

FENNER K series geared motor size 890

The series K range incorporates all Fenner's core design features in a highly efficient yet flexible bevel helical drive. With high load carrying capabilities and increased efficiency over worm units, the right angled series K range is proven to save energy and reduce running costs, ratios of between 8:1 to 7250:1 and torques up to 12.300Nm.

Characteristics

Series: K

Type of gearbox: Right Angle Bevel - Helical

Size: 890

Diameter output shaft: 30 mm

Application

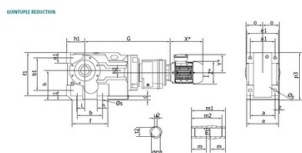
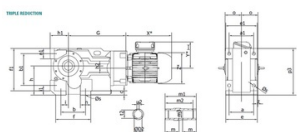
- Ratios from 8:1 to 7,250:1 Up to 12,300Nm Up to 90kW 9 sizes in range Bore size range from 30mm to 100mm

Construction

- Dimensionally interchangeable with other manufacturers Highly efficient gearing, saving energy and running costs Innovative motor adaptor uses standard IEC interface Oil tight gearhead enables motor removal without spillage Foot flange or shaft mounting

Approval

- ATEX certification available



Type of gearbox	Size	Motor power kW	Speed	Output Torque Nm	Rated torque Nm	Service Factor (maximum)	Gear Ratio	Number of poles	Mounting position	Article
Right Angle Bevel - Helical	890	0.18	6	253	225	0.89	227	4	B3	890A3402
Right Angle Bevel - Helical	890	0.18	7	238	225	0.95	211	4	B3	890A3302
Right Angle Bevel - Helical	890	0.18	8	184	225	1.22	165	4	B3	890A3202
Right Angle Bevel - Helical	890	0.18	10	162	225	1.39	145	4	B3	890A3102
Right Angle Bevel - Helical	890	0.18	11	141	157	1.11	125	4	B3	890A2402
Right Angle Bevel - Helical	890	0.18	11	145	225	1.55	128	4	B3	890A3002
Right Angle Bevel - Helical	890	0.18	13	124	159	1.28	110	4	B3	890A2302
Right Angle Bevel - Helical	890	0.18	14	112	186	1.66	96	4	B3	890A2202
Right Angle Bevel - Helical	890	0.18	17	92	225	2.45	80	4	B3	890A2002
Right Angle Bevel - Helical	890	0.18	19	83	225	2.71	72	4	B3	890A1902
Right Angle Bevel - Helical	890	0.18	22	71	225	3.17	61	4	B3	890A1802
Right Angle Bevel - Helical	890	0.18	27	59	225	3.81	51	4	B3	890A1602
Right Angle Bevel - Helical	890	0.18	31	51	225	4.41	44	4	B3	890A1502
Right Angle Bevel - Helical	890	0.18	38	41	221	5.39	36	4	B3	890A1302

