

FENNER C series geared motor size 870

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

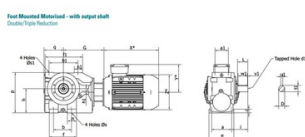
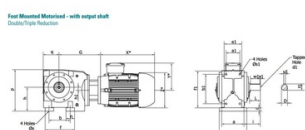
Series: C

Type of gearbox: Helical Worm

Size: 870

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



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
										87IG0310C
Helical Worm	870	0.18	6	169	149	0.88	217	4	B3	870A2602
Helical Worm	870	0.18	7	152	149	0.98	200	4	B3	870A4602
Helical Worm	870	0.18	9	124	149	1.2	157	4	B3	870A2502
Helical Worm	870	0.18	10	112	149	1.33	142	4	B3	870A2402
Helical Worm	870	0.18	11	122	127	1.04	129	4	B3	870A2302
Helical Worm	870	0.18	12	107	129	1.21	114	4	B3	870A2202
Helical Worm	870	0.18	14	82	143	1.74	101	4	B3	870A2102
Helical Worm	870	0.18	16	71	139	1.96	86	4	B3	870A2002
Helical Worm	870	0.18	17	79	147	1.86	82	4	B3	870A1902
Helical Worm	870	0.18	19	71	143	2.01	74	4	B3	870A1802
Helical Worm	870	0.18	22	54	124	2.3	64	4	B3	870A1702
Helical Worm	870	0.18	25	47	120	2.55	56	4	B3	870A1602
Helical Worm	870	0.18	26	52	127	2.44	53	4	B3	870A1502
Helical Worm	870	0.18	30	45	122	2.71	45	4	B3	870A1402
Helical Worm	870	0.18	35	34	110	3.24	39	4	B3	870A1302
Helical Worm	870	0.18	38	31	107	3.45	36	4	B3	870A1202
Helical Worm	870	0.18	41	33	113	3.42	33	4	B3	870A1102
Helical Worm	870	0.18	49	25	101	4.04	28	4	B3	870A1002
Helical Worm	870	0.18	55	22	97	4.41	25	4	B3	870A0902
Helical Worm	870	0.18	62	20	94	4.7	22	4	B3	870A0802

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Type of gearbox	Size	Motor power	Speed	Output Torque	Rated torque	Service Factor (maximum)	Gear Ratio	Number of poles	Mounting position	Article
		kW		Nm	Nm					
Helical Worm	870	0.18	67	21	101	4.81	20	4	B3	870A0702
Helical Worm	870	0.18	72	19	99	5.21	19	4	B3	870A0602
Helical Worm	870	0.18	84	15	87	5.8	16	4	B3	870A0502
Helical Worm	870	0.18	92	15	93	6.2	14	4	B3	870A0402
Helical Worm	870	0.18	105	13	90	6.92	13	4	B3	870A0302
Helical Worm	870	0.18	119	12	87	7.25	11	4	B3	870A0202
Helical Worm	870	0.18	161	9	80	8.89	8	4	B3	870A0102
Helical Worm	870	0.25	9	175	149	0.85	157	4	B3	870A2506
Helical Worm	870	0.25	10	153	149	0.97	140	4	B3	870A4306
Helical Worm	870	0.25	10	158	149	0.94	142	4	B3	870A2406
Helical Worm	870	0.25	11	142	148	1.04	130	4	B3	870A4206
Helical Worm	870	0.25	11	156	149	0.96	120	4	B3	870A4106
Helical Worm	870	0.25	12	151	129	0.85	114	4	B3	870A2206
Helical Worm	870	0.25	13	116	143	1.23	101	4	B3	870A2106
Helical Worm	870	0.25	16	100	139	1.39	86	4	B3	870A2006
Helical Worm	870	0.25	16	111	147	1.32	82	4	B3	870A1906
Helical Worm	870	0.25	18	100	143	1.43	74	4	B3	870A1806
Helical Worm	870	0.25	21	76	124	1.63	64	4	B3	870A1706
Helical Worm	870	0.25	24	67	120	1.79	56	4	B3	870A1606
Helical Worm	870	0.25	26	73	127	1.74	53	4	B3	870A1506
Helical Worm	870	0.25	30	63	122	1.94	45	4	B3	870A1406
Helical Worm	870	0.25	35	48	110	2.29	39	4	B3	870A1306
Helical Worm	870	0.25	37	44	107	2.43	36	4	B3	870A1206
Helical Worm	870	0.25	40	47	113	2.4	33	4	B3	870A1106
Helical Worm	870	0.25	48	35	101	2.89	28	4	B3	870A1006
Helical Worm	870	0.25	54	31	97	3.13	25	4	B3	870A0906
Helical Worm	870	0.25	62	28	94	3.36	22	4	B3	870A0806
Helical Worm	870	0.25	66	29	101	3.48	20	4	B3	870A0706
Helical Worm	870	0.25	71	27	99	3.67	19	4	B3	870A0606
Helical Worm	870	0.25	83	21	87	4.14	16	4	B3	870A0506
Helical Worm	870	0.25	91	21	93	4.43	14	4	B3	870A0406
Helical Worm	870	0.25	103	19	90	4.74	13	4	B3	870A0306
Helical Worm	870	0.25	117	17	87	5.12	11	4	B3	870A0206
Helical Worm	870	0.25	158	12	80	6.67	8	4	B3	870A0106
Helical Worm	870	0.37	16	148	139	0.94	86	4	B3	870A2008
Helical Worm	870	0.37	17	163	147	0.9	82	4	B3	870A1908
Helical Worm	870	0.37	18	148	143	0.97	74	4	B3	870A1808
Helical Worm	870	0.37	21	111	124	1.12	64	4	B3	870A1708
Helical Worm	870	0.37	24	98	120	1.22	56	4	B3	870A1608
Helical Worm	870	0.37	26	108	127	1.18	53	4	B3	870A1508
Helical Worm	870	0.37	30	93	122	1.31	45	4	B3	870A1408
Helical Worm	870	0.37	35	70	110	1.57	39	4	B3	870A1308
Helical Worm	870	0.37	38	65	107	1.65	36	4	B3	870A1208
Helical Worm	870	0.37	41	69	113	1.64	33	4	B3	870A1108
Helical Worm	870	0.37	48	52	101	1.94	28	4	B3	870A1008
Helical Worm	870	0.37	54	46	97	2.11	25	4	B3	870A0908
Helical Worm	870	0.37	62	41	94	2.29	22	4	B3	870A0808
Helical Worm	870	0.37	66	43	101	2.35	20	4	B3	870A0708
Helical Worm	870	0.37	71	40	99	2.48	19	4	B3	870A0608
Helical Worm	870	0.37	83	31	87	2.81	16	4	B3	870A0508
Helical Worm	870	0.37	91	32	93	2.91	14	4	B3	870A0408

