

REDUTOR GC

Esta classe de redutores com eixos concêntricos de engrenagens cilíndricas helicoidais cementados, temperados e totalmente retificados garantem qualidade de funcionamento e durabilidade. Quando acoplado a motores elétricos, formam um conjunto único, compacto, silencioso e sem vibrações. Existem várias opções de redução que podem variar de 1x7,24 a 1x226,80 e nos permitem diversas aplicações.



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TABELA DE POTÊNCIAS

MODELO	RED	1700 RPM - MOTOR 4P 60 Hz					1400 RPM - MOTOR 4P 50 Hz					1150 RPM - MOTOR 6P 60 Hz					η
		Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	
GC 15/2R	7.89	1.50	1.10	47.0	215.4	2.66	1.00	0.75	38.0	177.4	3.29	0.75	0.55	34.7	145.7	3.60	96%
	10.68	1.50	1.10	63.5	159.2	1.97	1.00	0.75	51.4	131.1	2.43	0.75	0.55	47.0	107.7	2.66	96%
	13.09	1.50	1.10	77.9	129.9	1.60	1.00	0.75	63.1	107.0	1.98	0.75	0.55	57.6	87.9	2.17	96%
	14.08	1.50	1.10	83.8	120.7	1.49	1.00	0.75	67.8	99.4	1.84	0.75	0.55	61.9	81.7	2.02	96%
	16.47	1.50	1.10	98.0	103.2	1.28	1.00	0.75	79.3	85.0	1.58	0.75	0.55	72.4	69.8	1.73	96%
	19.58	1.50	1.10	116.6	86.8	1.07	1.00	0.75	94.4	71.5	1.32	0.75	0.55	86.1	58.7	1.45	96%
	21.53	1.50	1.10	125.0	78.9	1.00	1.00	0.75	103.7	65.0	1.20	0.75	0.55	94.7	53.4	1.32	96%
	26.60	1.00	0.75	105.5	63.9	1.18	1.00	0.75	125.0	52.6	1.00	0.75	0.55	117.0	43.2	1.07	96%
GC 15/3R	29.25	1.00	0.75	113.6	58.1	1.10	0.75	0.55	105.7	47.9	1.18	0.75	0.55	125.0	39.3	1.00	94%
	34.20	0.75	0.55	99.6	49.7	1.25	0.75	0.55	121.0	40.9	1.03	0.50	0.37	100.3	33.6	1.25	94%
	37.13	0.75	0.55	108.2	45.8	1.16	0.75	0.55	125.0	37.7	1.00	0.50	0.37	108.9	31.0	1.15	94%
	39.56	0.75	0.55	115.3	43.0	1.08	0.50	0.37	93.3	35.4	1.34	0.50	0.37	116.0	29.1	1.08	94%
	43.41	0.75	0.55	125.0	39.2	1.00	0.50	0.37	102.4	32.2	1.22	0.50	0.37	125.0	26.5	1.00	94%
	48.51	0.50	0.37	94.2	35.0	1.33	0.50	0.37	114.4	28.9	1.09	0.33	0.25	93.9	23.7	1.33	94%
	52.19	0.50	0.37	101.4	32.6	1.23	0.50	0.37	123.1	26.8	1.02	0.33	0.25	102.0	22.0	1.23	94%
	56.33	0.50	0.37	109.4	30.2	1.14	0.33	0.25	87.7	24.9	1.43	0.33	0.25	109.0	20.4	1.15	94%
	61.02	0.50	0.37	118.5	27.9	1.05	0.33	0.25	95.0	22.9	1.32	0.33	0.25	118.1	18.8	1.06	94%
	65.87	0.50	0.37	125.0	25.8	1.00	0.33	0.25	102.5	21.3	1.22	0.33	0.25	127.5	17.5	0.98	94%
	72.58	0.33	0.25	94.0	23.4	1.33	0.33	0.25	113.0	19.3	1.11	0.25	0.18	106.4	15.8	1.17	94%
	79.80	0.33	0.25	103.3	21.3	1.21	0.33	0.25	124.2	17.5	1.01	0.25	0.18	117.0	14.4	1.07	94%
	84.87	0.33	0.25	108.8	20.0	1.15	0.25	0.18	100.1	16.5	1.25	0.25	0.18	124.4	13.6	1.00	94%
	93.31	0.33	0.25	119.6	18.2	1.04	0.25	0.18	110.0	15.0	1.14	0.16	0.12	87.6	12.3	1.43	94%
	98.58	0.33	0.25	125.0	17.2	1.00	0.25	0.18	116.3	14.2	1.08	0.16	0.12	92.5	11.7	1.35	94%
	115.27	0.25	0.18	112.0	14.7	1.12	0.16	0.12	87.0	12.1	1.44	0.16	0.12	108.2	10.0	1.16	94%
GC25/2R	7.33	3.00	2.20	87.2	232.0	2.87	2.00	1.50	70.6	191.1	3.54	1.50	1.10	64.5	157.0	3.88	96%
	8.64	3.00	2.20	102.9	196.7	2.43	2.00	1.50	83.3	162.0	3.00	1.50	1.10	76.0	133.1	3.29	96%
	10.31	3.00	2.20	122.7	164.9	2.04	2.00	1.50	99.4	135.8	2.52	1.50	1.10	90.7	111.5	2.76	96%
	12.49	3.00	2.20	148.7	136.1	1.68	2.00	1.50	120.4	112.1	2.08	1.50	1.10	109.9	92.1	2.27	96%
	15.47	3.00	2.20	184.1	109.9	1.36	2.00	1.50	149.0	90.5	1.68	1.50	1.10	136.1	74.4	1.84	96%
	17.08	3.00	2.20	203.3	99.5	1.23	2.00	1.50	164.6	82.0	1.52	1.50	1.10	150.2	67.3	1.66	96%
	19.93	3.00	2.20	237.2	85.3	1.05	2.00	1.50	192.0	70.3	1.30	1.50	1.10	175.3	57.7	1.43	96%
	21.91	3.00	2.20	260.8	77.6	1.00	2.00	1.50	211.1	63.9	1.18	1.50	1.10	192.8	52.5	1.30	96%
	24.25	2.00	1.50	192.5	70.1	1.30	2.00	1.50	233.7	57.7	1.07	1.50	1.10	213.4	47.4	1.17	96%
GC25/3R	27.07	2.00	1.50	214.8	62.8	1.16	2.00	1.50	250.0	51.7	1.00	1.50	1.10	238.1	42.5	1.05	96%
	31.26	2.00	1.50	242.9	54.4	1.03	1.50	1.10	221.2	44.8	1.13	1.00	0.75	179.5	36.8	1.39	94%
	36.88	1.50	1.10	214.9	46.1	1.16	1.50	1.10	250.0	38.0	1.00	1.00	0.75	211.8	31.2	1.18	94%
	43.99	1.50	1.10	250.0	38.6	1.00	1.00	0.75	207.5	31.8	1.20	1.00	0.75	250.0	26.1	1.00	94%
	53.30	1.00	0.75	207.1	31.9	1.21	1.00	0.75	251.4	26.3	1.00	0.75	0.55	229.6	21.6	1.09	94%
	60.10	1.00	0.75	233.5	28.3	1.07	0.75	0.55	212.6	23.3	1.18	0.75	0.55	250.0	19.1	1.00	94%
	65.99	1.00	0.75	250.0	25.8	1.00	0.75	0.55	233.5	21.2	1.07	0.50	0.37	189.5	17.4	1.32	94%
	72.87	0.75	0.55	212.3	23.3	1.18	0.75	0.55	250.0	19.2	1.00	0.50	0.37	209.2	15.8	1.19	94%
	85.03	0.75	0.55	247.7	20.0	1.01	0.50	0.37	200.6	16.5	1.25	0.50	0.37	244.2	13.5	1.02	94%
	93.49	0.50	0.37	181.6	18.2	1.38	0.50	0.37	220.5	15.0	1.13	0.33	0.25	177.2	12.3	1.41	94%
	103.49	0.50	0.37	201.0	16.4	1.24	0.50	0.37	244.1	13.5	1.02	0.33	0.25	196.1	11.1	1.27	94%
	115.48	0.50	0.37	224.3	14.7	1.11	0.33	0.25	179.8	12.1	1.39	0.33	0.25	218.9	10.0	1.14	94%
	133.48	0.50	0.37	250.0	12.7	1.00	0.33	0.25	207.8	10.5	1.20	0.33	0.25	250.0	8.6	1.00	94%
	148.48	0.33	0.25	190.4	11.4	1.31	0.33	0.25	231.1	9.4	1.08	0.25	0.18	213.2	7.7	1.17	94%

TABELA DE POTÊNCIAS

MODELO	RED	T máx. (Nm)	1700 RPM - MOTOR 4P 60 Hz					1400 RPM - MOTOR 4P 50 Hz					1150 RPM - MOTOR 6P 60 Hz					η
			Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	
GC 35/2R	7,62	450	7,50	5,50	226,61	223,23	1,99	5,50	4,00	201,79	183,84	2,23	4,00	3,00	178,66	151,01	2,52	96%
	8,88	450	7,50	5,50	264,38	191,34	1,70	5,50	4,00	235,42	157,58	1,91	4,00	3,00	208,44	129,44	2,16	96%
	11,35	450	7,50	5,50	337,69	149,80	1,33	5,50	4,00	300,71	123,37	1,50	4,00	3,00	266,24	101,34	1,69	96%
	13,54	450	7,50	5,50	402,86	125,57	1,12	5,50	4,00	358,74	103,41	1,25	4,00	3,00	317,62	84,94	1,42	96%
	16,40	450	6,00	4,50	390,47	103,64	1,15	5,50	4,00	434,63	85,35	1,04	4,00	3,00	384,81	70,11	1,17	96%
	18,49	450	6,00	4,50	440,27	91,92	1,02	4,00	3,00	356,41	75,70	1,26	4,00	3,00	433,89	62,18	1,04	96%
	20,31	450	5,00	3,70	402,86	83,71	1,12	4,00	3,00	391,35	68,94	1,15	3,00	2,20	357,32	56,63	1,26	96%
	22,42	450	5,00	3,70	444,83	75,81	1,01	4,00	3,00	432,12	62,44	1,04	3,00	2,20	394,54	51,29	1,14	96%
	26,17	450	4,00	3,00	415,26	64,97	1,08	3,00	2,20	378,18	53,51	1,19	2,00	1,50	306,93	43,95	1,47	96%
	28,77	450	4,00	3,00	450,00	59,09	1,00	3,00	2,20	415,81	48,66	1,08	2,00	1,50	337,47	39,97	1,33	96%
GC 35/3R	31,01	450	3,00	2,20	361,36	54,83	1,25	3,00	2,20	438,80	45,15	1,03	2,00	1,50	356,12	37,09	1,26	94%
	36,17	450	3,00	2,20	421,59	47,00	1,07	2,00	1,50	341,29	38,70	1,32	2,00	1,50	415,48	31,79	1,08	94%
	46,20	450	2,00	1,50	359,00	36,79	1,25	2,00	1,50	435,93	30,30	1,03	1,50	1,10	398,02	24,89	1,13	94%
	55,12	450	2,00	1,50	428,28	30,84	1,05	1,50	1,10	390,04	25,40	1,15	1,00	0,75	316,56	20,86	1,42	94%
	66,78	450	1,50	1,10	389,16	25,46	1,16	1,00	0,75	315,03	20,96	1,43	1,00	0,75	383,52	17,22	1,17	94%
	75,30	450	1,50	1,10	438,80	22,58	1,03	1,00	0,75	355,22	18,59	1,27	1,00	0,75	432,44	15,27	1,04	94%
	82,68	450	1,00	0,75	321,21	20,56	1,40	1,00	0,75	390,04	16,93	1,15	0,75	0,55	356,12	13,91	1,26	94%
	91,29	450	1,00	0,75	354,67	18,62	1,27	1,00	0,75	430,67	15,34	1,04	0,75	0,55	393,22	12,60	1,14	94%
	106,53	450	1,00	0,75	413,87	15,96	1,09	0,75	0,55	376,91	13,14	1,19	0,75	0,55	450,00	10,79	1,00	94%
	117,13	450	1,00	0,75	450,00	14,51	1,00	0,75	0,55	414,42	11,95	1,09	0,50	0,37	336,34	9,82	1,34	94%
	129,66	450	0,75	0,55	377,79	13,11	1,19	0,75	0,55	450,00	10,80	1,00	0,50	0,37	372,31	8,87	1,21	94%
	144,69	450	0,75	0,55	421,59	11,75	1,07	0,50	0,37	341,29	9,68	1,32	0,50	0,37	415,48	7,95	1,08	94%
	167,24	450	0,50	0,37	324,86	10,16	1,39	0,50	0,37	394,47	8,37	1,14	0,33	0,25	316,95	6,88	1,42	94%
	186,03	450	0,50	0,37	361,36	9,14	1,25	0,50	0,37	438,80	7,53	1,03	0,33	0,25	352,56	6,18	1,28	94%
GC35/3R GA56	213,70	500	0,5	0,37	406,3	7,96	1,2	0,5	0,37	493,3	6,55	1,0	0,33	0,25	400,4	5,38	1,25	92%
	260,44	500	0,5	0,37	495,1	6,53	1,0	0,33	0,25	400,8	5,38	1,2	0,33	0,25	488,0	4,42	1,02	92%
	300,51	500	0,33	0,25	377,1	5,66	1,3	0,33	0,25	462,5	4,66	1,1	0,25	0,18	422,3	3,83	1,18	92%
	353,27	500	0,33	0,25	443,3	4,81	1,1	0,25	0,18	407,8	3,96	1,2	0,25	0,18	496,4	3,26	1,01	92%
	385,32	500	0,33	0,25	483,5	4,41	1,0	0,25	0,18	444,8	3,63	1,1	0,16	0,12	346,5	2,98	1,44	92%
	422,72	500	0,25	0,18	401,8	4,02	1,2	0,25	0,18	487,9	3,31	1,0	0,16	0,12	380,2	2,72	1,32	92%
	467,46	500	0,25	0,18	444,4	3,64	1,1	0,16	0,12	345,3	2,99	1,4	0,16	0,12	420,4	2,46	1,19	92%
GC35/3R GC15/2R	588,68	500	0,16	0,12	350,3	2,89	1,4	0,16	0,12	425,4	2,38	1,2	0,16	0,12	500 *	1,95	1	90%
	721,52	500	0,16	0,12	429,4	2,36	1,2	0,16	0,12	500 *	1,94	1	0,16	0,12	500 *	1,59	1	90%
	776,09	500	0,16	0,12	461,9	2,19	1,1	0,16	0,12	500 *	1,80	1	0,16	0,12	500 *	1,48	1	90%
	907,83	500	0,16	0,12	500 *	1,87	1	0,16	0,12	500 *	1,54	1	0,16	0,12	500 *	1,27	1	90%
	1079,25	500	0,16	0,12	500 *	1,58	1	0,16	0,12	500 *	1,30	1	0,16	0,12	500 *	1,07	1	90%
	1186,73	500	0,16	0,12	500 *	1,43	1	0,16	0,12	500 *	1,18	1	0,16	0,12	500 *	0,97	1	90%
	1466,19	500	0,16	0,12	500 *	1,16	1	0,16	0,12	500 *	0,95	1	0,16	0,12	500 *	0,78	1	90%
GC35/3R GC15/3R	1612,26	500	0,16	0,12	500 *	1,05	1	0,16	0,12	500 *	0,87	1	0,16	0,12	500 *	0,71	1	88%
	1885,10	500	0,16	0,12	500 *	0,90	1	0,16	0,12	500 *	0,74	1	0,16	0,12	500 *	0,61	1	88%
	2046,61	500	0,16	0,12	500 *	0,83	1	0,16	0,12	500 *	0,68	1	0,16	0,12	500 *	0,56	1	88%
	2180,55	500	0,16	0,12	500 *	0,78	1	0,16	0,12	500 *	0,64	1	0,16	0,12	500 *	0,53	1	88%
	2673,87	500	0,16	0,12	500 *	0,64	1	0,16	0,12	500 *	0,52	1	0,16	0,12	500 *	0,43	1	88%
	3104,91	500	0,16	0,12	500 *	0,55	1	0,16	0,12	500 *	0,45	1	0,16	0,12	500 *	0,37	1	88%
	3363,42	500	0,16	0,12	500 *	0,51	1	0,16	0,12	500 *	0,42	1	0,16	0,12	500 *	0,34	1	88%
	4000,61	500	0,16	0,12	500 *	0,42	1	0,16	0,12	500 *	0,35	1	0,16	0,12	500 *	0,29	1	88%
	4678,03	500	0,16	0,12	500 *	0,36	1	0,16	0,12	500 *	0,30	1	0,16	0,12	500 *	0,25	1	88%
	5433,73	500	0,16	0,12	500 *	0,31	1	0,16	0,12	500 *	0,26	1	0,16	0,12	500 *	0,21	1	88%
	6353,68	500	0,16	0,12	500 *	0,27	1	0,16	0,12	500 *	0,22	1	0,16	0,12	500 *	0,18	1	88%

