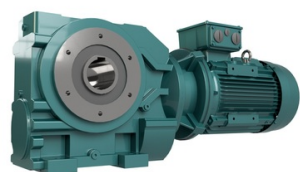


FENNER C series geared motor size 874



Modern design techniques and high quality components enable the Fenner series C helical worm gear unit to outperform any other gearbox in terms of lowest cost/Nm. The series C right angle range provides a highly efficient and compact solution with ratios from 8:1 to 13.500:1 and up to 10.000Nm.

Characteristics

Series: C

Type of gearbox: Helical Worm

Size: 874

Mounting position: B3

Construction

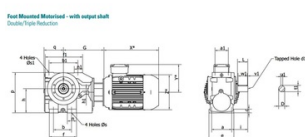
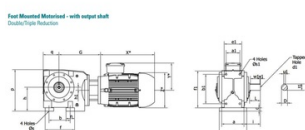
- Dimensionally interchangeable with other manufacturers
- Highly efficient gearing, saving energy and running costs
- Innovative motor adaptor uses standard IEC interface
- Oil tight gearhead enables motor removal without spillage
- Foot, Flange or shaft mounting

Application

- Ratios from 8:1 to 13,500:1
- Up to 10,000Nm
- Up to 45kW
- 8 sizes in range
- Shaft diameters from 20mm to 90mm

Approval

- ATEX certification available



Type of gearbox	Size	Motor power	Speed	Output Torque	Rated torque	Service Factor (maximum)	Gear Ratio	Number of poles	Diameter output shaft	Article
		kW		Nm	Nm				mm	
Helical Worm	874	0.18	2	714	1260	1.76	747	4	60	874A5602
Helical Worm	874	0.18	2	801	1260	1.57	838	4	60	874A5702
Helical Worm	874	0.18	3	426	1340	3.15	419	4	60	874A5302
Helical Worm	874	0.18	3	469	1270	2.71	499	4	60	874A5402
Helical Worm	874	0.18	3	523	1270	2.43	547	4	60	874A5502
Helical Worm	874	0.18	4	332	1270	3.83	341	4	60	874A5102
Helical Worm	874	0.18	4	381	1340	3.52	373	4	60	874A5202
Helical Worm	874	0.25	2	992	1260	1.27	747	4	60	874A5606
Helical Worm	874	0.25	2	1113	1260	1.13	838	4	60	874A5706
Helical Worm	874	0.25	3	610	1340	2.2	419	4	60	874A5306
Helical Worm	874	0.25	3	675	1270	1.88	499	4	60	874A5406
Helical Worm	874	0.25	3	727	1270	1.75	547	4	60	874A5506
Helical Worm	874	0.25	4	429	1270	2.96	320	4	60	874A5006
Helical Worm	874	0.25	4	461	1270	2.75	341	4	60	874A5106
Helical Worm	874	0.25	4	544	1340	2.46	373	4	60	874A5206
Helical Worm	874	0.25	5	367	1340	3.65	249	4	60	874A4806
Helical Worm	874	0.25	5	396	1340	3.38	273	4	60	874A4906
Helical Worm	874	0.37	3	875	1340	1.53	419	4	60	874A5308
Helical Worm	874	0.37	3	1000	1270	1.27	499	4	60	874A5408
Helical Worm	874	0.37	3	1075	1270	1.18	547	4	60	874A5508
Helical Worm	874	0.37	4	636	1270	2	320	4	60	874A5008

