

FENNER K series geared motor size 891

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: 891

Diameter output shaft: 35 mm

Application

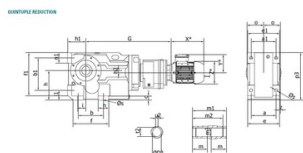
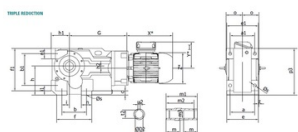
- Ratios from 8:1 to 7,250:1 Up to 12,300Nm Up to 90kW 9 sizes in range Bore size range from 30mm to 100mm

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	891	0.18	3	466	440	0.94	407	4	B3	891A3802
Right Angle Bevel - Helical	891	0.18	3	495	440	0.89	448	4	B3	891A3902
Right Angle Bevel - Helical	891	0.18	4	360	440	1.22	322	4	B3	891A3602
Right Angle Bevel - Helical	891	0.18	4	396	440	1.11	355	4	B3	891A3702
Right Angle Bevel - Helical	891	0.18	5	293	440	1.5	258	4	B3	891A3402
Right Angle Bevel - Helical	891	0.18	5	317	440	1.39	284	4	B3	891A3502
Right Angle Bevel - Helical	891	0.18	7	226	440	1.95	200	4	B3	891A3302
Right Angle Bevel - Helical	891	0.18	8	193	440	2.28	170	4	B3	891A3202
Right Angle Bevel - Helical	891	0.18	9	165	440	2.67	148	4	B3	891A3102
Right Angle Bevel - Helical	891	0.18	10	152	440	2.89	134	4	B3	891A3002
Right Angle Bevel - Helical	891	0.18	12	137	441	3.22	120	4	B3	891A2402
Right Angle Bevel - Helical	891	0.18	13	120	419	3.49	105	4	B3	891A2302
Right Angle Bevel - Helical	891	0.25	4	500	440	0.88	322	4	B3	891A3606
Right Angle Bevel - Helical	891	0.25	5	407	440	1.08	258	4	B3	891A3406

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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	891	0.25	5	440	440	1	284	4	B3	891A3506
Right Angle Bevel - Helical	891	0.25	7	314	440	1.4	200	4	B3	891A3306
Right Angle Bevel - Helical	891	0.25	8	268	440	1.64	170	4	B3	891A3206
Right Angle Bevel - Helical	891	0.25	9	229	440	1.92	148	4	B3	891A3106
Right Angle Bevel - Helical	891	0.25	10	212	440	2.08	134	4	B3	891A3006
Right Angle Bevel - Helical	891	0.25	11	190	441	2.32	120	4	B3	891A2406
Right Angle Bevel - Helical	891	0.25	13	166	419	2.52	105	4	B3	891A2306
Right Angle Bevel - Helical	891	0.25	15	146	410	2.81	93	4	B3	891A2206
Right Angle Bevel - Helical	891	0.25	17	126	433	3.44	80	4	B3	891A2006
Right Angle Bevel - Helical	891	0.25	19	112	431	3.85	71	4	B3	891A1906
Right Angle Bevel - Helical	891	0.37	7	465	440	0.95	200	4	B3	891A3308
Right Angle Bevel - Helical	891	0.37	8	397	440	1.11	170	4	B3	891A3208
Right Angle Bevel - Helical	891	0.37	9	339	440	1.3	148	4	B3	891A3108
Right Angle Bevel - Helical	891	0.37	10	313	440	1.41	134	4	B3	891A3008
Right Angle Bevel - Helical	891	0.37	11	281	441	1.57	120	4	B3	891A2408
Right Angle Bevel - Helical	891	0.37	13	246	419	1.7	105	4	B3	891A2308
Right Angle Bevel - Helical	891	0.37	15	217	410	1.89	93	4	B3	891A2208
Right Angle Bevel - Helical	891	0.37	17	186	433	2.33	80	4	B3	891A2008
Right Angle Bevel - Helical	891	0.37	19	166	431	2.6	71	4	B3	891A1908
Right Angle Bevel - Helical	891	0.37	23	138	441	3.2	59	4	B3	891A1808
Right Angle Bevel - Helical	891	0.37	28	116	441	3.8	49	4	B3	891A1608
Right Angle Bevel - Helical	891	0.37	30	107	441	4.12	45	4	B3	891A1508
Right Angle Bevel - Helical	891	0.55	10	504	440	0.87	148	4	B3	891A3116
Right Angle Bevel - Helical	891	0.55	11	465	440	0.95	134	4	B3	891A3016
Right Angle Bevel - Helical	891	0.55	12	418	441	1.06	120	4	B3	891A2416
Right Angle Bevel - Helical	891	0.55	13	366	419	1.14	105	4	B3	891A2316
Right Angle Bevel - Helical	891	0.55	15	322	410	1.27	93	4	B3	891A2216
Right Angle Bevel - Helical	891	0.55	18	277	433	1.56	80	4	B3	891A2016
Right Angle Bevel - Helical	891	0.55	20	247	431	1.74	71	4	B3	891A1916
Right Angle Bevel - Helical	891	0.55	24	206	441	2.14	59	4	B3	891A1816
Right Angle Bevel - Helical	891	0.55	29	172	441	2.56	49	4	B3	891A1616
Right Angle Bevel - Helical	891	0.55	31	159	441	2.77	45	4	B3	891A1516
Right Angle Bevel - Helical	891	0.55	36	138	428	3.1	39	4	B3	891A1416
Right Angle Bevel - Helical	891	0.55	39	125	428	3.42	35	4	B3	891A1316