*torque máximo suportado pelo redutor

TABELA DE POTÊNCIAS

MODELO	RED	T máx. (Nm)	1700 RPM - MOTOR 4P 60 Hz					1400 RPM - MOTOR 4P 50 Hz					1150 RPM - MOTOR 6P 60 Hz					η	
			Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs		
GC 45/2R	7,24	820	15,00	11,00	431,00	234,95	1,65	10,00	7,50	349,00	193,49	2,00	10,00	7,50	424,00	158,94	1,70	96%	
	7,64	820	15,00	11,00	455,00	222,44	1,60	10,00	7,50	368,00	183,18	1,90	10,00	7,50	448,00	150,47	1,60	96%	
	8,54	820	15,00	11,00	508,00	199,04	1,40	10,00	7,50	412,00	163,91	1,70	10,00	7,50	501,00	134,64	1,45	96%	
	10,15	820	15,00	11,00	604,00	167,52	1,20	10,00	7,50	490,00	137,96	1,40	10,00	7,50	595,00	113,32	1,20	96%	
	12,17	820	15,00	11,00	725,00	139,64	1,00	10,00	7,50	595,00	115,00	1,20	10,00	7,50	714,00	94,46	1,00	96%	
	14,81	820	12,50	9,20	734,00	114,81	1,10	7,50	5,50	530,00	94,55	1,55	7,50	5,50	651,00	77,66	1,25	96%	
	17,05	820	10,00	7,50	677,00	99,70	1,20	7,50	5,50	610,00	82,11	1,35	7,50	5,50	750,00	67,44	1,10	96%	
	19,86	820	10,00	7,50	787,00	85,62	1,05	6,00	4,50	570,00	70,51	1,45	6,00	4,50	699,00	57,92	1,15	96%	
	22,17	820	7,50	5,50	658,00	76,67	1,25	6,00	4,50	635,00	63,14	1,30	6,00	4,50	780,00	51,87	1,05	96%	
	25,85	820	7,50	5,50	745,00	65,77	1,10	5,50	4,00	660,00	54,17	1,25	5,00	3,70	750,00	44,49	1,10	96%	
	28,08	820	6,00	4,50	668,00	60,55	1,20	5,50	4,00	743,00	49,86	1,10	5,00	3,70	823,00	40,96	1,00	96%	
	30,65	820	6,00	4,50	729,00	55,46	1,10	4,00	3,00	591,00	45,68	1,40	4,00	3,00	719,00	37,52	1,15	96%	
	33,65	820	6,00	4,50	801,00	50,51	1,00	4,00	3,00	635,00	41,60	1,30	4,00	3,00	790,00	34,17	1,05	96%	
	GC 45/3R	35,06	820	6,00	4,50	817,00	48,48	1,00	4,00	3,00	662,00	39,93	1,25	4,00	3,00	820,00	32,80	1,00	94%
		37,04	820	5,00	3,70	719,00	45,90	1,15	3,00	2,20	515,00	37,80	1,60	3,00	2,20	638,00	31,05	1,30	94%
41,39		820	5,00	3,70	804,00	41,07	1,00	3,00	2,20	586,00	33,82	1,40	3,00	2,20	713,00	27,78	1,15	94%	
49,18		820	4,00	3,00	764,00	34,57	1,10	2,00	1,50	460,00	28,47	1,80	2,00	1,50	565,00	23,38	1,45	94%	
59,00		820	3,00	2,20	687,00	28,82	1,20	2,00	1,50	550,00	23,73	1,50	2,00	1,50	678,00	19,49	1,20	94%	
71,76		820	2,00	1,50	557,00	23,69	1,45	2,00	1,50	677,00	19,51	1,20	2,00	1,50	820,00	16,03	1,00	94%	
82,63		820	2,00	1,50	632,00	20,57	1,30	1,50	1,10	585,00	16,94	1,40	1,50	1,10	712,00	13,92	1,15	94%	
96,22		820	2,00	1,50	747,00	17,67	1,10	1,50	1,10	681,00	14,55	1,20	1,50	1,10	820,00	11,95	1,00	94%	
107,45		820	1,50	1,10	626,00	15,82	1,30	1,00	0,75	507,00	13,03	1,60	1,00	0,75	630,00	10,70	1,30	94%	
125,25		820	1,50	1,10	729,00	13,57	1,10	1,00	0,75	591,00	11,18	1,40	1,00	0,75	719,00	9,18	1,15	94%	
136,07		820	1,50	1,10	792,00	12,49	1,00	1,00	0,75	635,00	10,29	1,30	1,00	0,75	781,00	8,45	1,05	94%	
148,54		820	1,00	0,75	577,00	11,44	1,40	0,75	0,55	515,00	9,43	1,60	0,75	0,55	635,00	7,74	1,30	94%	
163,09		820	1,00	0,75	633,00	10,42	1,30	0,75	0,55	570,00	8,58	1,45	0,75	0,55	710,00	7,05	1,15	94%	
GC45/3R GA71		189,45	850	1,0	0,75	720,3	8,97	1,18	0,75	0,55	656,0	7,39	1,30	0,75	0,55	798,62	6,07	1,06	92%
		246,85	850	0,75	0,55	704,0	6,89	1,21	0,50	0,37	569,9	5,67	1,49	0,50	0,37	693,75	4,66	1,23	92%
	266,23	850	0,75	0,55	759,2	6,39	1,12	0,50	0,37	614,6	5,26	1,38	0,50	0,37	748,20	4,32	1,14	92%	
	310,72	850	0,50	0,37	590,7	5,47	1,44	0,50	0,37	717,3	4,51	1,18	0,33	0,25	582,16	3,70	1,46	92%	
	369,56	850	0,50	0,37	702,6	4,60	1,21	0,33	0,25	568,8	3,79	1,49	0,33	0,25	692,41	3,11	1,23	92%	
	406,88	850	0,50	0,37	773,5	4,18	1,10	0,33	0,25	626,2	3,44	1,36	0,33	0,25	762,32	2,83	1,12	92%	
	502,32	850	0,50	0,37	850,0	3,38	1,00	0,33	0,25	773,1	2,79	1,10	0,25	0,18	705,85	2,29	1,20	92%	
	630,12	900	0,33	0,25	781,3	2,70	1,15	0,25	0,18	711,5	2,22	1,26	0,25	0,18	866,19	1,83	1,04	90%	
GC45/3R GC15/2R	772,31	900	0,25	0,18	718,2	2,20	1,25	0,25	0,18	872,1	1,81	1,03	0,16	0,12	707,76	1,49	1,27	90%	
	830,72	900	0,25	0,18	772,5	2,05	1,17	0,16	0,12	625,3	1,69	1,44	0,16	0,12	761,29	1,38	1,18	90%	
	971,73	900	0,16	0,12	602,4	1,75	1,49	0,16	0,12	731,5	1,44	1,23	0,16	0,12	890,52	1,18	1,01	90%	
	1155,22	900	0,16	0,12	716,2	1,47	1,26	0,16	0,12	869,6	1,21	1,03	0,16	0,12	900*	1,00	1,00	90%	
	1270,27	900	0,16	0,12	787,5	1,34	1,14	0,16	0,12	900*	1,10	1,00	0,16	0,12	900*	0,91	1,00	90%	
GC45/3R GC15/3R	1725,75	900	0,16	0,12	900*	0,99	1,00	0,16	0,12	900*	0,81	1,00	0,16	0,12	900*	0,67	1,00	88%	
	2017,80	900	0,16	0,12	900*	0,84	1,00	0,16	0,12	900*	0,69	1,00	0,16	0,12	900*	0,57	1,00	88%	
	2334,04	900	0,16	0,12	900*	0,73	1,00	0,16	0,12	900*	0,60	1,00	0,16	0,12	900*	0,49	1,00	88%	
	2561,19	900	0,16	0,12	900*	0,66	1,00	0,16	0,12	900*	0,55	1,00	0,16	0,12	900*	0,45	1,00	88%	
	2862,09	900	0,16	0,12	900*	0,59	1,00	0,16	0,12	900*	0,49	1,00	0,16	0,12	900*	0,40	1,00	88%	
	3323,47	900	0,16	0,12	900*	0,51	1,00	0,16	0,12	900*	0,42	1,00	0,16	0,12	900*	0,35	1,00	88%	
	3886,33	900	0,16	0,12	900*	0,44	1,00	0,16	0,12	900*	0,36	1,00	0,16	0,12	900*	0,30	1,00	88%	
	4708,20	900	0,16	0,12	900*	0,36	1,00	0,16	0,12	900*	0,30	1,00	0,16	0,12	900*	0,24	1,00	88%	
	5505,29	900	0,16	0,12	900*	0,31	1,00	0,16	0,12	900*	0,25	1,00	0,16	0,12	900*	0,21	1,00	88%	
	6800,93	900	0,16	0,12	900*	0,25	1,00	0,16	0,12	900*	0,21	1,00	0,16	0,12	900*	0,17	1,00	88%	
GC 55/2R	9,35	1550	25,00	18,50	927,80	181,74	1,65	20,00	15,00	901,29	149,67	1,70	20,00	15,00	1097,23	122,94	1,40	96%	
	12,25	1550	25,00	18,50	1214,98	138,79	1,30	20,00	15,00	1180,27	114,29	1,35	20,00	15,00	1436,85	93,88	1,10	96%	
	15,00	1550	25,00	18,50	1487,51	113,36	1,05	20,00	15,00	1445,01	93,35	1,10	15,00	11,00	1319,36	76,68	1,20	96%	
	18,12	1550	20,00	15,00	1438,09	93,80	1,10	15,00	11,00	1309,69	77,25	1,20	12,50	9,20	1328,67	63,46	1,20	96%	
	20,32	1550	15,00	11,00	1209,48	83,65	1,30	15,00	11,00	1468,63	68,89	1,10	12,50	9,20	1489,91	58,59	1,05	96%	
	23,12	1550	15,00	11,00	1375,89	73,53	1,15	12,50	9,20	1392,27	60,56	1,15	10,00	7,50	1355,95	49,74	1,15	96%	
	26,06	1550	15,00	11,00	1551,17	65,22	1,00	10,00	7,50	1255,71	53,71	1,25	10,00	7,50	1528,69	44,12	1,05	96%	
	28,97	1550	12,50	9,20	1436,51	58,69	1,10	10,00	7,50	1395,47	48,33	1,15	7,50	5,50	1274,13	39,70	1,25	96%	
GC 55/3R	33,61	1550	10,00	7,50	1305,54	50,59	1,20	10,00	7,50	1585,29	41,66	1,00	7,50	5,50	1447,44	34,22	1,10	94%	
	35,50	1550	10,00	7,50	1378,99	47,89	1,15	7,50	5,50,										

