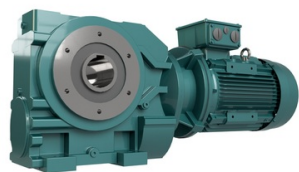


FENNER C series geared motor size 875



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: 875

Mounting position: B3

Construction

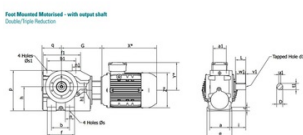
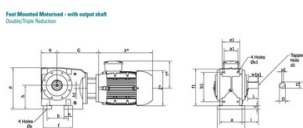
- Dimensionally interchangeable with other manufacturers
- Highly efficient gearing, saving energy and running costs
- Innovative motor adaptor uses standard IEC interface
- Oil tight gearhead enables motor removal without spillage
- Foot, Flange or shaft mounting

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	875	0.55	6	703	2530	3.6	235	4	70	875A2716
Helical Worm	875	0.75	6	958	2530	2.64	235	4	70	875A2718
Helical Worm	875	0.75	7	837	2470	2.95	204	4	70	875A2618
Helical Worm	875	0.75	9	637	2350	3.69	153	4	70	875A2518
Helical Worm	875	0.75	10	582	2310	3.97	139	4	70	875A2418
Helical Worm	875	1.1	6	1382	2530	1.83	235	4	70	875A2724
Helical Worm	875	1.1	7	1211	2470	2.04	204	4	70	875A2624
Helical Worm	875	1.1	9	914	2350	2.57	153	4	70	875A2524
Helical Worm	875	1.1	10	836	2310	2.76	139	4	70	875A2424
Helical Worm	875	1.1	12	742	2850	3.84	117	4	70	875A2324
Helical Worm	875	1.1	15	600	2160	3.6	98	4	70	875A2124
Helical Worm	875	1.1	17	535	2120	3.96	87	4	70	875A2024
Helical Worm	875	1.5	6	1885	2530	1.34	235	4	70	875A2728
Helical Worm	875	1.5	7	1651	2470	1.5	204	4	70	875A2628
Helical Worm	875	1.5	9	1247	2350	1.88	153	4	70	875A2528
Helical Worm	875	1.5	10	1141	2310	2.02	139	4	70	875A2428
Helical Worm	875	1.5	12	1012	2850	2.82	117	4	70	875A2328
Helical Worm	875	1.5	14	883	2760	3.13	102	4	70	875A2228
Helical Worm	875	1.5	15	819	2160	2.64	98	4	70	875A2128
Helical Worm	875	1.5	17	729	2120	2.91	87	4	70	875A2028
Helical Worm	875	1.5	19	669	2560	3.83	76	4	70	875A1928