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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	Diameter output shaft mm	Article
Max. 200 articles in the table										
Helical Worm	874	0.37	4	682	1270	1.86	341	4	60	874A5108
Helical Worm	874	0.37	4	783	1340	1.71	373	4	60	874A5208
Helical Worm	874	0.37	5	586	1340	2.29	273	4	60	874A4908
Helical Worm	874	0.37	6	463	1220	2.63	226	4	60	874A4708
Helical Worm	874	0.37	6	534	1340	2.51	249	4	60	874A4808
Helical Worm	874	0.37	7	400	1190	2.98	194	4	60	874A4608
Helical Worm	874	0.37	8	371	1340	3.61	170	4	60	874A4508
Helical Worm	874	0.37	9	350	1340	3.83	160	4	60	874A4408
Helical Worm	874	0.55	3	1262	1340	1.06	419	4	60	874A5316
Helical Worm	874	0.55	3	1433	1270	0.89	499	4	60	874A5416
Helical Worm	874	0.55	3	1537	1270	0.83	547	4	60	874A5516
Helical Worm	874	0.55	4	923	1270	1.38	320	4	60	874A5016
Helical Worm	874	0.55	4	989	1270	1.28	341	4	60	874A5116
Helical Worm	874	0.55	4	1133	1340	1.18	373	4	60	874A5216
Helical Worm	874	0.55	5	837	1340	1.6	273	4	60	874A4916
Helical Worm	874	0.55	6	666	1220	1.83	226	4	60	874A4716
Helical Worm	874	0.55	6	681	1220	1.79	231	4	60	874A2716
Helical Worm	874	0.55	6	779	1340	1.72	249	4	60	874A4816
Helical Worm	874	0.55	7	579	1190	2.06	194	4	60	874A4616
Helical Worm	874	0.55	7	613	1200	1.96	208	4	60	874A2616
Helical Worm	874	0.55	8	531	1340	2.52	170	4	60	874A4516
Helical Worm	874	0.55	9	459	1140	2.48	151	4	60	874A2516
Helical Worm	874	0.55	10	417	1120	2.69	138	4	60	874A2416
Helical Worm	874	0.55	12	367	1140	3.11	115	4	60	874A2316
Helical Worm	874	0.55	14	307	1050	3.42	99	4	60	874A2116
Helical Worm	874	0.55	14	334	1340	4.01	104	4	60	874A2216
Helical Worm	874	0.55	16	273	1030	3.77	88	4	60	874A2016
Helical Worm	874	0.55	19	244	1340	5.49	75	4	60	874A1916
Helical Worm	874	0.75	4	1259	1270	1.01	320	4	60	874A5018
Helical Worm	874	0.75	4	1545	1340	0.87	373	4	60	874A5218
Helical Worm	874	0.75	6	929	1220	1.31	231	4	60	874A2718
Helical Worm	874	0.75	6	1063	1340	1.26	249	4	60	874A4818
Helical Worm	874	0.75	7	836	1200	1.44	208	4	60	874A2618
Helical Worm	874	0.75	8	724	1340	1.85	170	4	60	874A4518
Helical Worm	874	0.75	9	626	1140	1.82	151	4	60	874A2518
Helical Worm	874	0.75	10	569	1120	1.97	138	4	60	874A2418
Helical Worm	874	0.75	12	501	1140	2.28	115	4	60	874A2318
Helical Worm	874	0.75	14	418	1050	2.51	99	4	60	874A2118
Helical Worm	874	0.75	14	456	1340	2.94	104	4	60	874A2218
Helical Worm	874	0.75	16	372	1030	2.77	88	4	60	874A2018
Helical Worm	874	0.75	19	333	1340	4.02	75	4	60	874A1918
Helical Worm	874	0.75	20	306	1340	4.38	69	4	60	874A1818
Helical Worm	874	0.75	23	263	970	3.69	61	4	60	874A1718
Helical Worm	874	0.75	28	224	1250	5.58	49	4	60	874A1518
Helical Worm	874	1.1	6	1341	1220	0.91	231	4	60	874A2724
Helical Worm	874	1.1	7	1209	1200	0.99	208	4	60	874A2624
Helical Worm	874	1.1	10	819	1120	1.37	138	4	60	874A2424
Helical Worm	874	1.1	10	898	1140	1.27	151	4	60	874A2524
Helical Worm	874	1.1	12	723	1140	1.58	115	4	60	874A2324
Helical Worm	874	1.1	12	735	1100	1.5	125	4	60	874A4224
Helical Worm	874	1.1	13	705	1340	1.9	113	4	60	874A4124