TABELA DE POTÊNCIAS

MODELO	RED	T máx. (Nm)	1700 RPM - MOTOR 4P 60 Hz					1400 RPM - MOTOR 4P 50 Hz					1150 RPM - MOTOR 6P 60 Hz					η
			Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT Nm	RPM	Fs	
GC55/3R GC25/2R	509.93	1700	0.75	0.55	1423	3.33	1.20	0.50	0.37	1152	2.75	1.48	0.50	0.37	1402	2.26	1.21	90%
	605.82	1700	0.75	0.55	1690	2.81	1.01	0.50	0.37	1368	2.31	1.24	0.50	0.37	1666	1.90	1.02	90%
	617.76	1700	0.50	0.37	1149	2.75	1.48	0.50	0.37	1395	2.27	1.22	0.50	0.37	1698	1.86	1.00	90%
	765.15	1700	0.50	0.37	1423	2.22	1.19	0.33	0.25	1152	1.83	1.48	0.33	0.25	1388	1.50	1.22	90%
	844.78	1700	0.50	0.37	1571	2.01	1.08	0.33	0.25	1272	1.66	1.34	0.33	0.25	1533	1.36	1.11	90%
	909.02	1700	0.50	0.37	1691	1.87	1.01	0.33	0.25	1369	1.54	1.24	0.33	0.25	1649	1.27	1.03	90%
	1003.62	1700	0.33	0.25	1244	1.69	1.37	0.33	0.25	1511	1.39	1.13	0.25	0.18	1380	1.15	1.23	90%
	1171.09	1700	0.33	0.25	1452	1.45	1.17	0.25	0.18	1322	1.20	1.29	0.25	0.18	1610	0.98	1.06	90%
	1287.43	1700	0.33	0.25	1596	1.32	1.06	0.25	0.18	1454	1.09	1.17	0.16	0.12	1180	0.89	1.44	90%
	1424.93	1700	0.25	0.18	1325	1.19	1.28	0.25	0.18	1609	0.98	1.06	0.16	0.12	1306	0.81	1.30	90%
1590.63	1700	0.25	0.18	1479	1.07	1.15	0.16	0.12	1197	0.88	1.42	0.16	0.12	1458	0.72	1.17	90%	
GC55/3R GC25/3R	1836.84	1700	0.50	0.37	1700 *	0.93	1.00	0.75	0.55	1700 *	0.76	1.00	0.25	0.18	1700 *	0.63	1.00	88%
	2167.07	1700	0.50	0.37	1700 *	0.78	1.00	0.75	0.55	1700 *	0.65	1.00	0.25	0.18	1700 *	0.53	1.00	88%
	2584.85	1700	0.50	0.37	1700 *	0.66	1.00	0.75	0.55	1700 *	0.54	1.00	0.25	0.18	1700 *	0.44	1.00	88%
	3131.91	1700	0.16	0.12	1700 *	0.54	1.00	0.33	0.25	1700 *	0.45	1.00	0.16	0.12	1700 *	0.37	1.00	88%
	3531.48	1700	0.16	0.12	1700 *	0.48	1.00	0.33	0.25	1700 *	0.40	1.00	0.16	0.12	1700 *	0.33	1.00	88%
	4281.84	1700	0.16	0.12	1700 *	0.40	1.00	0.33	0.25	1700 *	0.33	1.00	0.16	0.12	1700 *	0.27	1.00	88%
	4996.36	1700	0.16	0.12	1700 *	0.34	1.00	0.33	0.25	1700 *	0.28	1.00	0.16	0.12	1700 *	0.23	1.00	88%
	5493.47	1700	0.16	0.12	1700 *	0.31	1.00	0.33	0.25	1700 *	0.25	1.00	0.16	0.12	1700 *	0.21	1.00	88%
	6785.60	1700	0.16	0.12	1700 *	0.25	1.00	0.33	0.25	1700 *	0.21	1.00	0.16	0.12	1700 *	0.17	1.00	88%
	7843.28	1700	0.16	0.12	1700 *	0.22	1.00	0.33	0.25	1700 *	0.18	1.00	0.16	0.12	1700 *	0.15	1.00	88%
8724.68	1700	0.16	0.12	1700 *	0.19	1.00	0.33	0.25	1700 *	0.16	1.00	0.16	0.12	1700 *	0.13	1.00	88%	
GC 65/2R	10.69	2550	30.00	22.00	1268.22	159.03	1.15	30.00	22.00	1539.98	130.96	1.15	25.00	18.50	1576.50	107.58	1.10	96%
	12.62	2550	30.00	22.00	1497.19	134.71	1.10	30.00	22.00	1818.01	110.94	1.09	25.00	18.50	1861.13	91.13	1.05	96%
	15.06	2550	30.00	22.00	1769.82	112.88	1.10	25.00	18.50	1824.36	92.96	1.00	20.00	15.00	1800.78	76.36	1.07	96%
	17.07	2550	30.00	22.00	2006.03	99.59	1.04	25.00	18.50	2067.85	82.02	1.00	20.00	15.00	2041.13	67.37	1.06	96%
	20.34	2550	25.00	18.50	2010.04	83.58	1.10	20.00	15.00	1997.82	68.83	1.00	15.00	11.00	1783.56	56.54	1.00	96%
	24.04	2550	25.00	18.50	2375.68	70.72	1.00	20.00	15.00	2361.24	58.24	1.00	15.00	11.00	2108.01	47.84	1.09	96%
	26.91	2550	20.00	15.00	2156.19	63.17	1.09	15.00	11.00	1938.30	52.03	1.10	15.00	11.00	2359.67	42.74	1.03	96%
	30.66	2550	20.00	15.00	2456.66	55.45	1.00	15.00	11.00	2208.41	45.66	1.08	12.50	9.20	2248.56	37.51	1.09	96%
	34.33	2550	15.00	11.00	2036.39	49.52	1.00	12.50	9.20	2068.12	40.78	1.00	10.00	7.50	2052.49	33.50	1.00	96%
	41.43	2550	15.00	11.00	2406.35	41.03	1.02	12.50	9.20	2443.85	33.79	1.03	10.00	7.50	2425.37	27.76	1.08	94%
48.62	2550	12.50	9.20	2361.86	34.97	1.07	10.00	7.50	2338.02	28.79	1.09	7.50	5.50	2087.27	23.65	1.27	94%	
59.90	2550	10.00	7.50	2372.13	28.38	1.09	7.50	5.50	2112.33	23.37	1.24	7.50	5.50	2571.53	19.20	1.03	94%	
62.56	2550	10.00	7.50	2477.47	27.17	1.05	7.50	5.50	2206.13	22.38	1.19	6.00	4.50	2197.41	18.38	1.20	94%	
74.95	2550	7.50	5.50	2176.63	22.68	1.20	7.50	5.50	2643.05	18.68	1.00	6.00	4.50	2632.60	15.34	1.01	94%	
86.65	2550	7.50	5.50	2516.41	19.62	1.05	5.40	4.00	2222.29	16.16	1.19	5.00	3.70	2502.49	13.27	1.06	94%	
101.28	2550	6.00	4.50	2406.50	16.79	1.09	5.40	4.00	2597.50	13.82	1.03	4.00	3.00	2371.63	11.35	1.12	94%	
113.25	2550	6.00	4.50	2690.92	15.01	1.00	4.00	3.00	2178.37	12.36	1.22	4.00	3.00	2651.92	10.15	1.02	94%	
127.62	2550	5.00	3.70	2493.28	13.32	1.06	4.00	3.00	2454.77	10.97	1.09	3.00	2.20	2191.51	9.01	1.22	94%	
145.17	2550	4.00	3.00	2299.58	11.71	1.16	3.00	2.20	2047.72	9.64	1.30	3.00	2.20	2492.88	7.92	1.07	94%	
167.12	2550	4.00	3.00	2647.28	10.17	1.01	3.00	2.20	2357.34	8.38	1.13	2.00	1.50	1956.69	6.88	1.37	94%	
180.28	2550	3.00	2.20	2094.21	9.43	1.28	3.00	2.20	2542.97	7.77	1.05	2.00	1.50	2110.77	6.38	1.27	94%	
212.69	2550	3.00	2.20	2470.70	7.99	1.08	2.00	1.50	2045.55	6.58	1.31	2.00	1.50	2490.23	5.41	1.08	94%	
GC65/3R GA90	257.83	2700	2.00	1.50	1961	6.59	1.38	2.00	1.50	2381	5.43	1.13	1.50	1.10	2174	4.46	1.24	92%
	324.53	2700	2.00	1.50	2468	5.24	1.09	1.50	1.10	2248	4.31	1.20	1.00	0.75	1824	3.54	1.48	92%
	385.99	2700	1.50	1.10	2201	4.40	1.23	1.50	1.10	2673	3.63	1.01	1.00	0.75	2170	2.98	1.24	92%
	424.97	2700	1.50	1.10	2424	4.00	1.11	1.00	0.75	1962	3.29	1.38	1.00	0.75	2389	2.71	1.13	92%
	469.94	2700	1.50	1.10	2680	3.62	1.01	1.00	0.75	2170	2.98	1.24	1.00	0.75	2641	2.45	1.02	92%
	524.65	2700	1.00	0.75	1995	3.24	1.35	1.00	0.75	2422	2.67	1.11	0.75	0.55	2212	2.19	1.22	92%
GC65/3R GC35/2R	679.87	2800	1.00	0.75	2529	2.50	1.11	0.75	0.55	2303	2.06	1.22	0.50	0.37	1869	1.69	1.50	90%
	811.05	2800	0.75	0.55	2263	2.10	1.24	0.75	0.55	2747	1.73	1.02	0.50	0.37	2230	1.42	1.26	90%
	982.36	2800	0.75	0.55	2740	1.73	1.02	0.50	0.37	2218	1.43	1.26	0.50	0.37	2701	1.17	1.04	90%
	1107.55	2800	0.50	0.37	2060	1.53	1.36	0.50	0.37	2501	1.26	1.12	0.33	0.25	2010	1.04	1.39	90%
	1216.57	2800	0.50	0.37	2263	1.40	1.24	0.50	0.37	2747	1.15	1.02	0.33	0.25	2207	0.95	1.27	90%
	1342.96	2800	0.50	0.37	2498	1.27	1.12	0.33	0.25	2002	1.04	1.40	0.33	0.25	2437	0.86	1.15	90%
	1567.58	2800	0.50	0.37	2800 *	1.08	1.00	0.33	0.25	2336	0.89	1.20	0.25	0.18	2155	0.73	1.30	90%
1857.50	2800	1.00	0.75	2800 *	0.92	1.00	0.75	0.55	2800 *	0.75	1.00	0.50	0.37	2800 *	0.62	1.00	88%	
GC65/3R GC35/3R	2166.58	2800	1.00															