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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	875	2.2	6	2810	2530	0.9	235	4	70	875A2736
Helical Worm	875	2.2	7	2421	2470	1.02	204	4	70	875A2636
Helical Worm	875	2.2	9	1849	2350	1.27	153	4	70	875A2536
Helical Worm	875	2.2	10	1689	2310	1.37	139	4	70	875A2436
Helical Worm	875	2.2	12	1496	2850	1.91	117	4	70	875A2336
Helical Worm	875	2.2	14	1313	2760	2.1	102	4	70	875A2236
Helical Worm	875	2.2	15	1209	2160	1.79	98	4	70	875A2136
Helical Worm	875	2.2	16	1083	2120	1.96	87	4	70	875A2036
Helical Worm	875	2.2	19	991	2560	2.58	76	4	70	875A1936
Helical Worm	875	2.2	21	900	2490	2.77	69	4	70	875A1836
Helical Worm	875	2.2	22	799	2010	2.52	63	4	70	875A1736
Helical Worm	875	2.2	26	691	1960	2.84	54	4	70	875A1636
Helical Worm	875	2.2	29	647	2250	3.48	49	4	60	875Z1536
Helical Worm	875	2.2	29	647	2250	3.48	49	4	70	875A1536
Helical Worm	875	2.2	33	575	2170	3.77	43	4	60	875Z1436
Helical Worm	875	2.2	33	575	2170	3.77	43	4	70	875A1436
Helical Worm	875	2.2	36	506	1840	3.64	39	4	60	875Z1336
Helical Worm	875	2.2	36	506	1840	3.64	39	4	70	875A1336
Helical Worm	875	2.2	41	454	1800	3.96	35	4	60	875Z1236
Helical Worm	875	2.2	41	454	1800	3.96	35	4	70	875A1236
Helical Worm	875	3	9	2521	2350	0.93	153	4	70	875A2538
Helical Worm	875	3	10	2304	2310	1	139	4	70	875A2438
Helical Worm	875	3	12	2057	2850	1.39	117	4	70	875A2338
Helical Worm	875	3	14	1660	2160	1.3	98	4	70	875A2138
Helical Worm	875	3	14	1791	2760	1.54	102	4	70	875A2238
Helical Worm	875	3	16	1476	2120	1.44	87	4	70	875A2038
Helical Worm	875	3	19	1352	2560	1.89	76	4	70	875A1938
Helical Worm	875	3	20	1234	2490	2.02	69	4	70	875A1838
Helical Worm	875	3	22	1094	2010	1.84	63	4	70	875A1738
Helical Worm	875	3	26	946	1960	2.07	54	4	70	875A1638
Helical Worm	875	3	29	886	2250	2.54	49	4	60	875Z1538
Helical Worm	875	3	29	886	2250	2.54	49	4	70	875A1538
Helical Worm	875	3	33	790	2170	2.75	43	4	60	875Z1438
Helical Worm	875	3	33	790	2170	2.75	43	4	70	875A1438
Helical Worm	875	3	36	693	1840	2.66	39	4	60	875Z1338
Helical Worm	875	3	36	693	1840	2.66	39	4	70	875A1338
Helical Worm	875	3	40	622	1800	2.89	35	4	60	875Z1238
Helical Worm	875	3	40	622	1800	2.89	35	4	70	875A1238
Helical Worm	875	3	45	580	1950	3.36	31	4	60	875Z1138
Helical Worm	875	3	45	580	1950	3.36	31	4	70	875A1138
Helical Worm	875	3	52	482	1700	3.53	27	4	60	875Z1038
Helical Worm	875	3	52	482	1700	3.53	27	4	70	875A1038
Helical Worm	875	3	58	436	1650	3.78	24	4	60	875Z0938
Helical Worm	875	3	58	436	1650	3.78	24	4	70	875A0938
Helical Worm	875	4	12	2698	2850	1.06	117	4	70	875A2346
Helical Worm	875	4	14	2354	2760	1.17	102	4	70	875A2246
Helical Worm	875	4	15	2183	2160	0.99	98	4	70	875A2146
Helical Worm	875	4	17	1945	2120	1.09	87	4	70	875A2046
Helical Worm	875	4	19	1783	2560	1.44	76	4	70	875A1946
Helical Worm	875	4	21	1621	2490	1.54	69	4	70	875A1846
Helical Worm	875	4	23	1433	2010	1.4	63	4	70	875A1746