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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	891	0.55	45	110	404	3.67	31	4	B3	891A1216
Right Angle Bevel - Helical	891	0.55	51	97	391	4.03	27	4	B3	891A1116
Right Angle Bevel - Helical	891	0.75	13	499	419	0.84	105	4	B3	891A2318
Right Angle Bevel - Helical	891	0.75	15	439	410	0.93	93	4	B3	891A2218
Right Angle Bevel - Helical	891	0.75	18	378	433	1.15	80	4	B3	891A2018
Right Angle Bevel - Helical	891	0.75	20	337	431	1.28	71	4	B3	891A1918
Right Angle Bevel - Helical	891	0.75	24	280	441	1.58	59	4	B3	891A1818
Right Angle Bevel - Helical	891	0.75	29	235	441	1.88	49	4	B3	891A1618
Right Angle Bevel - Helical	891	0.75	31	216	441	2.04	45	4	B3	891A1518
Right Angle Bevel - Helical	891	0.75	36	188	428	2.28	39	4	B3	891A1418
Right Angle Bevel - Helical	891	0.75	39	170	428	2.52	35	4	B3	891A1318
Right Angle Bevel - Helical	891	0.75	45	150	404	2.69	31	4	B3	891A1218
Right Angle Bevel - Helical	891	0.75	51	132	391	2.96	27	4	B3	891A1118
Right Angle Bevel - Helical	891	0.75	56	119	380	3.19	25	4	B3	891A1018
Right Angle Bevel - Helical	891	0.75	69	97	358	3.69	20	4	B3	891A0818
Right Angle Bevel - Helical	891	0.75	79	85	344	4.05	17	4	B3	891A0718
Right Angle Bevel - Helical	891	1.1	20	494	431	0.87	71	4	B3	891A1924
Right Angle Bevel - Helical	891	1.1	24	411	441	1.07	59	4	B3	891A1824
Right Angle Bevel - Helical	891	1.1	29	344	441	1.28	49	4	B3	891A1624
Right Angle Bevel - Helical	891	1.1	32	317	441	1.39	45	4	B3	891A1524
Right Angle Bevel - Helical	891	1.1	37	275	428	1.56	39	4	B3	891A1424
Right Angle Bevel - Helical	891	1.1	40	249	428	1.72	35	4	B3	891A1324
Right Angle Bevel - Helical	891	1.1	46	220	404	1.84	31	4	B3	891A1224
Right Angle Bevel - Helical	891	1.1	52	194	391	2.02	27	4	B3	891A1124
Right Angle Bevel - Helical	891	1.1	58	175	380	2.17	25	4	B3	891A1024
Right Angle Bevel - Helical	891	1.1	71	143	358	2.5	20	4	B3	891A0824
Right Angle Bevel - Helical	891	1.1	80	125	344	2.75	17	4	B3	891A0724
Right Angle Bevel - Helical	891	1.1	102	99	319	3.22	14	4	B3	891A0524
Right Angle Bevel - Helical	891	1.1	116	87	305	3.51	12	4	B3	891A0424
Right Angle Bevel - Helical	891	1.1	128	79	294	3.72	11	4	B3	891A0324
Right Angle Bevel - Helical	891	1.5	29	469	441	0.94	49	4	B3	891A1628
Right Angle Bevel - Helical	891	1.5	32	432	441	1.02	45	4	B3	891A1528
Right Angle Bevel - Helical	891	1.5	37	375	428	1.14	39	4	B3	891A1428
Right Angle Bevel - Helical	891	1.5	40	340	428	1.26	35	4	B3	891A1328

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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	891	1.5	46	300	404	1.35	31	4	B3	891A1228
Right Angle Bevel - Helical	891	1.5	52	264	391	1.48	27	4	B3	891A1128
Right Angle Bevel - Helical	891	1.5	58	238	380	1.6	25	4	B3	891A1028
Right Angle Bevel - Helical	891	1.5	71	195	358	1.84	20	4	B3	891A0828
Right Angle Bevel - Helical	891	1.5	80	171	344	2.01	17	4	B3	891A0728
Right Angle Bevel - Helical	891	1.5	102	135	319	2.36	14	4	B3	891A0528
Right Angle Bevel - Helical	891	1.5	116	119	305	2.56	12	4	B3	891A0428
Right Angle Bevel - Helical	891	1.5	128	108	294	2.72	11	4	B3	891A0328
Right Angle Bevel - Helical	891	1.5	179	76	256	3.37	8	4	B3	891A0128
Right Angle Bevel - Helical	891	2.2	45	440	404	0.92	31	4	B3	891A1236
Right Angle Bevel - Helical	891	2.2	51	387	391	1.01	27	4	B3	891A1136
Right Angle Bevel - Helical	891	2.2	57	350	380	1.09	25	4	B3	891A1036
Right Angle Bevel - Helical	891	2.2	79	251	344	1.37	17	4	B3	891A0736
Right Angle Bevel - Helical	891	2.2	101	198	319	1.61	14	4	B3	891A0536
Right Angle Bevel - Helical	891	2.2	115	174	305	1.75	12	4	B3	891A0436
Right Angle Bevel - Helical	891	2.2	126	158	294	1.86	11	4	B3	891A0336
Right Angle Bevel - Helical	891	2.2	177	112	256	2.29	8	4	B3	891A0136

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