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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	Diameter output shaft mm	Article
Max. 200 articles in the table										
Helical Worm	874	1.1	14	601	1050	1.75	99	4	60	874A2124
Helical Worm	874	1.1	14	654	1340	2.05	104	4	60	874A2224
Helical Worm	874	1.1	15	608	1340	2.2	97	4	60	874A4024
Helical Worm	874	1.1	16	536	1030	1.92	88	4	60	874A2024
Helical Worm	874	1.1	19	478	1340	2.8	75	4	60	874A1924
Helical Worm	874	1.1	21	438	1340	3.06	69	4	60	874A1824
Helical Worm	874	1.1	23	378	970	2.57	61	4	60	874A1724
Helical Worm	874	1.1	27	331	946	2.86	53	4	60	874A1624
Helical Worm	874	1.1	29	322	1250	3.88	49	4	60	874A1524
Helical Worm	874	1.1	33	285	1200	4.21	44	4	60	874A1424
Helical Worm	874	1.5	8	1431	1340	0.94	170	4	60	874A4528
Helical Worm	874	1.5	10	1117	1120	1	138	4	60	874A2428
Helical Worm	874	1.5	10	1225	1140	0.93	151	4	60	874A2528
Helical Worm	874	1.5	12	986	1140	1.16	115	4	60	874A2328
Helical Worm	874	1.5	12	1003	1100	1.1	125	4	60	874A4228
Helical Worm	874	1.5	13	961	1340	1.39	113	4	60	874A4128
Helical Worm	874	1.5	14	819	1050	1.28	99	4	60	874A2128
Helical Worm	874	1.5	14	892	1340	1.5	104	4	60	874A2228
Helical Worm	874	1.5	15	829	1340	1.62	97	4	60	874A4028
Helical Worm	874	1.5	16	731	1030	1.41	88	4	60	874A2028
Helical Worm	874	1.5	19	651	1340	2.06	75	4	60	874A1928
Helical Worm	874	1.5	21	598	1340	2.24	69	4	60	874A1828
Helical Worm	874	1.5	23	515	970	1.88	61	4	60	874A1728
Helical Worm	874	1.5	27	451	946	2.1	53	4	60	874A1628
Helical Worm	874	1.5	29	438	1250	2.85	49	4	60	874A1528
Helical Worm	874	1.5	33	389	1200	3.08	44	4	60	874A1428
Helical Worm	874	1.5	47	276	1070	3.88	30	4	60	874A1128
Helical Worm	874	2.2	13	1420	1340	0.94	113	4	60	874A4136
Helical Worm	874	2.2	14	1210	1050	0.87	99	4	60	874A2136
Helical Worm	874	2.2	15	1233	1340	1.09	97	4	60	874A4036
Helical Worm	874	2.2	16	1086	1030	0.95	88	4	60	874A2036
Helical Worm	874	2.2	19	966	1340	1.39	75	4	60	874A1936
Helical Worm	874	2.2	21	885	1340	1.51	69	4	60	874A1836
Helical Worm	874	2.2	23	765	970	1.27	61	4	60	874A1736
Helical Worm	874	2.2	27	670	946	1.41	53	4	60	874A1636
Helical Worm	874	2.2	29	650	1250	1.92	49	4	60	874A1536
Helical Worm	874	2.2	32	576	1200	2.08	44	4	60	874A1436
Helical Worm	874	2.2	36	507	895	1.77	40	4	60	874A1336
Helical Worm	874	2.2	40	448	872	1.95	35	4	60	874A1236
Helical Worm	874	2.2	46	408	1070	2.62	30	4	60	874A1136
Helical Worm	874	2.2	53	347	822	2.37	27	4	60	874A1036
Helical Worm	874	2.2	58	316	803	2.54	24	4	60	874A0936
Helical Worm	874	2.2	65	282	781	2.77	21	4	60	874A0836
Helical Worm	874	2.2	71	269	921	3.42	20	4	60	874A0736
Helical Worm	874	2.2	81	237	879	3.71	17	4	50	874Z0636
Helical Worm	874	2.2	81	237	879	3.71	17	4	60	874A0636
Helical Worm	874	2.2	90	205	716	3.49	15	4	50	874Z0536
Helical Worm	874	2.2	90	205	716	3.49	15	4	60	874A0536
Helical Worm	874	3	23	1048	970	0.93	61	4	60	874A1738
Helical Worm	874	3	27	916	946	1.03	53	4	60	874A1638
Helical Worm	874	3	29	889	1250	1.41	49	4	60	874A1538