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Type of gearbox	Size	Motor power kW	Speed	Output Torque Nm	Rated torque Nm	Service Factor (maximum)	Gear Ratio	Number of poles	Mounting position	Article
Right Angle Bevel - Helical	890	0.18	42	37	215	5.81	32	4	B3	890A1202
Right Angle Bevel - Helical	890	0.18	48	33	208	6.3	28	4	B3	890A1102
Right Angle Bevel - Helical	890	0.18	55	29	201	6.93	25	4	B3	890A1002
Right Angle Bevel - Helical	890	0.18	69	23	189	8.22	19	4	B3	890A0802
Right Angle Bevel - Helical	890	0.18	74	21	184	8.76	18	4	B3	890A0702
Right Angle Bevel - Helical	890	0.18	95	22	226	10.27	14	4	B3	890A0502
Right Angle Bevel - Helical	890	0.18	108	15	163	10.87	12	4	B3	890A0402
Right Angle Bevel - Helical	890	0.18	123	13	155	11.92	11	4	B3	890A0302
Right Angle Bevel - Helical	890	0.18	161	46	225	4.89	40	4	B3	890A1402
Right Angle Bevel - Helical	890	0.18	166	9	137	15.22	8	4	B3	890A0102
Right Angle Bevel - Helical	890	0.25	8	256	225	0.88	165	4	B3	890A3206
Right Angle Bevel - Helical	890	0.25	9	225	225	1	145	4	B3	890A3106
Right Angle Bevel - Helical	890	0.25	11	201	225	1.12	128	4	B3	890A3006
Right Angle Bevel - Helical	890	0.25	12	173	159	0.92	110	4	B3	890A2306
Right Angle Bevel - Helical	890	0.25	14	155	186	1.2	96	4	B3	890A2206
Right Angle Bevel - Helical	890	0.25	17	128	225	1.76	80	4	B3	890A2006
Right Angle Bevel - Helical	890	0.25	19	115	225	1.96	72	4	B3	890A1906
Right Angle Bevel - Helical	890	0.25	22	99	225	2.27	61	4	B3	890A1806
Right Angle Bevel - Helical	890	0.25	26	82	225	2.74	51	4	B3	890A1606
Right Angle Bevel - Helical	890	0.25	31	70	225	3.21	44	4	B3	890A1506
Right Angle Bevel - Helical	890	0.25	34	64	225	3.52	40	4	B3	890A1406
Right Angle Bevel - Helical	890	0.25	37	58	221	3.81	36	4	B3	890A1306
Right Angle Bevel - Helical	890	0.25	42	52	215	4.13	32	4	B3	890A1206
Right Angle Bevel - Helical	890	0.25	48	46	208	4.52	28	4	B3	890A1106
Right Angle Bevel - Helical	890	0.25	54	40	201	5.03	25	4	B3	890A1006
Right Angle Bevel - Helical	890	0.25	68	32	189	5.91	19	4	B3	890A0806
Right Angle Bevel - Helical	890	0.25	73	29	184	6.34	18	4	B3	890A0706
Right Angle Bevel - Helical	890	0.25	94	31	226	7.29	14	4	B3	890A0506
Right Angle Bevel - Helical	890	0.25	106	20	163	8.15	12	4	B3	890A0406
Right Angle Bevel - Helical	890	0.25	121	18	155	8.61	11	4	B3	890A0306
Right Angle Bevel - Helical	890	0.25	163	13	137	10.54	8	4	B3	890A0106
Right Angle Bevel - Helical	890	0.37	17	189	225	1.19	80	4	B3	890A2008
Right Angle Bevel - Helical	890	0.37	19	170	225	1.32	72	4	B3	890A1908
Right Angle Bevel - Helical	890	0.37	22	146	225	1.54	61	4	B3	890A1808

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Type of gearbox	Size	Motor power kW	Speed	Output Torque Nm	Rated torque Nm	Service Factor (maximum)	Gear Ratio	Number of poles	Mounting position	Article
Right Angle Bevel - Helical	890	0.37	26	121	225	1.86	51	4	B3	890A1608
Right Angle Bevel - Helical	890	0.37	31	104	225	2.16	44	4	B3	890A1508
Right Angle Bevel - Helical	890	0.37	34	95	225	2.37	40	4	B3	890A1408
Right Angle Bevel - Helical	890	0.37	38	85	221	2.6	36	4	B3	890A1308
Right Angle Bevel - Helical	890	0.37	42	76	215	2.83	32	4	B3	890A1208
Right Angle Bevel - Helical	890	0.37	48	68	208	3.06	28	4	B3	890A1108
Right Angle Bevel - Helical	890	0.37	54	59	201	3.41	25	4	B3	890A1008
Right Angle Bevel - Helical	890	0.37	68	47	189	4.02	19	4	B3	890A0808
Right Angle Bevel - Helical	890	0.37	74	44	184	4.18	18	4	B3	890A0708
Right Angle Bevel - Helical	890	0.37	94	45	226	5.02	14	4	B3	890A0508
Right Angle Bevel - Helical	890	0.37	107	30	163	5.43	12	4	B3	890A0408
Right Angle Bevel - Helical	890	0.37	121	26	155	5.96	11	4	B3	890A0308
Right Angle Bevel - Helical	890	0.37	164	19	137	7.21	8	4	B3	890A0108
Right Angle Bevel - Helical	890	0.55	20	253	225	0.89	72	4	B3	890A1916
Right Angle Bevel - Helical	890	0.55	23	217	225	1.04	61	4	B3	890A1816
Right Angle Bevel - Helical	890	0.55	27	179	225	1.26	51	4	B3	890A1616
Right Angle Bevel - Helical	890	0.55	32	155	225	1.45	44	4	B3	890A1516
Right Angle Bevel - Helical	890	0.55	35	141	225	1.6	40	4	B3	890A1416
Right Angle Bevel - Helical	890	0.55	39	127	221	1.74	36	4	B3	890A1316
Right Angle Bevel - Helical	890	0.55	43	114	215	1.89	32	4	B3	890A1216
Right Angle Bevel - Helical	890	0.55	49	100	208	2.08	28	4	B3	890A1116
Right Angle Bevel - Helical	890	0.55	56	88	201	2.28	25	4	B3	890A1016
Right Angle Bevel - Helical	890	0.55	71	70	189	2.7	19	4	B3	890A0816
Right Angle Bevel - Helical	890	0.55	76	65	184	2.83	18	4	B3	890A0716
Right Angle Bevel - Helical	890	0.55	97	67	226	3.37	14	4	B3	890A0516
Right Angle Bevel - Helical	890	0.55	110	45	163	3.62	12	4	B3	890A0416
Right Angle Bevel - Helical	890	0.55	125	39	155	3.97	11	4	B3	890A0316
Right Angle Bevel - Helical	890	0.55	169	29	137	4.72	8	4	B3	890A0116
Right Angle Bevel - Helical	890	0.75	27	245	225	0.92	51	4	B3	890A1618
Right Angle Bevel - Helical	890	0.75	32	211	225	1.07	44	4	B3	890A1518
Right Angle Bevel - Helical	890	0.75	35	192	225	1.17	40	4	B3	890A1418
Right Angle Bevel - Helical	890	0.75	39	173	221	1.28	36	4	B3	890A1318
Right Angle Bevel - Helical	890	0.75	43	155	215	1.39	32	4	B3	890A1218
Right Angle Bevel - Helical	890	0.75	49	137	208	1.52	28	4	B3	890A1118

