28	116	M24

unit : mm



R 27-R147

FLANGE DIMENSION										
Size	MOTOR	Fig	B5	E5	G5	S5	Z5	D1	T1	U1
R 27 R 37	F63	1	95	115	140	M8	50	11	12.8	4
	F71		110	130	160	M8	54	14	16.3	5
	F80		130	165	200	M10	69	19	21.8	6
	F90		130	165	200	M10	69	24	27.3	8
R 47 R 57 R 67 R 77	F63	1	95	115	140	M8	50	11	12.8	4
	F71		110	130	160	M8	54	14	16.3	5
	F80		130	165	200	M10	69	19	21.8	6
	F90		130	165	200	M10	69	24	27.3	8
	F100		180	215	250	M12	81	28	31.3	8
R 87	F112	1	180	215	250	M12	81	28	31.3	8
	F132		230	265	300	M12	92	38	41.3	10
	F80		130	165	200	M10	69	19	21.8	6
	F90		130	165	200	M10	69	24	27.3	8
	F100		180	215	250	M12	81	28	31.3	8
	F112		180	215	250	M12	81	28	31.3	8
	F132		230	265	300	M12	92	38	41.3	10
R 97 R 107	F160	1	250	300	350	M16	125	42	45.3	12
	F180		250	300	350	M16	125	48	51.8	14
	F100		180	215	250	M12	81	28	31.3	8
	F112		180	215	250	M12	81	28	31.3	8
	F132		230	265	300	M12	92	38	41.3	10
	F160		250	300	350	M16	124	42	45.3	12
	F180		250	300	350	M16	124	48	51.8	14
R 137 R 147	F200	2	300	350	400	M16	144	55	59.3	16
	F225		350	400	450	M16	159	60	64.4	18
	F132		230	265	300	M12	92	38	41.3	10
	F160		250	300	350	M16	124	42	45.3	12
	F180		250	300	350	M16	124	48	51.8	14
	F200		300	350	400	M16	144	55	59.3	16
	F225		350	400	450	M16	159	60	64.4	18
R 137 R 147	F250	2	450	500	550	M16	180	65	69.4	18
	F280		450	500	550	M16	180	75	79.9	20

unit : mm