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Type of gearbox	Size	Motor power	Speed	Output Torque	Rated torque	Service Factor (maximum)	Gear Ratio	Number of poles	Diameter output shaft	Article
		kW		Nm	Nm				mm	Max. 200 articles in the table
Helical Worm	874	3	32	788	1200	1.52	44	4	60	874A1438
Helical Worm	874	3	35	693	895	1.29	40	4	60	874A1338
Helical Worm	874	3	40	614	872	1.42	35	4	60	874A1238
Helical Worm	874	3	46	558	1070	1.92	30	4	60	874A1138
Helical Worm	874	3	53	475	822	1.73	27	4	60	874A1038
Helical Worm	874	3	58	433	803	1.85	24	4	60	874A0938
Helical Worm	874	3	65	386	781	2.02	21	4	60	874A0838
Helical Worm	874	3	71	368	921	2.5	20	4	60	874A0738
Helical Worm	874	3	80	325	879	2.7	17	4	50	874Z0638
Helical Worm	874	3	80	325	879	2.7	17	4	60	874A0638
Helical Worm	874	3	90	281	716	2.55	15	4	50	874Z0538
Helical Worm	874	3	90	281	716	2.55	15	4	60	874A0538
Helical Worm	874	3	105	250	796	3.18	13	4	50	874Z0438
Helical Worm	874	3	105	250	796	3.18	13	4	60	874A0438
Helical Worm	874	3	116	228	768	3.37	12	4	50	874Z0338
Helical Worm	874	3	116	228	768	3.37	12	4	60	874A0338
Helical Worm	874	3	130	203	734	3.62	10	4	50	874Z0238
Helical Worm	874	3	130	203	734	3.62	10	4	60	874A0238
Helical Worm	874	4	33	1038	1200	1.16	44	4	60	874A1446
Helical Worm	874	4	36	912	895	0.98	40	4	60	874A1346
Helical Worm	874	4	41	807	872	1.08	35	4	60	874A1246
Helical Worm	874	4	47	735	1070	1.46	30	4	60	874A1146
Helical Worm	874	4	53	624	822	1.32	27	4	60	874A1046
Helical Worm	874	4	59	568	803	1.41	24	4	60	874A0946
Helical Worm	874	4	66	508	781	1.54	21	4	60	874A0846
Helical Worm	874	4	72	485	921	1.9	20	4	60	874A0746
Helical Worm	874	4	82	427	879	2.06	17	4	50	874Z0646
Helical Worm	874	4	82	427	879	2.06	17	4	60	874A0646
Helical Worm	874	4	91	369	716	1.94	15	4	50	874Z0546
Helical Worm	874	4	91	369	716	1.94	15	4	60	874A0546
Helical Worm	874	4	107	329	796	2.42	13	4	50	874Z0446
Helical Worm	874	4	107	329	796	2.42	13	4	60	874A0446
Helical Worm	874	4	117	300	768	2.56	12	4	50	874Z0346
Helical Worm	874	4	117	300	768	2.56	12	4	60	874A0346
Helical Worm	874	4	132	266	734	2.76	10	4	50	874Z0246
Helical Worm	874	4	132	266	734	2.76	10	4	60	874A0246
Helical Worm	874	4	182	193	618	3.2	7	4	50	874Z0146
Helical Worm	874	4	182	193	618	3.2	7	4	60	874A0146
Helical Worm	874	5.5	54	847	822	0.97	27	4	60	874A1054
Helical Worm	874	5.5	59	771	803	1.04	24	4	60	874A0954
Helical Worm	874	5.5	67	689	781	1.13	21	4	60	874A0854
Helical Worm	874	5.5	73	657	921	1.4	20	4	60	874A0754
Helical Worm	874	5.5	83	579	879	1.52	17	4	60	874A0654
Helical Worm	874	5.5	92	501	716	1.43	15	4	50	874Z0554
Helical Worm	874	5.5	92	501	716	1.43	15	4	60	874A0554
Helical Worm	874	5.5	108	446	796	1.78	13	4	50	874Z0454
Helical Worm	874	5.5	108	446	796	1.78	13	4	60	874A0454
Helical Worm	874	5.5	119	407	768	1.89	12	4	50	874Z0354
Helical Worm	874	5.5	119	407	768	1.89	12	4	60	874A0354
Helical Worm	874	5.5	134	361	734	2.03	10	4	50	874Z0254
Helical Worm	874	5.5	134	361	734	2.03	10	4	60	874A0254

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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	Diameter output shaft mm	Article
Helical Worm	874	5.5	185	262	618	2.36	7	4	50	874Z0154
Helical Worm	874	5.5	185	262	618	2.36	7	4	60	874A0154
Helical Worm	874	7.5	67	943	781	0.83	21	4	60	874A0856
Helical Worm	874	7.5	73	899	921	1.02	20	4	60	874A0756
Helical Worm	874	7.5	82	792	879	1.11	17	4	60	874A0656
Helical Worm	874	7.5	92	685	716	1.05	15	4	50	874Z0556
Helical Worm	874	7.5	92	685	716	1.05	15	4	60	874A0556
Helical Worm	874	7.5	108	610	796	1.3	13	4	50	874Z0456
Helical Worm	874	7.5	108	610	796	1.3	13	4	60	874A0456
Helical Worm	874	7.5	118	557	768	1.38	12	4	50	874Z0356
Helical Worm	874	7.5	118	557	768	1.38	12	4	60	874A0356
Helical Worm	874	7.5	133	494	734	1.49	10	4	50	874Z0256
Helical Worm	874	7.5	133	494	734	1.49	10	4	60	874A0256
Helical Worm	874	7.5	184	358	618	1.73	7	4	50	874Z0156
Helical Worm	874	7.5	184	358	618	1.73	7	4	60	874A0156
Helical Worm	874	11	109	886	796	0.9	13	4	50	874Z0466
Helical Worm	874	11	109	886	796	0.9	13	4	60	874A0466
Helical Worm	874	11	120	809	768	0.95	12	4	50	874Z0366
Helical Worm	874	11	120	809	768	0.95	12	4	60	874A0366
Helical Worm	874	11	134	717	734	1.02	10	4	50	874Z0266
Helical Worm	874	11	134	717	734	1.02	10	4	60	874A0266
Helical Worm	874	11	186	520	618	1.19	7	4	50	874Z0166
Helical Worm	874	11	186	520	618	1.19	7	4	60	874A0166
Helical Worm	874	15	185	711	618	0.87	7	4	50	874Z0168
Helical Worm	874	15	185	711	618	0.87	7	4	60	874A0168

Max. 200 articles in the table

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