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Type of gearbox	Size	Motor power kW	Speed	Output Torque Nm	Rated torque Nm	Service Factor (maximum)	Gear Ratio	Number of poles	Mounting position	Article
Right Angle Bevel - Helical	890	0.75	56	121	201	1.66	25	4	B3	890A1018
Right Angle Bevel - Helical	890	0.75	71	96	189	1.97	19	4	B3	890A0818
Right Angle Bevel - Helical	890	0.75	76	88	184	2.09	18	4	B3	890A0718
Right Angle Bevel - Helical	890	0.75	97	92	226	2.46	14	4	B3	890A0518
Right Angle Bevel - Helical	890	0.75	110	61	163	2.67	12	4	B3	890A0418
Right Angle Bevel - Helical	890	0.75	125	54	155	2.87	11	4	B3	890A0318
Right Angle Bevel - Helical	890	0.75	169	40	137	3.43	8	4	B3	890A0118
Right Angle Bevel - Helical	890	1.1	40	253	221	0.87	36	4	B3	890A1324
Right Angle Bevel - Helical	890	1.1	44	227	215	0.95	32	4	B3	890A1224
Right Angle Bevel - Helical	890	1.1	50	201	208	1.03	28	4	B3	890A1124
Right Angle Bevel - Helical	890	1.1	57	177	201	1.14	25	4	B3	890A1024
Right Angle Bevel - Helical	890	1.1	72	140	189	1.35	19	4	B3	890A0824
Right Angle Bevel - Helical	890	1.1	78	130	184	1.42	18	4	B3	890A0724
Right Angle Bevel - Helical	890	1.1	99	134	226	1.69	14	4	B3	890A0524
Right Angle Bevel - Helical	890	1.1	113	90	163	1.81	12	4	B3	890A0424
Right Angle Bevel - Helical	890	1.1	128	79	155	1.96	11	4	B3	890A0324
Right Angle Bevel - Helical	890	1.1	173	58	137	2.36	8	4	B3	890A0124
Right Angle Bevel - Helical	890	1.5	72	192	189	0.98	19	4	B3	890A0828
Right Angle Bevel - Helical	890	1.5	78	177	184	1.04	18	4	B3	890A0728
Right Angle Bevel - Helical	890	1.5	99	183	226	1.23	14	4	B3	890A0528
Right Angle Bevel - Helical	890	1.5	113	122	163	1.34	12	4	B3	890A0428
Right Angle Bevel - Helical	890	1.5	128	107	155	1.45	11	4	B3	890A0328
Right Angle Bevel - Helical	890	1.5	173	79	137	1.73	8	4	B3	890A0128
Right Angle Bevel - Helical	890	2.2	98	269	226	0.84	14	4	B3	890A0536
Right Angle Bevel - Helical	890	2.2	111	179	163	0.91	12	4	B3	890A0436
Right Angle Bevel - Helical	890	2.2	127	157	155	0.99	11	4	B3	890A0336
Right Angle Bevel - Helical	890	2.2	171	116	137	1.18	8	4	B3	890A0136

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