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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	875	4	26	1242	1960	1.58	54	4	70	875A1646
Helical Worm	875	4	29	1165	2250	1.93	49	4	60	875Z1546
Helical Worm	875	4	29	1165	2250	1.93	49	4	70	875A1546
Helical Worm	875	4	33	1037	2170	2.09	43	4	60	875Z1446
Helical Worm	875	4	33	1037	2170	2.09	43	4	70	875A1446
Helical Worm	875	4	36	912	1840	2.02	39	4	60	875Z1346
Helical Worm	875	4	36	912	1840	2.02	39	4	70	875A1346
Helical Worm	875	4	41	817	1800	2.2	35	4	60	875Z1246
Helical Worm	875	4	41	817	1800	2.2	35	4	70	875A1246
Helical Worm	875	4	45	763	1950	2.56	31	4	60	875Z1146
Helical Worm	875	4	45	763	1950	2.56	31	4	70	875A1146
Helical Worm	875	4	53	634	1700	2.68	27	4	60	875Z1046
Helical Worm	875	4	53	634	1700	2.68	27	4	70	875A1046
Helical Worm	875	4	59	573	1650	2.88	24	4	60	875Z0946
Helical Worm	875	4	59	573	1650	2.88	24	4	70	875A0946
Helical Worm	875	4	65	517	1580	3.06	22	4	60	875Z0846
Helical Worm	875	4	65	517	1580	3.06	22	4	70	875A0846
Helical Worm	875	4	73	481	1650	3.43	19	4	60	875Z0746
Helical Worm	875	4	73	481	1650	3.43	19	4	70	875A0746
Helical Worm	875	4	82	430	1580	3.67	17	4	60	875Z0646
Helical Worm	875	4	82	430	1580	3.67	17	4	70	875A0646
Helical Worm	875	4	93	368	1390	3.78	15	4	60	875Z0546
Helical Worm	875	4	93	368	1390	3.78	15	4	70	875A0546
Helical Worm	875	5.5	19	2413	2560	1.06	76	4	70	875A1954
Helical Worm	875	5.5	21	2197	2490	1.13	69	4	70	875A1854
Helical Worm	875	5.5	23	1944	2010	1.03	63	4	70	875A1754
Helical Worm	875	5.5	27	1689	1960	1.16	54	4	70	875A1654
Helical Worm	875	5.5	30	1580	2250	1.42	49	4	60	875Z1554
Helical Worm	875	5.5	30	1580	2250	1.42	49	4	70	875A1554
Helical Worm	875	5.5	34	1404	2170	1.55	43	4	60	875Z1454
Helical Worm	875	5.5	34	1404	2170	1.55	43	4	70	875A1454
Helical Worm	875	5.5	37	1233	1840	1.49	39	4	60	875Z1354
Helical Worm	875	5.5	37	1233	1840	1.49	39	4	70	875A1354
Helical Worm	875	5.5	42	1107	1800	1.63	35	4	60	875Z1254
Helical Worm	875	5.5	42	1107	1800	1.63	35	4	70	875A1254
Helical Worm	875	5.5	46	1035	1950	1.88	31	4	60	875Z1154
Helical Worm	875	5.5	46	1035	1950	1.88	31	4	70	875A1154
Helical Worm	875	5.5	54	860	1700	1.98	27	4	60	875Z1054
Helical Worm	875	5.5	54	860	1700	1.98	27	4	70	875A1054
Helical Worm	875	5.5	60	777	1650	2.12	24	4	60	875Z0954
Helical Worm	875	5.5	60	777	1650	2.12	24	4	70	875A0954
Helical Worm	875	5.5	66	701	1580	2.25	22	4	60	875Z0854
Helical Worm	875	5.5	66	701	1580	2.25	22	4	70	875A0854
Helical Worm	875	5.5	74	653	1650	2.53	19	4	60	875Z0754
Helical Worm	875	5.5	74	653	1650	2.53	19	4	70	875A0754
Helical Worm	875	5.5	83	583	1580	2.71	17	4	60	875Z0654
Helical Worm	875	5.5	83	583	1580	2.71	17	4	70	875A0654
Helical Worm	875	5.5	94	499	1390	2.79	15	4	60	875Z0554
Helical Worm	875	5.5	94	499	1390	2.79	15	4	70	875A0554
Helical Worm	875	5.5	107	451	1430	3.17	13	4	60	875Z0454
Helical Worm	875	5.5	107	451	1430	3.17	13	4	70	875A0454