TABELA DE POTÊNCIAS

MODELO	RED	T máx. (Nm)	1700 RPM - MOTOR 4P 60 Hz					1400 RPM - MOTOR 4P 50 Hz					1150 RPM - MOTOR 6P 60 Hz					η
			Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	
GC 75/3R	31.68	4300	30.00	22.00	3692	53.66	1.16	25.00	18.50	3736	44.19	1.15	20.00	15.00	3639	36.30	1.18	94%
	39.03	4300	25.00	18.50	3791	43.55	1.13	20.00	15.00	3683	35.87	1.17	15.00	11.00	3363	29.46	1.28	94%
	40.76	4300	25.00	18.50	3959	41.70	1.09	20.00	15.00	3846	34.34	1.12	15.00	11.00	3512	28.21	1.22	94%
	44.18	4300	25.00	18.50	4291	38.48	1.00	20.00	15.00	4168	31.69	1.03	15.00	11.00	3806	26.03	1.13	94%
	51.84	4300	20.00	15.00	4028	32.79	1.07	15.00	11.00	3668	27.01	1.17	12.50	9.20	3721	22.18	1.16	94%
	63.87	4300	15.00	11.00	3722	26.61	1.16	12.50	9.20	3767	21.92	1.14	10.00	7.50	3668	18.00	1.17	94%
	66.71	4300	15.00	11.00	3887	25.49	1.11	12.50	9.20	3933	20.99	1.09	10.00	7.50	3831	17.24	1.12	94%
	79.92	4300	12.50	9.20	3881	21.27	1.11	10.00	7.50	3770	17.52	1.14	7.50	5.50	3442	14.39	1.25	94%
	92.40	4300	10.00	7.50	3590	18.40	1.20	10.00	7.50	4359	15.15	1.00	7.50	5.50	3980	12.45	1.08	94%
	108.00	4300	10.00	7.50	4196	15.74	1.02	7.50	5.50	3821	12.96	1.13	6.00	4.50	3721	10.65	1.16	94%
	120.76	4300	7.50	5.50	3519	14.08	1.22	7.50	5.50	4273	11.59	1.01	6.00	4.50	4161	9.52	1.03	94%
	136.08	4300	7.50	5.50	3965	12.49	1.08	5.50	4.00	3531	10.29	1.22	5.00	3.70	3907	8.45	1.10	94%
	154.80	4300	6.00	4.50	3608	10.98	1.19	5.50	4.00	4016	9.04	1.07	4.00	3.00	3556	7.43	1.21	94%
	178.20	4300	6.00	4.50	4154	9.54	1.04	4.00	3.00	3363	7.86	1.28	4.00	3.00	4094	6.45	1.05	94%
	192.24	4300	5.00	3.70	3734	8.84	1.15	4.00	3.00	3627	7.28	1.19	3.00	2.20	3312	5.98	1.30	94%
	226.80	4300	4.00	3.00	3524	7.50	1.22	4.00	3.00	4280	6.17	1.00	3.00	2.20	3907	5.07	1.10	94%
GC75/3R GA112	234.82	4300	4.00	3.00	3571	7.24	1.20	3.00	2.20	3253	5.96	1.32	3.00	2.20	3960	4.90	1.09	92%
	248.83	4300	4.00	3.00	3784	6.83	1.14	3.00	2.20	3447	5.63	1.25	3.00	2.20	4196	4.62	1.02	92%
	263.50	4300	4.00	3.00	4008	6.45	1.07	3.00	2.20	3650	5.31	1.18	2.00	1.50	2962	4.36	1.45	92%
	318.87	4300	3.00	2.20	3637	5.33	1.18	2.00	1.50	2945	4.39	1.46	2.00	1.50	3585	3.61	1.20	92%
	366.91	4300	3.00	2.20	4185	4.63	1.03	2.00	1.50	3388	3.82	1.27	2.00	1.50	4125	3.13	1.04	92%
	395.59	4300	2.00	1.50	3008	4.30	1.43	2.00	1.50	3653	3.54	1.18	1.50	1.10	3335	2.91	1.29	92%
	466.97	4300	2.00	1.50	3551	3.64	1.21	2.00	1.50	4312	3.00	1.00	1.50	1.10	3937	2.46	1.09	92%
	588.38	4500	2.00	1.50	4377	2.89	1.03	1.50	1.10	3986	2.38	1.13	1.00	0.75	3235	1.95	1.39	90%
GC75/3R GC35/2R	701.91	4500	1.50	1.10	3916	2.42	1.15	1.00	0.75	3170	1.99	1.42	1.00	0.75	3860	1.64	1.17	90%
	850.18	4500	1.00	0.75	3162	2.00	1.42	1.00	0.75	3840	1.65	1.17	0.75	0.55	3506	1.35	1.28	90%
	958.52	4500	1.00	0.75	3565	1.77	1.26	1.00	0.75	4329	1.46	1.04	0.75	0.55	3953	1.20	1.14	90%
	1052.87	4500	1.00	0.75	3916	1.61	1.15	0.75	0.55	3567	1.33	1.26	0.75	0.55	4342	1.09	1.04	90%
	1356.65	4500	0.75	0.55	3785	1.25	1.19	0.50	0.37	3064	1.03	1.47	0.50	0.37	3730	0.85	1.21	90%
GC75/3R GC35/3R	1607.56	4500	1.00	0.75	4500*	1.06	1.00	0.75	0.55	4500*	0.87	1.00	0.50	0.37	4321	0.72	1.04	88%
	2395.01	4500	1.00	0.75	4500*	0.71	1.00	0.75	0.55	4500*	0.58	1.00	0.50	0.37	4500*	0.48	1.00	88%
	3461.88	4500	0.50	0.37	4500*	0.49	1.00	0.33	0.25	4500*	0.40	1.00	0.25	0.18	4500*	0.33	1.00	88%
	4732.47	4500	0.50	0.37	4500*	0.36	1.00	0.33	0.25	4500*	0.30	1.00	0.25	0.18	4500*	0.24	1.00	88%
	6721.57	4500	0.50	0.37	4500*	0.25	1.00	0.33	0.25	4500*	0.21	1.00	0.25	0.18	4500*	0.17	1.00	88%
GC85/2R	8669.72	4500	0.50	0.37	4500*	0.20	1.00	0.33	0.25	4500*	0.16	1.00	0.25	0.18	4500*	0.13	1.00	88%
	5.58	8000	150.00	110.00	3323	304.48	1.38	150.00	110.00	4035	250.75	1.14	125.00	90.00	4093	205.97	1.12	96%
	6.66	8000	150.00	110.00	3965	255.18	1.30	150.00	110.00	4814	210.15	1.07	125.00	90.00	4884	172.62	1.05	96%
	7.67	8000	150.00	110.00	4562	221.75	1.13	125.00	90.00	4617	182.62	1.12	100.00	75.00	4496	150.01	1.15	96%
	8.90	8000	150.00	110.00	5298	190.97	1.48	150.00	110.00	6433	157.27	1.22	150.00	110.00	7832	129.18	1.00	96%
	9.45	8000	150.00	110.00	5623	179.92	1.42	150.00	110.00	6828	148.17	1.17	125.00	90.00	6927	121.71	1.15	96%
	11.27	8000	150.00	110.00	6710	150.79	1.19	125.00	90.00	6789	124.18	1.18	100.00	75.00	6612	102.00	1.21	96%
	12.97	8000	125.00	90.00	6434	131.04	1.24	125.00	90.00	7813	107.91	1.02	100.00	75.00	7609	88.64	1.05	96%
	15.07	8000	125.00	90.00	7471	112.84	1.07	100.00	75.00	7258	92.93	1.10	75.00	55.00	6627	76.34	1.21	96%
	20.12	8000	75.00	55.00	5988	84.47	1.34	75.00	55.00	7272	69.57	1.10	50.00	37.00	5902	57.14	1.36	96%
GC85/3R	27.94	8000	60.00	45.00	6513	60.84	1.23	60.00	45.00	7908	50.11	1.01	50.00	37.00	8023	41.16	1.00	94%
	33.14	8000	60.00	45.00	7725	51.30	1.04	50.00	37.00	7817	42.25	1.02	40.00	30.00	7613	34.70	1.05	94%
	39.59	8000	50.00	37.00	7690	42.94	1.04	40.00	30.00	7470	35.36	1.07	30.00	22.00	6821	29.05	1.17	94%
	43.44	8000	40.00	30.00	6750	39.13	1.19	30.00	22.00	6148	32.23	1.30	30.00	22.00	7484	26.47	1.07	94%
	47.02	8000	40.00	30.00	7307	36.15	1.09	30.00	22.00	6657	29.77	1.20	30.00	22.00	8101	24.46	1.00	94%
	56.17	8000	30.00	22.00	6546	30.27	1.22	30.00	22.00	7949	24.92	1.01	25.00	18.50	8065	20.47	1.00	94%
	61.64	8000	30.00	22.00	7184	27.58	1.11	25.00	18.50	7270	22.71	1.10	20.00	15.00	7081	18.66	1.12	94%
	71.29	8000	25.00	18.50	6924	23.85	1.16	20.00	15.00	6726	19.64	1.19	15.00	11.00	6141	16.13	1.30	94%
	83.27	8000	20.00	15.00	6470	20.42	1.24	20.00	15.00	7856	16.81	1.02	15.00	11.00	7173	13.81	1.12	94%
	98.52	8000	20.00	15.00	7655	17.26	1.05	15.00	11.00	6971	14.21	1.15	12.50	9.20	7072	11.67	1.13	94%
	111.22	8000	15.00	11.00	6481	15.29	1.23	10.00	7.50	5247	12.59	1.52	10.00	7.50	6387	10.34	1.25	94%
	126.75	8000	15.00	11.00	7386	13.41	1.08	10.00	7.50	5979	11.05	1.34	10.00	7.50	7279	9.07	1.10	94%
	145.44	8000	12.50	9.20	7063	11.69	1.13	10.00	7.50	6861	9.63	1.17	7.50	5.50	6264	7.91	1.28	94%
	164.77	8000	12.50	9.20	8001	10.32	1.00	10.00	7.50	7773	8.50	1.03	7.50	5.50	7097	6.98	1.13	94%
	188.93	8000	10.00	7.50	7340	9.00	1.09	7.50	5.50	6684	7.41	1.20	6.00	4.50	6510	6.09	1.23	94%
	203.43	8000	10.00	7.50	7903	8.36	1.01	7.50	5.50	7197	6.88	1.11	6.00	4.50	7010	5.65	1.14	94%
	220.00	8000	10.00	7.50	8000	7.73	1.00	7.50	5.50	7784	6.36	1.03	6.00	4.50	7581	5.23	1.06	94%
GC85/3R GA112	229.92	8000	7.50	5.50	6557	7.39	1.22	7.50	5.50	7962	6.09	1.00	6.00	4.50	7754	5.00	1.03	92%
	243.48	8000	7.50	5.50	6943	6.98	1.15	5.50	4.00	6183	5.75	1.29	5.00	3.70	6843	4.72	1.17	92%
	294.64	8000	6.00	4.50	6722	5.77	1.19	5.50	4.00	7482	4.75	1.07	4.00	3.00	6624	3.90	1.21	92%
	339.02	8000	6.00	4.50	7734	5.01	1.03	4.00	3.00	6261	4.13	1.28	4.00	3.00	7622	3.39	1.05	92%

TABELA DE POTÊNCIAS

MODELO	RED	T máx. (Nm)	1700 RPM - MOTOR 4P 60 Hz					1400 RPM - MOTOR 4P 50 Hz					1150 RPM - MOTOR 6P 60 Hz					η
			Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	Pe (cv)	Pe (KW)	MT (Nm)	RPM	Fs	
GC95 2R	4.90	9000	150.00	110.00	2915	347.1	3.09	125.00	90.00	2949	285.8	3.05	125.00	90.00	3591	234.8	2.51	96%
	5.73	9000	150.00	110.00	3412	296.6	2.64	125.00	90.00	3452	244.2	2.61	125.00	90.00	4203	200.6	2.14	96%
	6.76	9000	150.00	110.00	4022	251.6	2.24	125.00	90.00	4070	207.2	2.21	125.00	90.00	4954	170.2	1.82	96%
	7.67	8700	150.00	110.00	4562	221.8	1.91	125.00	90.00	4617	182.6	1.88	125.00	90.00	5620	150.0	1.55	96%
	8.97	13000	150.00	110.00	5340	189.5	2.43	125.00	90.00	5403	156.0	2.41	125.00	90.00	6578	128.2	1.98	96%
	10.58	13000	150.00	110.00	6295	160.7	2.07	125.00	90.00	6370	132.4	2.04	125.00	90.00	7755	108.7	1.68	96%
	12.60	13000	150.00	110.00	7497	135.0	1.73	125.00	90.00	7586	111.1	1.71	125.00	90.00	9235	91.3	1.41	96%
	14.49	12800	150.00	110.00	8623	117.3	1.48	125.00	90.00	8726	96.6	1.47	125.00	90.00	10623	79.4	1.20	96%
	16.84	13000	150.00	110.00	10020	101.0	1.30	125.00	90.00	10140	83.1	1.28	100.00	75.00	9875	68.3	1.32	96%
	18.74	10500	125.00	90.00	9295	90.7	1.13	100.00	75.00	9030	74.7	1.16	100.00	75.00	10993	61.4	0.96	96%
GC95 3R	22.31	12000	125.00	90.00	11067	76.2	1.08	100.00	75.00	10751	62.7	1.12	75.00	55.00	9816	51.5	1.22	96%
	25.06	11900	100.00	75.00	9734	67.8	1.22	100.00	75.00	11820	55.9	1.01	75.00	55.00	10792	45.9	1.10	94%
	28.33	13000	100.00	75.00	11007	60.0	1.08	75.00	55.00	10024	49.4	1.30	60.00	45.00	9762	40.6	1.33	94%
	32.15	13000	75.00	55.00	9369	52.9	1.27	75.00	55.00	11376	43.5	0.00	60.00	45.00	11080	35.8	0.00	94%
	33.56	13000	75.00	55.00	9777	50.7	0.00	75.00	55.00	11872	41.7	0.00	60.00	45.00	11562	34.3	0.00	94%
	37.94	13000	75.00	55.00	11056	44.8	0.00	60.00	45.00	10740	36.9	0.00	50.00	37.00	10895	30.3	0.00	94%
	43.06	13000	60.00	45.00	10038	39.5	0.00	60.00	45.00	12189	32.5	0.00	40.00	30.00	9892	26.7	0.00	94%
	51.38	13000	60.00	45.00	11977	33.1	0.00	50.00	37.00	12119	27.2	0.00	40.00	30.00	11803	22.4	0.00	94%
	59.13	13000	50.00	37.00	11485	28.8	0.00	40.00	30.00	11157	23.7	0.00	30.00	22.00	10187	19.4	0.00	94%
	68.66	13000	40.00	30.00	10669	24.8	0.00	30.00	22.00	9717	20.4	0.00	30.00	22.00	11829	16.7	0.00	94%
GC95 GA132	76.34	13000	40.00	30.00	11863	22.3	0.00	30.00	22.00	10804	18.3	0.00	25.00	18.50	10960	15.1	0.00	94%
	91.72	13000	30.00	22.00	10690	18.5	0.00	25.00	18.50	10817	15.3	0.00	20.00	15.00	10535	12.5	0.00	94%
	102.61	13000	30.00	22.00	11959	16.6	0.00	25.00	18.50	12101	13.6	0.00	20.00	15.00	11785	11.2	0.00	94%
	117.44	13000	25.00	18.50	11406	14.5	0.00	20.00	15.00	11081	11.9	0.00	15.00	11.00	10117	9.8	0.00	94%
	136.23	13000	20.00	15.00	10585	12.5	0.00	15.00	11.00	9640	10.3	0.00	15.00	11.00	11736	8.4	0.00	94%
	153.98	13000	20.00	15.00	11964	11.0	0.00	15.00	11.00	10896	9.1	0.00	12.50	9.20	11054	7.5	0.00	94%
	164.42	13000	15.00	11.00	9581	10.3	0.00	15.00	11.00	11635	8.5	0.00	12.50	9.20	11803	7.0	0.00	94%
	176.17	13000	15.00	11.00	10266	9.7	0.00	12.50	9.20	10388	7.9	0.00	10.00	7.50	10117	6.5	0.00	94%
	200.49	13000	15.00	11.00	11435	8.48	1.14	10.00	7.50	9256.6	6.98	1.40	10.00	7.50	11268.9	5.74	1.15	92%
	236.88	13000	12.50	9.20	11258	7.18	1.15	10.00	7.50	10936.7	5.91	1.19	7.50	5.50	9985.7	4.85	1.30	92%
GC95 GC45 /2R	267.77	13000	12.50	9.20	12727	6.35	1.02	10.00	7.50	12363.2	5.23	1.05	7.50	5.50	11288.2	4.29	1.15	92%
	304.85	13000	10.00	7.50	11591	5.58	1.12	7.50	7.50	10556.3	4.59	1.23	7.50	5.50	12851.1	3.77	1.01	92%
	350.17	13000	7.50	5.50	9986	4.85	1.30	7.50	5.50	12125.5	4.00	1.07	6.00	4.50	11809.1	3.28	1.10	92%
	396.85	13000	7.50	5.50	11317	4.28	1.15	5.50	4.00	10077.6	3.53	1.29	5.00	3.70	11153.1	2.90	1.17	92%
	451.75	13000	7.50	5.50	12883	3.76	1.01	5.50	4.00	11471.7	3.10	1.13	5.00	3.70	12695.9	2.55	1.02	90%
	504.97	13000	6.00	4.50	11270	3.37	1.15	5.50	4.00	12544.3	2.77	1.04	4.00	3.00	11106.4	2.28	1.17	90%
	600.17	13000	5.00	3.70	11162	2.83	1.16	4.00	3.00	10843.1	2.33	1.20	3.00	2.20	9900.2	1.92	1.31	90%
	719.61	13000	4.00	3.00	10707	2.36	1.21	3.00	2.20	9750.7	1.95	1.33	3.00	2.20	11870.5	1.60	1.10	90%
	875.72	13000	3.00	2.20	9772	1.94	1.33	3.00	2.20	11865.9	1.60	1.10	2.00	1.50	9630.3	1.31	1.35	90%
	1008.17	13000	3.00	2.20	11250	1.69	1.16	2.00	1.50	9107.1	1.39	1.43	2.00	1.50	11086.9	1.14	1.17	90%
GC95 GC45 /3R	1174.32	13000	2.00	1.50	8736	1.45	1.49	2.00	1.50	10608.0	1.19	1.23	2.00	1.50	12914.1	0.98	1.01	90%
	1310.91	13000	2.00	1.50	9752	1.30	1.33	2.00	1.50	11841.9	1.07	1.10	1.50	1.10	10812.2	0.88	1.20	90%
	1528.51	13000	2.00	1.50	11371	1.11	1.14	1.50	1.10	10355.7	0.92	1.26	1.50	1.10	12606.9	0.75	1.03	90%
	1660.37	13000	2.00	1.50	12352	1.02	1.05	1.50	1.10	11249.0	0.84	1.16	1.00	0.75	9129.6	0.69	1.42	90%
	1812.33	13000	1.50	1.10	10112	0.94	1.29	1.50	1.10	12278.6	0.77	1.06	1.00	0.75	9965.2	0.63	1.30	90%
	1989.72	13000	1.50	1.10	11101	0.85	1.17	1.00	0.75	8986.9	0.70	1.45	1.00	0.75	10940.6	0.58	1.19	90%
	2073.10	13000	2.00	1.50	13000	0.82	1.00	1.50	1.10	13000.0	0.68	1.00	1.00	0.75	11399.0	0.55	1.14	88%
	2190.18	13000	2.00	1.50	13000	0.78	1.00	1.50	1.10	13000.0	0.64	1.00	1.00	0.75	12042.8	0.53	1.08	88%
	2447.39	13000	2.00	1.50	13000	0.69	1.00	1.50	1.10	13000.0	0.57	1.00	1.00	0.75	13000.0	0.47	1.00	88%
	2908.01	13000	2.00	1.50	13000	0.58	1.00	1.50	1.10	13000.0	0.48	1.00	1.00	0.75	13000.0	0.40	1.00	88%
GC95 GC45 /3R	3488.67	13000	1.00	0.75	12976	0.49	1.00	0.75	0.55	11817.9	0.40	1.10	0.50	0.37	9591.3	0.33	1.36	88%
	4243.17	13000	1.00	0.75	13000	0.40	1.00	0.75	0.55	13000.0	0.33	1.00	0.50	0.37	11665.6	0.27	1.11	88%
	4885.91	13000	1.00	0.75	13000	0.35	1.00	0.75	0.55	13000.0	0.29	1.00	0.50	0.37	13000.0	0.24	1.00	88%
	5689.49	13000	1.00	0.75	13000	0.30	1.00	0.75	0.55	13000.0	0.25	1.00	0.50	0.37	13000.0	0.20	1.00	88%
	6353.52	13000	1.00	0.75	13000	0.27	1.00	0.75	0.55	13000.0	0.22	1.00	0.50	0.37	13000.0	0.18	1.00	88%
	7406.03	13000	1.00	0.75	13000	0.23	1.00	0.75	0.55	13000.0	0.19	1.00	0.50	0.37	13000.0	0.16	1.00	88%
	8045.82	13000	1.00	0.75	13000	0.21	1.00	0.75	0.55	13000.0	0.17	1.00	0.50	0.37	13000.0	0.14	1.00	88%
	8783.17	13000	1.00	0.75	13000	0.19	1.00	0.75	0.55	13000.0	0.16	1.00	0.50	0.37	13000.0	0.13	1.00	88%
	9643.51	13000	1.00	0.75	13000	0.18	1.00	0.75	0.55	13000.0	0.15	1.00	0.50	0.37	13000.0	0.12	1.00	88%

