

# R Series Helical Geared Motors

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Size	Kw	frame	output speed [n2]	torque [Nm]	ratio [i]	radial loads [N]	fs
R28	0.12	63M6	7.3-12	158-94	123.91-74.11	4090-4370	0.8-1.4
R28	0.12	63S4	10-31	112-37	135.09-44.9	4470-4000	1.15-3.5
R28	0.18	63M4	11-99	161-17	123.91-13.28	4380-2750	0.8-7.5
R28	0.25	63L4	15-386	156-6.2	84.78-3.37	4250-1770	0.85-13
R28	0.37	71D4	23-104	157-34	61.3-13.28	3870-2620	0.85-3.8
R28	0.55	80N4	35-404	152-13	39.25-3.37	3280-1700	0.85-6.1
R28	0.75	80N4	48-276	149-26	28.78-5.0	2880-1870	0.85-3.7
R28	1.1	90S4	72-415	145-25	19.35-3.37	2430-1610	0.9-3.1
R28	1.1	80N2	203-801	52-13	13.28-3.37	1980-1340	2.5-6
R28	1.5	90L4	90-418	159-34	15.63-3.37	2080-1560	0.8-2.3
R28	1.5	90S2	236-831	61-17	11.86-3.37	1820-1300	2.1-4.6
R28	2.2	100M4	139-418	151-50	10.13-3.37	1120-1540	0.8-1.55
R28	2.2	90L2	212-834	99-25	13.28-3.37	1710-1250	1.3-3.1
R28	3	100L4	250-415	115-35	5.6-3.37	360-1200	0.85-2.3
R28	3	100M2	425-831	67-35	6.59-3.37	1330-1200	1.55-2.3
R38	0.12	63M6	6.7-12	172-94	134.82-73.96	5270-5850	1.15-2.1
R38	0.12	63S4	10-19	112-61	134.82-73.96	5750-5980	1.8-3.3
R38	0.18	63L6	7-10	245-167	123.66-84.61	3060-5310	0.8-1.2
R38	0.18	63M4	9.8-27	176-63	134.82-48.08	5230-5960	1.15-3.2
R38	0.25	63L4	9.6-40	250-60	134.82-32.4	2630-5870	0.8-3.4
R38	0.37	71D4	15-117	230-30	90.77-11.83	5590-3720	0.85-6
R38	0.55	80K4	22-115	235-46	61.18-11.83	5230-3670	0.85-4
R38	0.75	80N4	29-146	250-49	48.08-9.47	2330-4740	0.8-3.4
R38	1.1	90S4	43-277	245-38	32.4-5.06	3840-2700	0.8-3.6
R38	1.5	90L4	73-414	196-35	19.31-3.41	3350-2360	1-3.2
R38	1.5	90S2	211-351	68-41	13.25-7.97	2850-2480	2.8-3.8
R38	2.2	100M4	90-414	230-51	15.6-3.41	1070-2570	0.85-2.2
R38	2.2	90L2	146-824	144-32	19.31-4.32	2780-1880	1.4-4.4
R38	3	100L4	139-411	205-70	10.11-3.41	780-2180	0.8-1.6
R38	3	100M2	277-821	103-35	10.11-3.41	2380-1840	1.65-3.2
R48	0.12	63M6	5.1-7.4	225-155	176.88-121.87	5760-5980	1.35-1.95
R48	0.12	63S4	7.8-15	147-78	176.88-93.68	6000-6130	2-3.9
R48	0.18	63M4	7.5-17	230-99	176.88-76.23	5740-6100	1.3-3
R48	0.25	63L4	7.4-27	325-88	176.88-47.75	5280-6100	0.9-3.4
R48	0.37	71D4	10-63	360-56	139.99-21.81	3490-6010	0.85-5.4
R48	0.55	80K4	15-62	360-84	93.68-21.81	3280-5790	0.85-3.6
R48	0.75	80N4	20-85	355-84	68.54-16.22	3660-5480	0.85-3.3
R48	1.1	90S4	29-154	360-68	47.75-9.07	4850-3340	0.85-3.2
R48	1.5	90L4	38-368	375-39	36.93-3.83	4220-2380	0.8-3.7
R48	2.2	100M4	73-368	285-57	19.27-3.83	3550-2440	1.05-2.5
R48	2.2	90L2	121-351	174-60	23.28-8.01	3260-2510	1.7-3.4
R48	3	100L4	86-365	330-78	16.22-3.83	2030-3040	0.85-1.85
R48	3	100M2	237-731	121-39	11.79-3.83	2670-1970	2-3.7
R48	4	112M4	140-371	275-103	10.15-3.83	1960-2640	0.85-1.4
R48	4	112M2	176-746	215-51	16.22-3.83	2640-1910	1.25-2.8
R48	5.5	132S4	295-373	178-141	4.85-3.83	1870-2250	0.85-1
R48	5.5	132S2	230-752	230-70	12.54-3.83	1730-2250	1.1-2.1