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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	875	5.5	119	407	1380	3.39	12	4	60	875Z0354
Helical Worm	875	5.5	119	407	1380	3.39	12	4	70	875A0354
Helical Worm	875	5.5	133	366	1320	3.61	11	4	60	875Z0254
Helical Worm	875	5.5	133	366	1320	3.61	11	4	70	875A0254
Helical Worm	875	7.5	21	3010	2490	0.83	69	4	70	875A1856
Helical Worm	875	7.5	27	2311	1960	0.85	54	4	70	875A1656
Helical Worm	875	7.5	30	2162	2250	1.04	49	4	60	875Z1556
Helical Worm	875	7.5	30	2162	2250	1.04	49	4	70	875A1556
Helical Worm	875	7.5	33	1926	2170	1.13	43	4	60	875Z1456
Helical Worm	875	7.5	33	1926	2170	1.13	43	4	70	875A1456
Helical Worm	875	7.5	37	1691	1840	1.09	39	4	60	875Z1356
Helical Worm	875	7.5	37	1691	1840	1.09	39	4	70	875A1356
Helical Worm	875	7.5	41	1516	1800	1.19	35	4	60	875Z1256
Helical Worm	875	7.5	41	1516	1800	1.19	35	4	70	875A1256
Helical Worm	875	7.5	46	1415	1950	1.38	31	4	60	875Z1156
Helical Worm	875	7.5	46	1415	1950	1.38	31	4	70	875A1156
Helical Worm	875	7.5	54	1175	1700	1.45	27	4	60	875Z1056
Helical Worm	875	7.5	54	1175	1700	1.45	27	4	70	875A1056
Helical Worm	875	7.5	60	1062	1650	1.55	24	4	60	875Z0956
Helical Worm	875	7.5	60	1062	1650	1.55	24	4	70	875A0956
Helical Worm	875	7.5	66	961	1580	1.64	22	4	60	875Z0856
Helical Worm	875	7.5	66	961	1580	1.64	22	4	70	875A0856
Helical Worm	875	7.5	74	894	1650	1.85	19	4	60	875Z0756
Helical Worm	875	7.5	74	894	1650	1.85	19	4	70	875A0756
Helical Worm	875	7.5	83	798	1580	1.98	17	4	60	875Z0656
Helical Worm	875	7.5	83	798	1580	1.98	17	4	70	875A0656
Helical Worm	875	7.5	94	684	1390	2.03	15	4	60	875Z0556
Helical Worm	875	7.5	94	684	1390	2.03	15	4	70	875A0556
Helical Worm	875	7.5	107	618	1430	2.31	13	4	60	875Z0456
Helical Worm	875	7.5	107	618	1430	2.31	13	4	70	875A0456
Helical Worm	875	7.5	119	557	1380	2.48	12	4	60	875Z0356
Helical Worm	875	7.5	119	557	1380	2.48	12	4	70	875A0356
Helical Worm	875	7.5	132	501	1320	2.63	11	4	60	875Z0256
Helical Worm	875	7.5	132	501	1320	2.63	11	4	70	875A0256
Helical Worm	875	7.5	187	353	977	2.77	7	4	60	875Z0156
Helical Worm	875	7.5	187	353	977	2.77	7	4	70	875A0156
Helical Worm	875	11	42	2197	1800	0.82	35	4	60	875Z1266
Helical Worm	875	11	42	2197	1800	0.82	35	4	70	875A1266
Helical Worm	875	11	46	2052	1950	0.95	31	4	60	875Z1166
Helical Worm	875	11	46	2052	1950	0.95	31	4	70	875A1166
Helical Worm	875	11	54	1708	1700	1	27	4	60	875Z1066
Helical Worm	875	11	54	1708	1700	1	27	4	70	875A1066
Helical Worm	875	11	60	1543	1650	1.07	24	4	60	875Z0966
Helical Worm	875	11	60	1543	1650	1.07	24	4	70	875A0966
Helical Worm	875	11	67	1394	1580	1.13	22	4	60	875Z0866
Helical Worm	875	11	67	1394	1580	1.13	22	4	70	875A0866
Helical Worm	875	11	74	1297	1650	1.27	19	4	60	875Z0766
Helical Worm	875	11	74	1297	1650	1.27	19	4	70	875A0766
Helical Worm	875	11	84	1159	1580	1.36	17	4	60	875Z0666
Helical Worm	875	11	84	1159	1580	1.36	17	4	70	875A0666
Helical Worm	875	11	95	992	1390	1.4	15	4	60	875Z0566

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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	875	11	95	992	1390	1.4	15	4	70	875A0566
Helical Worm	875	11	108	897	1430	1.59	13	4	60	875Z0466
Helical Worm	875	11	108	897	1430	1.59	13	4	70	875A0466
Helical Worm	875	11	120	809	1380	1.71	12	4	60	875Z0366
Helical Worm	875	11	120	809	1380	1.71	12	4	70	875A0366
Helical Worm	875	11	134	727	1320	1.82	11	4	60	875Z0266
Helical Worm	875	11	134	727	1320	1.82	11	4	70	875A0266
Helical Worm	875	11	189	512	977	1.91	7	4	60	875Z0166
Helical Worm	875	11	189	512	977	1.91	7	4	70	875A0166
Helical Worm	875	15	67	1907	1580	0.83	22	4	60	875Z0868
Helical Worm	875	15	67	1907	1580	0.83	22	4	70	875A0868
Helical Worm	875	15	74	1776	1650	0.93	19	4	60	875Z0768
Helical Worm	875	15	74	1776	1650	0.93	19	4	70	875A0768
Helical Worm	875	15	83	1586	1580	1	17	4	60	875Z0668
Helical Worm	875	15	83	1586	1580	1	17	4	70	875A0668
Helical Worm	875	15	94	1357	1390	1.02	15	4	60	875Z0568
Helical Worm	875	15	94	1357	1390	1.02	15	4	70	875A0568
Helical Worm	875	15	108	1228	1430	1.16	13	4	60	875Z0468
Helical Worm	875	15	108	1228	1430	1.16	13	4	70	875A0468
Helical Worm	875	15	120	1107	1380	1.25	12	4	60	875Z0368
Helical Worm	875	15	120	1107	1380	1.25	12	4	70	875A0368
Helical Worm	875	15	133	994	1320	1.33	11	4	60	875Z0268
Helical Worm	875	15	133	994	1320	1.33	11	4	70	875A0268
Helical Worm	875	15	189	701	977	1.39	7	4	60	875Z0168
Helical Worm	875	15	189	701	977	1.39	7	4	70	875A0168

Max. 200 articles in the table

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