*torque máximo suportado pelo redutor

REDUÇÃO X CARÇAÇA

MODELO	RED	CARÇAÇAS IEC												
		C63	C71	C80	C90	C100	C112	C132	C160	C180	C200	C225	C250	C280
GC15 2R	7.89	OK	OK	OK										
	10.68	OK	OK	OK										
	13.09	OK	OK	OK										
	14.08	OK	OK	OK										
	16.47	OK	OK	OK										
	19.58	OK	OK	OK										
	21.53	OK	OK	OK										
	26.6	OK	OK	OK										
GC15 3R	29.25	OK	OK	OK										
	34.2	OK	OK	1										
	37.13	OK	OK	1										
	39.56	OK	OK	1										
	43.41	OK	OK	1										
	48.51	OK	OK	1										
	52.19	OK	OK	1										
	56.33	OK	OK	1										
	61.02	OK	OK	1										
	65.87	OK	OK	1										
	72.58	OK	1	1										
	79.8	OK	1	1										
	84.87	OK	1	1										
	93.31	OK	1	1										
	98.58	OK	1	1										
	115.27	OK	1	1										
GC25 2R	7.33		OK	OK	OK									
	8.64		OK	OK	OK									
	10.31	OK	OK	OK	OK									
	12.49	OK	OK	OK	OK									
	15.47	OK	OK	OK	OK									
	17.08	OK	OK	OK	OK									
	19.93	OK	OK	OK	OK									
	21.91	OK	OK	OK	OK									
	24.25	OK	OK	OK	OK									
	27.07	OK	OK	OK	OK									
GC25 3R	31.26		OK	OK	OK									
	36.88		OK	OK	1									
	43.99	OK	OK	OK	1									
	53.3	OK	OK	OK	1									
	60.1	OK	OK	OK	1									
	65.99	OK	OK	OK	1									
	72.87	OK	OK	1	1									
	85.03	OK	OK	1	1									
	93.49	OK	OK	1	1									
	103.49	OK	OK	1	1									
	115.48	OK	OK	1	1									
	133.48	OK	OK	1	1									
	148.48	OK	1	1	1									
GC35 2R	7.62			OK	OK	OK	OK							
	8.88			OK	OK	OK	OK							
	11.35			OK	OK	OK	OK							
	13.54		OK	OK	OK	OK	OK							
	16.4		OK	OK	OK	OK	OK							
	18.49		OK	OK	OK	OK	OK							
	20.31		OK	OK	OK	OK	OK							
	22.42		OK	OK	OK	OK	OK							
	26.17		OK	OK	OK	OK	OK							
	28.77		OK	OK	OK	OK	OK							
GC35 3R	31.01			OK	OK	1	1							
	36.17			OK	OK	1	1							
	46.2			OK	OK	1	1							
	55.12		OK	OK	OK	1	1							
	66.78		OK	OK	1	1	1							
	75.3		OK	OK	1	1	1							
	82.68		OK	OK	1	1	1							
	91.29		OK	OK	1	1	1							
	104.53		OK	OK	1	1	1							
	117.13		OK	OK	1	1	1							
	129.66		OK	1	1	1	1							
	144.69		OK	1	1	1	1							
	167.24		OK	1	1	1	1							
	186.03		OK	1	1	1	1							
GC45 2R	7.24				OK	OK	OK	OK						
	7.64				OK	OK	OK	OK						
	8.54				OK	OK	OK	OK						
	10.15			OK	OK	OK	OK	OK						
	12.17			OK	OK	OK	OK	OK						
	14.81			OK	OK	OK	OK	OK						
	17.05			OK	OK	OK	OK	OK						
	19.86			OK	OK	OK	OK	OK						
	22.17			OK	OK	OK	OK	OK						
	25.85			OK	OK	OK	OK	OK						
	28.08			OK	OK	OK	OK	OK						
	30.65			OK	OK	OK	OK	OK						
	33.65			OK	OK	OK	OK	OK						
GC45 3R	35.06				OK	OK	OK	OK						
	37.04				OK	OK	OK	OK						
	41.39				OK	OK	OK	OK						
	49.18				OK	OK	OK	OK						
	59			OK	OK	1	1	1						
	71.76			OK	OK	1	1	1						
	82.63			OK	OK	1	1	1						
	96.22			OK	OK	1	1	1						
	107.45			OK	1	1	1	1						
	125.25			OK	1	1	1	1						
GC55 2R	136.07			OK	1	1	1	1						
	148.54			OK	1	1	1	1						
	163.09			OK	1	1	1	1						
	9.35					OK	OK	OK	OK					
	12.25					OK	OK	OK	OK					
	15					OK	OK	OK	OK					
	18.12					OK	OK	OK	OK					
	20.32					OK	OK	OK	OK					
	23.12					OK	OK	OK	OK					
GC55 3R	26.06			OK	OK	OK	OK	OK	OK					
	28.97			OK	OK	OK	OK	OK	OK					
	34.33			OK	OK	OK	OK	OK	OK					

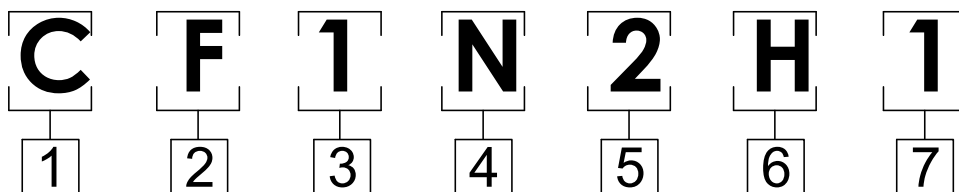
OK - É possível utilizar esta carcaça. Para obter a potência específica e torque máximo de cada redução, consultar a tabela de potência.

REDUÇÃO X CARCAÇA

MODELO	RED	CARCAÇAS IEC												
		C63	C71	C80	C90	C100	C112	C132	C160	C180	C200	C225	C250	C280
GC55 3R	33,61					OK	OK	OK						
	35,5					OK	OK	OK						
	39,67					OK	OK	OK						
	41,9					OK	OK	OK						
	44,25					OK	OK	OK						
	49,46					OK	OK	OK						
	58,76					OK	OK	OK						
	70,49			OK	OK	OK	OK	OK						
	85,74			OK	OK	OK	OK	OK						
	98,74			OK	OK	OK	OK	OK						
	114,97			OK	OK	OK	OK	OK						
	124,39			OK	OK	OK	OK	OK						
	149,66			OK	OK	OK	OK	OK						
	162,58			OK	OK	OK	OK	OK						
GC65 2R	177,48			OK	OK	OK	OK	OK						
	194,87			OK	OK	OK	OK	OK						
	20,62					OK	OK	OK		OK				
	22,62					OK	OK	OK		OK				
	25,06					OK	OK	OK		OK				
	27,07					OK	OK	OK		OK				
	28,34					OK	OK	OK		OK				
	30,44					OK	OK	OK		OK				
	32,91					OK	OK	OK		OK				
	34,33				OK	OK	OK	OK		OK				
GC65 3R	41,43					OK	OK	OK						
	48,62					OK	OK	OK						
	59,9					OK	OK	OK						
	62,56					OK	OK	OK						
	74,95					OK	OK	OK						
	86,65					OK	OK	OK						
	101,28					OK	OK	OK						
	113,25				OK	OK	OK	OK						
	127,62				OK	OK	OK	OK						
	145,17				OK	OK	OK	OK						
GC75 2R	167,12				OK	OK	OK	OK						
	180,28				OK	OK	OK	OK						
	212,69				OK	OK	OK	OK						
	8,81									OK	OK	OK		
	10,29									OK	OK	OK		
	12,17									OK	OK	OK		
	13,5									OK	OK	OK		
	15,77									OK	OK	OK		
	18,65									OK	OK	OK		
	21,06									OK	OK	OK		
GC75 3R	24									OK	OK	OK		
	27,54									OK	OK	OK		
	31,68									OK	OK	OK		
	39,03					OK	OK	OK		OK	OK	OK		
	40,76					OK	OK	OK		OK	OK	OK		
	44,18					OK	OK	OK		OK	OK	OK		
	51,84					OK	OK	OK		OK	OK	OK		
	63,87					OK	OK	OK		OK	OK	OK		
	66,71					OK	OK	OK		OK	OK	OK		
	79,92					OK	OK	OK		OK	OK	OK		
GC85 2R	92,4							OK						
	108							OK						
	120,76							OK						
	136,08							OK						
	154,8							OK						
	178,2							OK						
	192,74							OK						
	226,8										OK	OK	OK	OK
	5,38										OK	OK	OK	OK
	6,66										OK	OK	OK	OK
GC85 3R	7,67										OK	OK	OK	OK
	8,9										OK	OK	OK	OK
	9,45										OK	OK	OK	OK
	11,27										OK	OK	OK	OK
	12,97										OK	OK	OK	OK
	15,07										OK	OK	OK	OK
	20,12									OK	OK	OK	OK	OK
	27,94									OK	OK	OK	OK	OK
	33,14									OK	OK	OK	OK	OK
	39,59									OK	OK	OK	OK	OK
GC95 2R	43,44													
	47,02													
	56,17													
	61,64													
	71,29													
	83,27													
	98,52													
	111,22													
	126,75													
	145,44													
GC95 3R	164,77													
	188,93													
	203,13													
	220													
	4,9										OK	OK	OK	OK
	5,73										OK	OK	OK	OK
	6,76										OK	OK	OK	OK
	7,67										OK	OK	OK	OK
	8,97										OK	OK	OK	OK
	10,58										OK	OK	OK	OK

- 1 - É possível utilizar esta carcaça, porém implicará em fator de serviço menor que 1, ou seja, redutor subdimensionado.
 - Não é possível esta carcaça para seguinte redução.