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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
Helical Worm	870	0.37	103	28	90	3.21	13	4	B3	870A0308
Helical Worm	870	0.37	118	25	87	3.48	11	4	B3	870A0208
Helical Worm	870	0.37	159	18	80	4.44	8	4	B3	870A0108
Helical Worm	870	0.55	25	142	120	0.85	56	4	B3	870A1616
Helical Worm	870	0.55	26	155	127	0.82	53	4	B3	870A1516
Helical Worm	870	0.55	31	133	122	0.92	45	4	B3	870A1416
Helical Worm	870	0.55	36	101	110	1.09	39	4	B3	870A1316
Helical Worm	870	0.55	39	94	107	1.14	36	4	B3	870A1216
Helical Worm	870	0.55	42	99	113	1.14	33	4	B3	870A1116
Helical Worm	870	0.55	50	75	101	1.35	28	4	B3	870A1016
Helical Worm	870	0.55	56	66	97	1.47	25	4	B3	870A0916
Helical Worm	870	0.55	64	59	94	1.59	22	4	B3	870A0816
Helical Worm	870	0.55	68	62	101	1.63	20	4	B3	870A0716
Helical Worm	870	0.55	74	58	99	1.71	19	4	B3	870A0616
Helical Worm	870	0.55	86	44	87	1.98	16	4	B3	870A0516
Helical Worm	870	0.55	94	45	93	2.07	14	4	B3	870A0416
Helical Worm	870	0.55	107	40	90	2.25	13	4	B3	870A0316
Helical Worm	870	0.55	121	35	87	2.49	11	4	B3	870A0216
Helical Worm	870	0.55	164	26	80	3.08	8	4	B3	870A0116
Helical Worm	870	0.75	39	128	107	0.84	36	4	B3	870A1218
Helical Worm	870	0.75	42	135	113	0.84	33	4	B3	870A1118
Helical Worm	870	0.75	50	102	101	0.99	28	4	B3	870A1018
Helical Worm	870	0.75	56	90	97	1.08	25	4	B3	870A0918
Helical Worm	870	0.75	64	80	94	1.18	22	4	B3	870A0818
Helical Worm	870	0.75	68	84	101	1.2	20	4	B3	870A0718
Helical Worm	870	0.75	74	79	99	1.25	19	4	B3	870A0618
Helical Worm	870	0.75	86	60	87	1.45	16	4	B3	870A0518
Helical Worm	870	0.75	94	62	93	1.5	14	4	B3	870A0418
Helical Worm	870	0.75	107	55	90	1.64	13	4	B3	870A0318
Helical Worm	870	0.75	121	48	87	1.81	11	4	B3	870A0218
Helical Worm	870	0.75	164	36	80	2.22	8	4	B3	870A0118
Helical Worm	870	1.1	65	115	94	0.82	22	4	B3	870A0824
Helical Worm	870	1.1	70	121	101	0.83	20	4	B3	870A0724
Helical Worm	870	1.1	75	113	99	0.88	19	4	B3	870A0624
Helical Worm	870	1.1	88	87	87	1	16	4	B3	870A0524
Helical Worm	870	1.1	96	89	93	1.04	14	4	B3	870A0424
Helical Worm	870	1.1	109	78	90	1.15	13	4	B3	870A0324
Helical Worm	870	1.1	124	69	87	1.26	11	4	B3	870A0224
Helical Worm	870	1.1	168	52	80	1.54	8	4	B3	870A0124
Helical Worm	870	1.5	109	107	90	0.84	13	4	B3	870A0328
Helical Worm	870	1.5	124	95	87	0.92	11	4	B3	870A0228
Helical Worm	870	1.5	168	70	80	1.14	8	4	B3	870A0128

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