FORMA CONSTRUTIVA



1 REDUTOR
C= REDUTOR SÉRIE GC

2 ENTRADA
M=MACIÇO
F= FLANGE

3 EIXO DE ENTRADA
1=ESQUERDO
2=DIREITO
3=PARA CIMA
4=PARA BAIXO
5= PARA FRENTE
6=PARA TRÁS

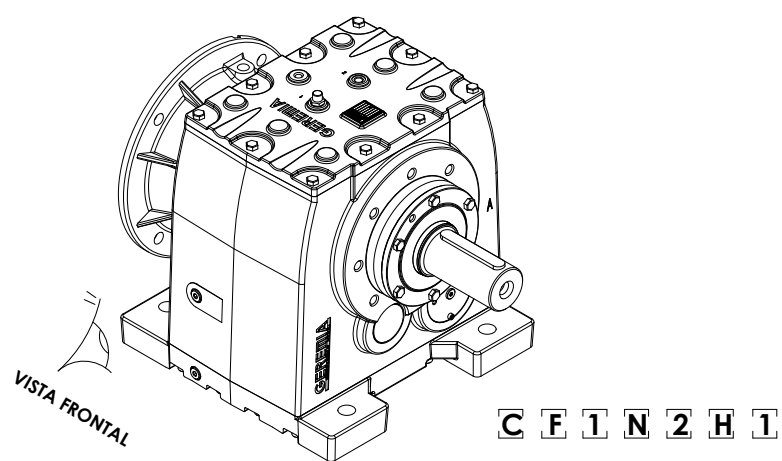
4 EIXO DE SAÍDA
N=EIXO MACIÇO

5 POSICIONAMENTO EIXO DE SAÍDA
1= ESQUERDA
2=DIREITA
3=PARA CIMA
4=PARA BAIXO
5=PARA FRENTE
6= PARA TRÁS

6 POSIÇÃO DO REDUTOR
H= EIXO DE ENTRADA HORIZONTAL SUPERIOR
I= EIXO DE ENTRADA HORIZONTAL INFERIOR
V=EIXO DE ENTRADA VERTICAL PARA CIMA
P= EIXO DE ENTRADA VERTICAL PARA BAIXO
E= EIXO DE ENTRADA HORIZONTAL A ESQUERDA
D= EIXO DE ENTRADA HORIZONTAL A DIREITA

7 ACESSÓRIOS
1=BASE
2=TAMPA
3=FLANGE DE SAIDA
4=BASE + FLANGE DE SAIDA

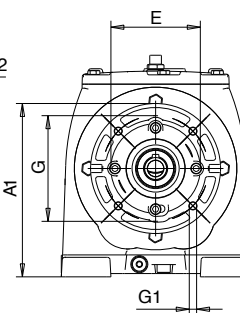
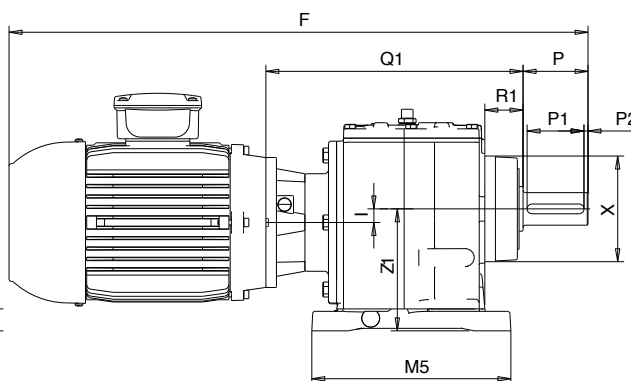
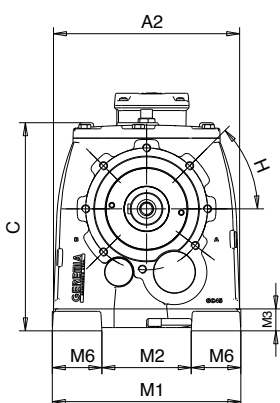
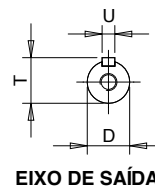
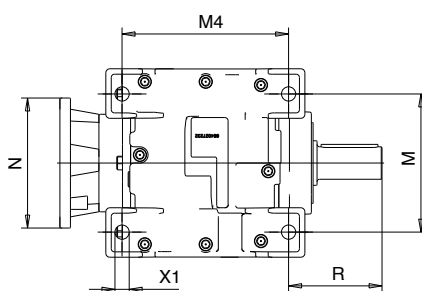
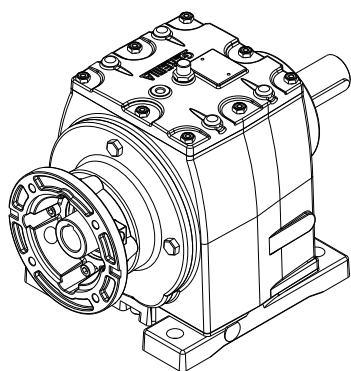
POSIÇÕES DE MONTAGEM



VISTA FRONTAL	VISTA FRONTAL
<p>CF2N1H1</p>	<p>CF2N1H1</p>
<p>CF4N3P2</p>	<p>CF3N4V2</p>
<p>CF5N6E1</p>	<p>CF5N6D1</p>

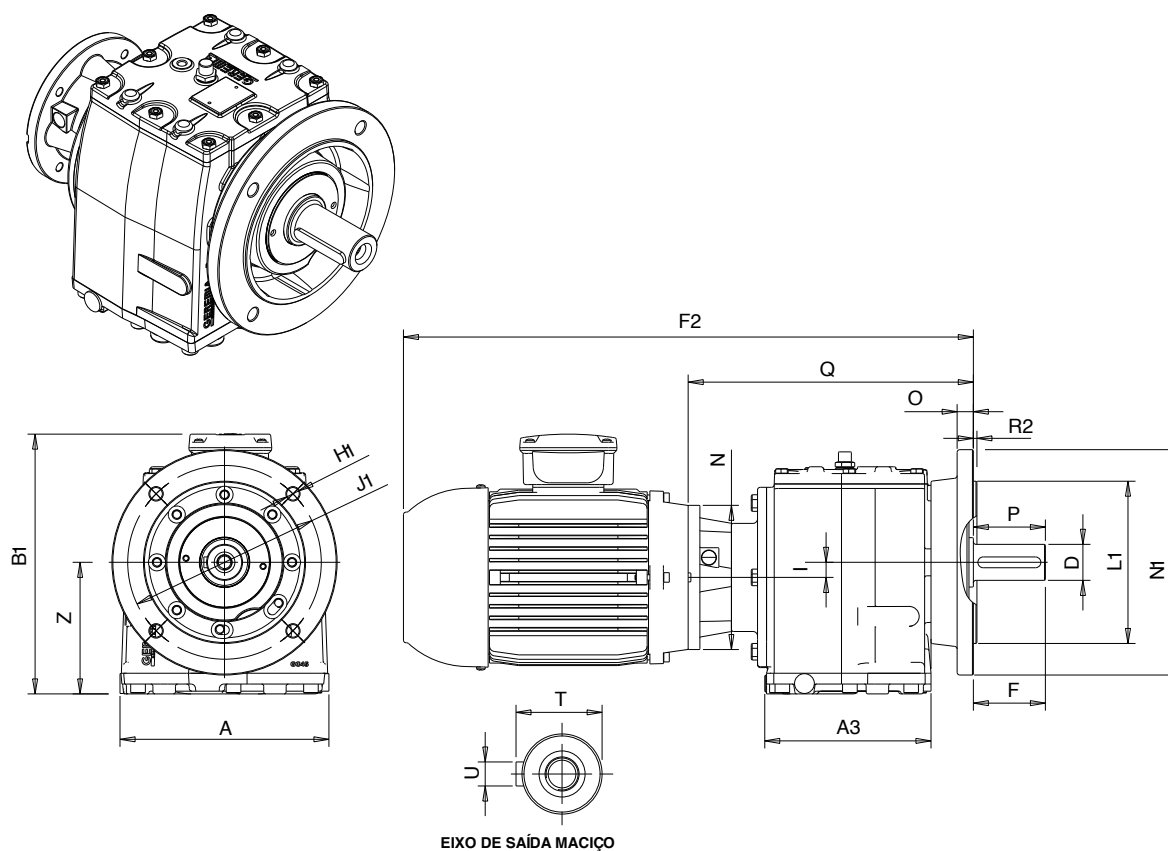
Todas as caixas de ligação estão representadas a zero grau tendo como referência a flange de entrada vista de frente.
Posição de montagem baseada nas vistas 3D (isométrica).

REDUTOR NORMAL



TIPO	IEC	A1	A2	C	D ⁶	E	F	G	G1	H	I	M	M1	M2	M3	M4	M5	M6	N	P	P1	P2	Q1	R	R1	T	U	X	X1	Z1
GC 15	C63B14	129,45	141	162	20	60	410,8	75	5,8	*	5,55	110	154	83	14	110	135	27	90	40	30	5	178,5	58	20	22,5	6	61,5	9	90
	C71B14	136,95				70	439,5	85	6,5										105				179,5							
	C80B14	144,45				80	466	100	6,5										120				190							
GC 25	C63B14	149,2	168	183,5	25	60	456,55	75	5,8	*	5,8	110	168	65	18	130	160	40	90	50	40	5	214,25	81	20	28	8	68	9	110
	C71B14	156,7				70	485,25	85	6,5										105				215,25							
	C80B14	164,2				80	509,25	100	6,5										120				223,25							
	C90B14	174,2				95	553,75	115	8,5										140				224,25							
GC 35	C71B14	150,5	174	195	30*	70	514,5	85	6,5	*	22	135	180	80	20	165	195	50	105	60	50	5	234,5	90,5	38,5	33	8	100	13,5	120
		35			70	524,5	85	6,5	105										70	55	244,5		100,5	38		10				
	C80B14	158			30*	80	540,5	100	6,5										120	60	50		244,5	100,5		38	8			
		35			80	550,5	100	6,5	120										60	55	244,5		100,5	38		10				
	C90B14	168			30*	95	574	115	8,5										140	60	50		244,5	90,5		33	8			
		35			95	594	115	8,5	140										60	55	244,5		100,5	38		10				
	C100B14	178			30*	110	650,6	130	8,5										160	60	50		274,5	90,5		33	8			
C112B14		35	110	660,6	130	8,5	160	60	55	274,5	100,5	38	10																	
GC 45	C80B14	193,25	229,2	256	35*	80	602,5	100	6,5	*	16,75	170	232	110	27	205	245	61	120	70	55	7,5	296,5	105	47	38	10	130	17,5	150
		40			80	612,5	100	6,5	120										80	70	5	296,5	115	43		12				
	C90B14	203,25			35*	95	646	115	8,5										140	70	55	7,5	296,5	105		38	10			
		40			95	656	115	8,5	140										80	70	5	296,5	115	43		12				
	C100B14	213,25			35*	110	702,6	130	8,5										160	70	55	7,5	316,5	105		38	10			
	C112B14				40	110	712,6	130	8,5										160	80	70	5	316,5	115		43	12			
	C132B14	233,25			35*	130	805,3	165	11										200	70	55	7,5	326,5	105		38	10			
		40	130	815,3	165	11	200	80	70	5	326,5	115	43	12																
GC 55	C90B5	276	305	322	50	130	748	165	12	*	24,03	215	304	139	35	260	310	75	200	100	80	10	368,5	140	47	53,5	14	150	17,5	200
	C100/C112B5	301				180	791,6	215	15										250				375,5							
	C132B5	326				230	902,3	265	15										300				392,5							
	C160B5	351				250	1060,8	300	19										350				428,5							
GC 65	C90B5	320,6	366	392,8	60	130	801,5	165	12	*	29,27	250	366	171	50	310	363	79	200	120	110	5	403	144	46	64	18	150	22	250
	C100/C112B5	345,73				180	841,6	215	15										250				406,5							
	C132B5	370,73				230	955,8	265	15										300				427							
	C160B5	395,73				250	1100,3	300	19										350				449							
	C180B5	395,73				250	1159,65	300	19										350				449							
GC 75	C100/C112B5	350,6	432	471,2	70	180	898,1	215	15	*	54,41	290	419	183	45	370	435	118	250	140	125	7,5	442	185	45	74	20	190	26	280
	C132B5	375,6				230	1007,3	265	14										300				457,5							
	C160B5	400,6				250	1158,8	300	19										350				486,5							
	C160B5	400,6				250	1100,3	300	19										350				486,5							
	C200B5	425,6				300	1310,2	350	19										400				513,2							
	C225B5	450,6				350	1398,7	400	19										450				552,7							
	C112B5	410,3				180	1010	215	15										300				502							
GC 85	C132B5	435,3	490	527	90	230	1110	265	14	*	29,7	340	450	225	70	410	490	112	300	170	150	10	527	220	-	95	25	-	33	315
	C160B5	460,3				250	1258	300	19										350				556							
	C180B5	460,3				250	1315	300	19										350				556							
	C200B5	485,3				300	1382	350	19										400				557							
	C225B5	510,3				350	1571	400	19										450				693							
	C250B5	560,3				450	1678	500	19										550				724							
	C280B5	560,3				450	1791	500	19										550				724							
	C132B5	451,48				230	1322,5	265	14										300				678							
GC95	C160B5	483,48	530	565	110	250	1455,35	300	19	*	46,5	380	530	220	80	500	590	155	350	210	190	10	712,7	260	110	116	28	-	39	355
	C200B5	508,5				300	1586,26	350											400				725							
	C225B5	537,4				350	1706	400											450				755							
	C250B5					500	1814,5	500											550				786							
	C280B5	584,3				500	1922,1	500											550				786							
						500	1922,1	500											550				786							

REDUTORES COM FLANGE DE SAÍDA (GC15 A GC65)

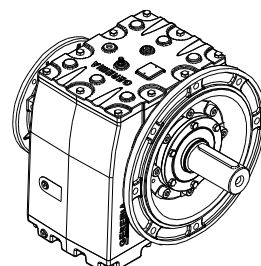
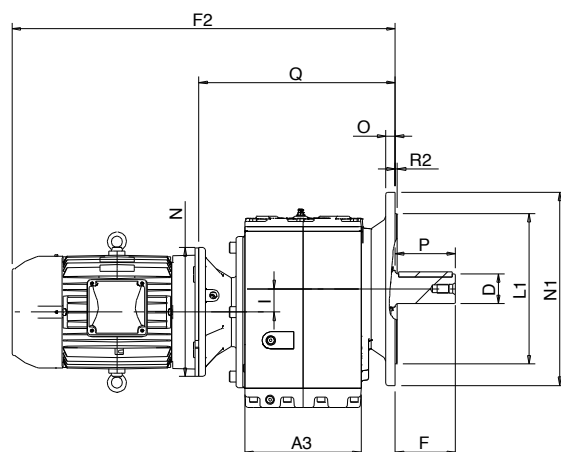


TIPO	IEC	A	A3	B1	D ^k	F	F2	H1	I	J1	L1	N	NI	O	P	Q	R2	T	U	Z
GC 15	C63B14	142	104	197,95	20	40	370,8	6,5	5,55	100	80	90	120	10	40	178	3	22,5	6	90,5
	C71B14			205,45			399,5					105				179,5				
	C80B14			214,45			426					120				190				
GC 25	C63B14	168	138	217,2	25	50	406,55	6,5	5,8	100	79	90	120	10	50	214,25	3	28	8	110
	C71B14			225,2			435,25					105				215,25				
	C80B14			234,2			459,25					120				223,25				
	C90B14			253,2			503,75					140				224,25				
GC 35	C71B14	176	153,25	222	30*	60	454,5	11	22	165	130	105	200	11,5	60	234,5	3,5	33	8	123
	35				70	70						38			10					
	C80B14			231	30*	60	480,5					120			60	244,5		33	8	
					35	70	70					38			10					
	C90B14			250	30*	60	524					140			60	244,5		33	8	
					35	70	70					38			10					
	C100B14			260	30*	60	590,6					160			60	274,5		33	8	
C112B14	35	70	70		38	10														
GC 45	C80B14	232	184,5	259,25	35*	70	532,5	14	16,75	214	180	120	250	18	70	296,5	4	38	10	146
	C90B14			40	80	576	80					43			12					
				35*	70		70					38			10					
	C100B14			278,25	40	80	632,6					140			80	296,5		43	12	
					35*	70						70			38	10				
	C112B14			40	80	160	80					316,5			43	12				
	C132B14			337,25	35*		70					735,3			200	70		326,5	38	
GC 55	C90B5	305	231,4	315	50	100	648	13,5	24,03	265	230	200	300	18	100	368,5	4	53,5	14	190
	C100/C112B5			325			691,6					250				375,5				
	C132B5			374			802,3					300				392,5				
	C160B5			415			960,8					350				428,5				
	C90B5			369,73			679,5					200				400				
GC 65	C100/C112B5	366	278	379,73	60	120	723,1	18,5	29,27	300	250	250	350	20	120	407	5	64	18	250
	C132B5			428,73			833,8					300				424				
	C160B5			469,73			978,3					350				446				
	C180B5			489,73			1037,65					350				446				

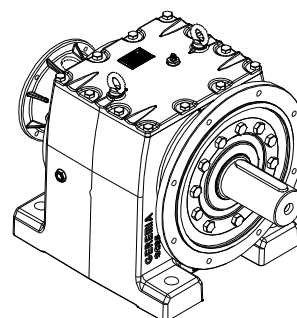
1 - No caso de aplicação de servo motores entrar em contato com a Geremia Redutores para avaliação da aplicação

* Diâmetro opcional do eixo de saída

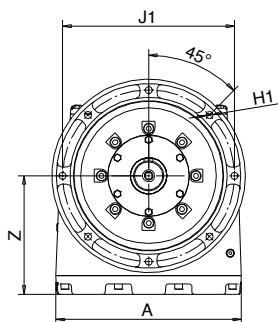
REDUTORES COM FLANGE DE SAÍDA (GC75 A GC95)



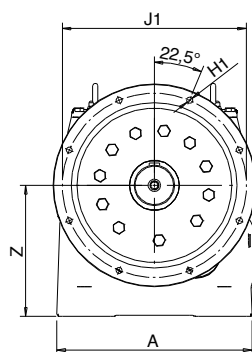
GC75



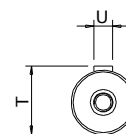
GC85 E GC95



GC75



GC85 E GC95

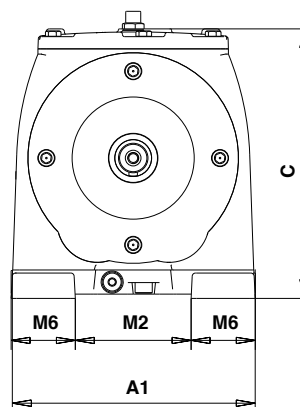
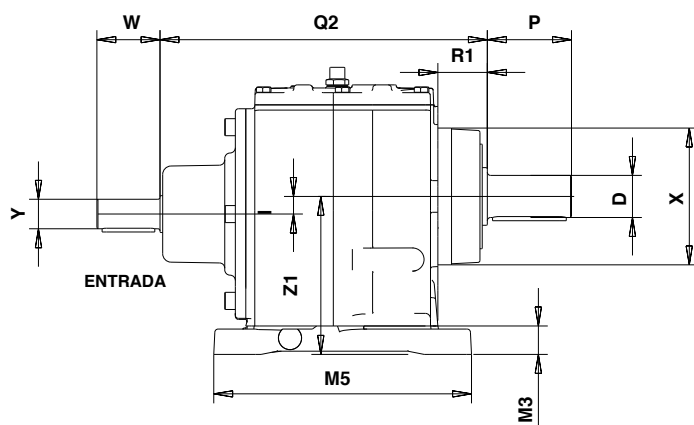
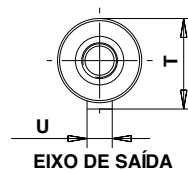
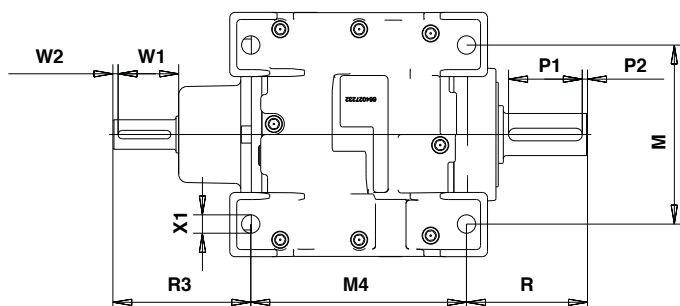
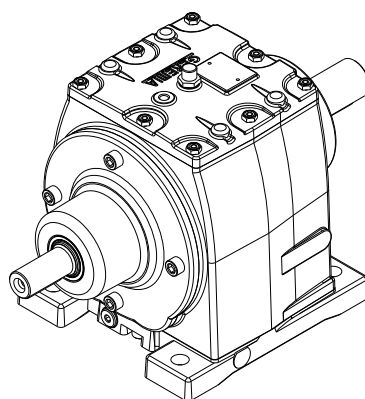


EIXO DE SAÍDA MACIÇO

TIPO	IEC	A	A3	D ⁶	F	F2	H1	I	J1	L1	N	N1	O	P	Q	R2	T	U	Z
GC75	C100/112B5	432	271	70	140	898.1	18	54.41	400	350	250	450	22	140	442	5	74	20	276
	C132B5					1007.3					300				457.5				
	C160B5					1158.8					350				486.5				
	C180B5					1217.1					400				413.2				
	C200B5					1310.2					450				552.7				
	C225B5					1399.7					500				678				
GC85	112B5	450	490	90	170	836	17	29.7	400	350	250	450	22	170	502	5	95	25	315
	C132B5					937					300				527				
	C160B5					1088					350				556				
	C180B5					1145					400				693				
	C200B5					1212					450				724				
	C225B5					1401					500				781				
	C250B5					1508					550				836				
	C280B5					1621					600				898				
GC95	C132B5	530	590	110	210	1112.5	17	46.52	500	450	300	550	25	210	678	5	116	28	355
	C160B5					1245.35					350				712.7				
	C180B5					1304.4					400				720				
	C200B5					1376.26					450				750				
	C225B5					1495.96					500				836				
	C250B5					1604.5					550				898				
	C280B5					1711.1					600				937				

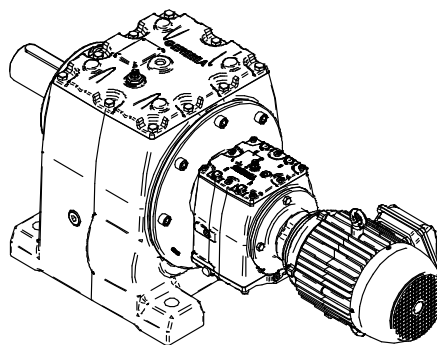
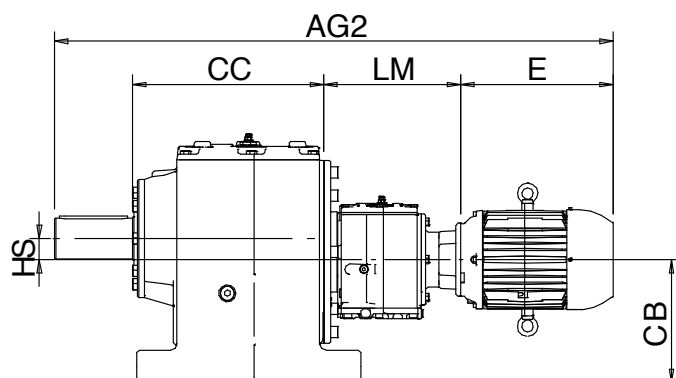
1 - No caso de aplicação de servo motores entrar em contato com a Geremia Redutores para avaliação da aplicação
* Diâmetro opcional do eixo de saída

REDUTORES COM EIXO DE ENTRADA MACIÇO

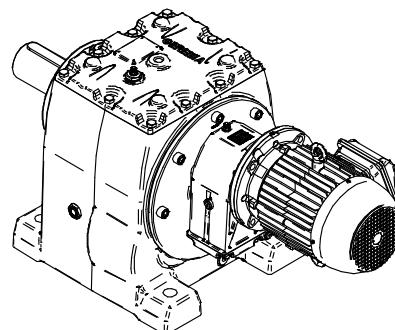
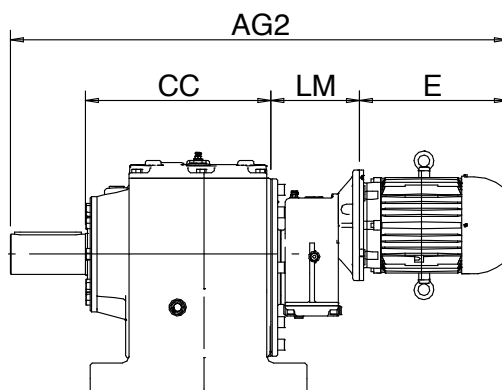


MOD	C	D ¹⁶	J	I	M	M1	M2	M3	M4	M5	M6	K	P	P1	P2	Q2	R	R1	R3	T	U	W	W1	W2	X	X1	Y ¹⁶	Z1
GC 25	185,5	25	6	5,8	110	168	65	18	130	160	40	21,5	50	40	5	219	81	20	98	28	8	40	30	5	68	9	19	110
GC 35	195	30	8	22	135	180	80	20	165	195	50	27	60	50	5	254,5	90,5	38,5	109	33	8	50	40	5	100	13,5	24	120
		35											70	55			100,5			38	10							
GC 45	256	35	8	16,75	170	232	110	27	205	245	61	31	70	55	7,5	311	105	47	131	38	10	60	50	5	130	17,5	28	150
		40											80	70	5		115			43	12							
GC 55/2R	322	50	10	24,03	215	304	139	35	260	310	75	41	100	80	10	411	140	47	191	53,5	14	80	70	5	150	17,5	38	200
GC 55/3R			8									31				368			128			60	50				28	
GC 65/2R	302,8	60	12	29,27	250	366	171	50	310	363	79	45	120	110	5	404	144	46	182	64	18	110	70	10	150	22	42	250
GC 65/3R			8									31				391,5			121,5			60	50	5			28	
GC 75/2R	471,2	70	12	54,41	290	419	183	45	370	435	118	45	140	125	7,5	526	185	45	221	74	20	110	70	10	190	26	42	280
GC 75/3R			10									41				483			148			80	70	5			38	
GC 85/2R	527	90	16	29,7	340	450	225	70	410	490	112	59	170	150	10	583	220	-	233	95	25	110	90	10	-	33	55	315
GC 85/3R			12									45											100	5			42	
GC95	561	110	16	46,52	380	524	216	80	500	590	154	59	210	190	10	680	260	110	240	116	28	110	90	10	-	39	55	355

REDUTOR GC + GC



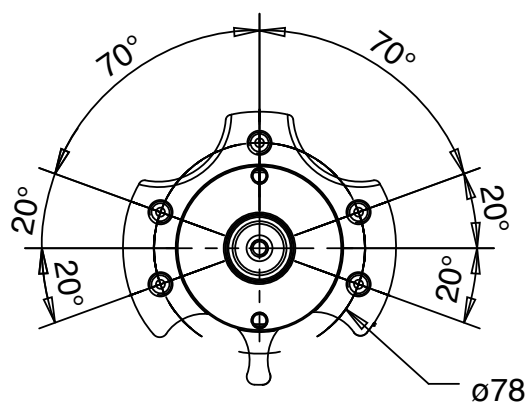
MODELO	IEC ABNT	E	LM	HS	CB	CC	AG2
GC35GC15	C63B14	193.3	178.5	27.55	92.45	244.5	686.3
	C71B14	219	179.5	27.55	92.45	244.5	713
	C80B14	237	190	27.55	92.45	244.5	741.5
GC45GC15	C63B14	193.3	188.5	22.3	127.7	229.5	691.3
	C71B14	219	189.5	22.3	127.7	229.5	718
	C80B14	237	200	22.3	127.7	229.5	746.5
GC55GC25	C63B14	193.3	212.25	29.83	170.17	279.5	785.05
	C71B14	219	213.25	29.83	170.17	279.5	811.75
	C80B14	237	221.25	29.83	170.17	279.5	837.75
GC65GC35	C90B14	280	222.25	29.83	170.17	279.5	881.75
	C71B14	219	243	51.27	198.73	311	893
	C80B14	237	253	51.27	198.73	311	921
	C90B14	280	253	51.27	198.73	311	964
	C100B14	316.1	283	51.27	198.73	311	1030.1
GC75GC35	C112B14	434.1	283	51.27	198.73	311	1148.1
	C71B14	219	250.1	76.41	203.59	355	964.1
	C80B14	237	260.1	76.41	203.59	355	992.1
	C90B14	280	260.1	76.41	203.59	355	1035.1
	C100B14	316.1	290.1	76.41	203.59	355	1101.2
GC85GC45	C112B14	434.1	290.1	76.41	203.59	355	1219.2
	C80 B14	237	280.95	46.45	268.55	419	1106.95
	C90 B14	280	280.95	46.45	268.55	419	1149.95
	C100 B14	316.1	300.95	46.45	268.55	419	1206.05
	C112 B14	334.1	300.95	46.45	268.55	419	1224.05
GC95GC45	C132 B14	434.5	310.95	46.45	268.55	419	1334.45
	C80 B14	237	270.5	63.25	291.75	488	1207.5
	C90 B14	280	270.5	63.25	291.75	488	1250.5
	C100 B14	316.1	290.5	63.25	291.75	488	1306.6
	C112 B14	334.1	290.5	63.25	291.75	488	1324.6
GC95GC45	C132 B14	434.5	300.5	63.25	291.75	488	1435



MODELO	IEC ABNT	E	LM	HS	CB	CC	AG2
GC35GA56	C63B5	193.3	129	23.12	143.12	244.5	636.8
	C71B5	219	131.5	23.12	143.12	244.5	665
	C80B5	237	146	23.12	143.12	244.5	697.5
GC45GA71	C63B5	193.3	161	34.65	184.65	229.5	663.8
	C71B5	219	161	34.65	184.65	229.5	689.5
	C80B5	237	161	34.65	184.65	229.5	707.5
	C90B5	280	161	34.65	184.65	229.5	750.5
	C100B5	316.1	168	34.65	184.65	229.5	793.6
GC55GA90	C80B5	237	176	38.97	238.97	279.5	792.5
	C90B5	280	176	38.97	238.97	279.5	835.5
	C100/C112B5	334.1	183	38.97	238.97	279.5	896.6
GC65GA90	C80B5	237	188.5	33.73	283.73	311	856.5
	C90B5	280	188.5	33.73	283.73	311	899.5
	C100/C112B5	334.1	195.5	33.73	283.73	311	960.6
GC75GA112	C90B5	280	238.1	40.59	320.59	355	1013.1
	C100/C112B5	334.1	245.1	40.59	320.59	355	1074.2
	C132B5	434.5	259.1	40.59	320.59	355	1188.6
GC85GA112	C90B5	280	230.5	65.3	380.3	419	1099.5
	C100/112B5	334.1	237.5	65.3	380.3	419	1160.6
	C132B5	434.5	251.5	65.3	380.3	419	1275
	C112B14	434.1	290.1	76.4	203.6	355	1219.2
GC95GA132	C100/112B5	334.1	254	80.5	435.5	488	1270.1
	C132B5	434.5	283	80.5	435.5	488	1417.5
	C160B5	532.65	302.5	80.5	435.5	488	1535.2

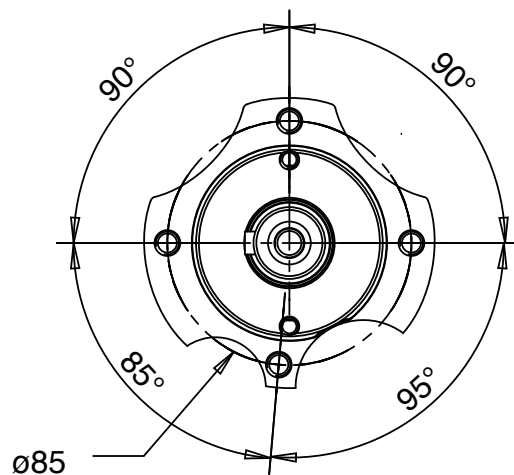
FURAÇÕES DE SAÍDA DA CAIXA

GC15



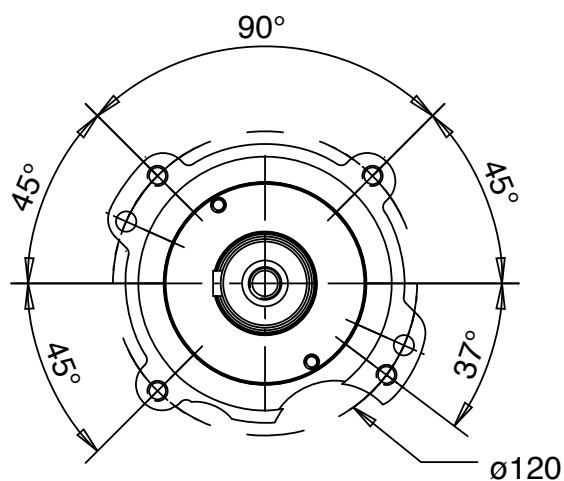
5 ROSCAS M8 x 1,25
PROF. ROSCA: 13mm

GC25



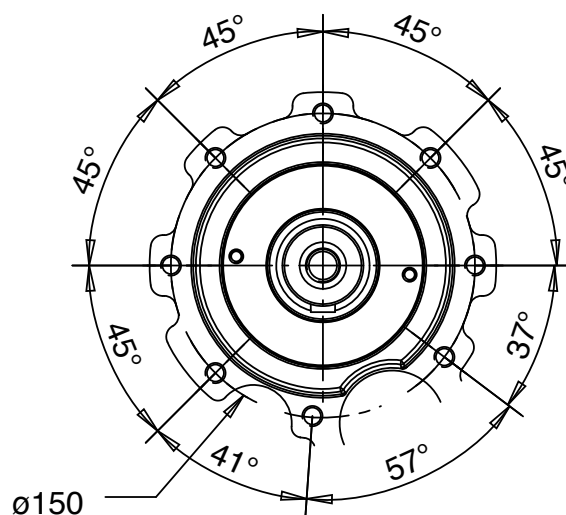
4 ROSCAS M8 x 1,25
PROF. ROSCA: 12mm

GC35



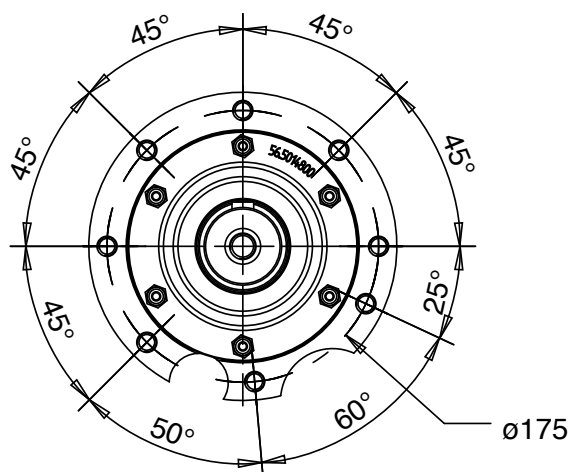
4 ROSCAS M8 x 1,25
PROF. ROSCA: 15mm

GC45



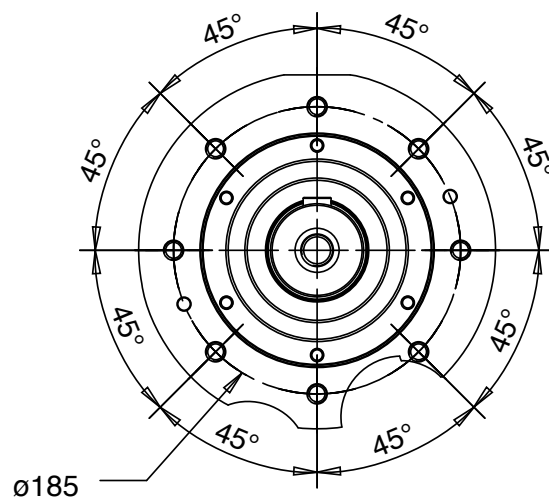
8 ROSCAS M10 x 1,5
PROF. ROSCA: 17mm

GC55



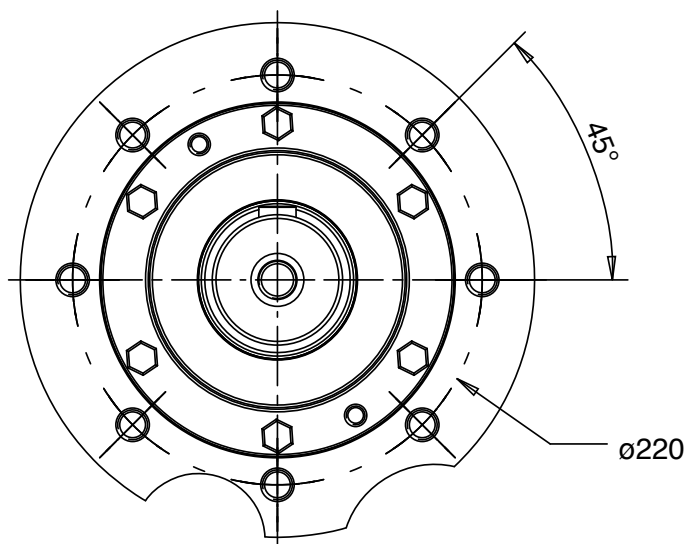
8 ROSCAS M12 x 1,75
PROF. ROSCA: 17mm

GC65



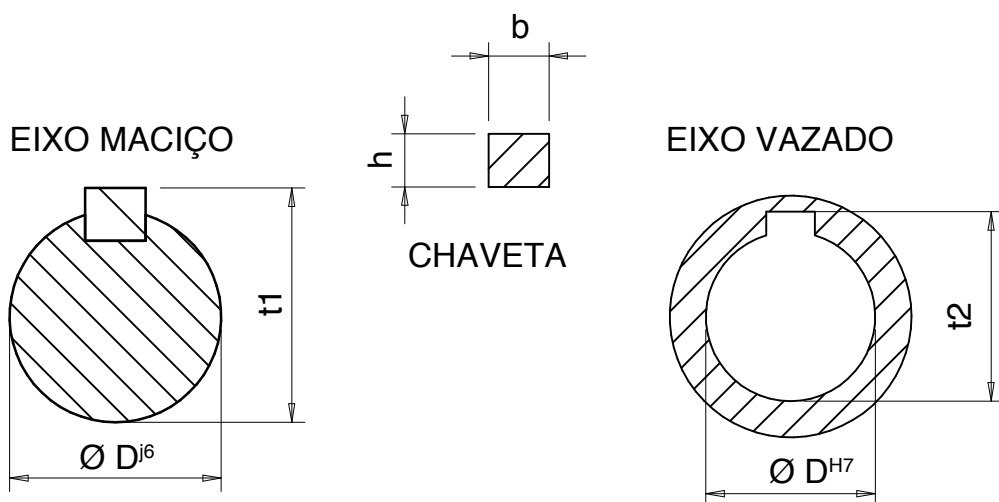
8 ROSCAS M12 x 1,75
PROF. ROSCA: 21mm

GC75



8 ROSCAS M16 x 2,0
PROF. ROSCA: 23mm
FUROS EQUIDISTANTES

EIXOS CHAVETADOS



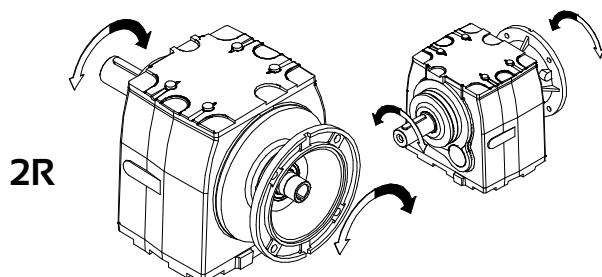
EIXO MACIÇO DE ENTRADA					
REDUTOR	ØD _{i6}	CHAVETA		RASGO	
		b	h	t ₁	t ₂
GC25	19	6	6	21.5	21.8
GC35	24	8	7	27	27.3
GC45	28	8	7	31	31.3
GC55/2R	38	10	8	41	41.3
GC55/3R	28	8	7	31	31.3
GC65/2R	42	12	8	45	45.3
GC65/3R	28	8	7	31	31.3
GC75/2R	42	12	8	45	45.3
GC75/3R	38	10	8	41	41.3
GC85/2R	55	16	10	59	59.3
GC85/3R	42	12	8	45	45.3
GC95/2R	55	16	10	59	59.3
GC95/3R	55	16	10	59	59.3

EIXO MACIÇO DE SAÍDA					
REDUTOR	ØD _{i6}	CHAVETA		RASGO	
		b	h	t ₁	t ₂
GC25	25	8	7	28	28.3
GC35	30	8	7	33	33.3
	35	10	8	38	38.3
GC45	35	10	8	38	38.3
	40	12	8	43	43.3
GC55/2R	50	14	9	53.5	53.8
GC55/3R	50	14	9	53.5	53.8
GC65/2R	60	18	11	64.1	64.4
GC65/3R	60	18	11	64.1	64.4
GC75/2R	70	20	12	74.6	74.9
GC75/3R	70	20	12	74.6	74.9
GC85/2R	90	25	14	95.1	95.4
GC85/3R	90	25	14	95.1	95.4
GC95/2R	110	28	16	116.1	116.4
GC95/3R	110	28	16	116.1	116.4

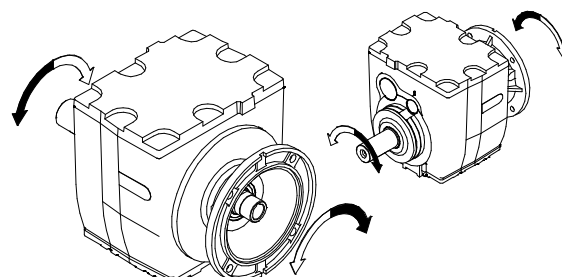
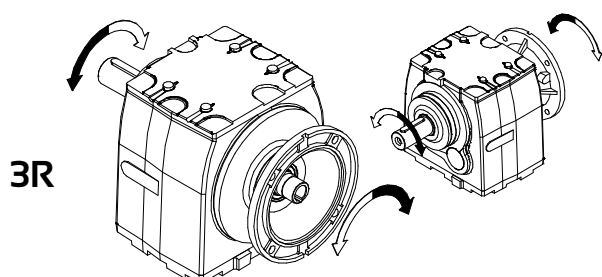
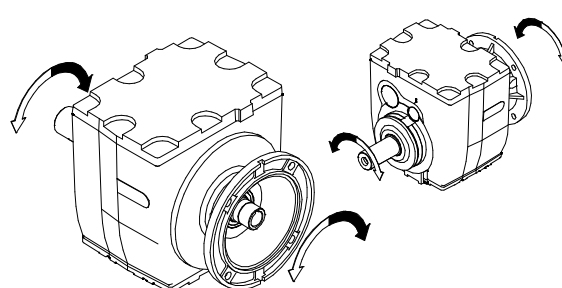
SENTIDO DE GIRO

Abaixo as figuras representam o sentido de giro do redutor conforme a redução e forma construtiva selecionada pelo cliente.

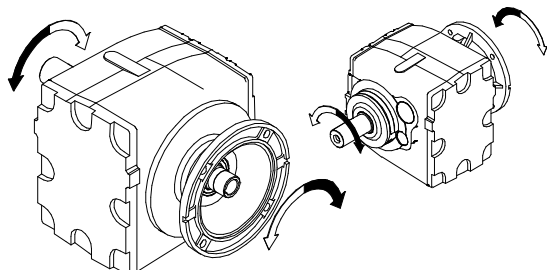
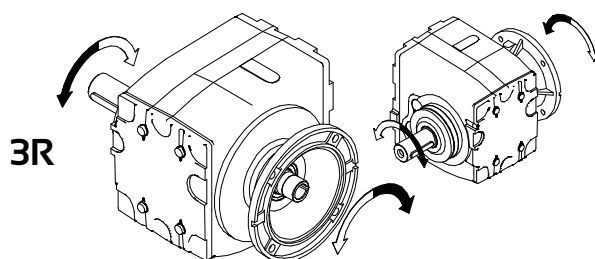
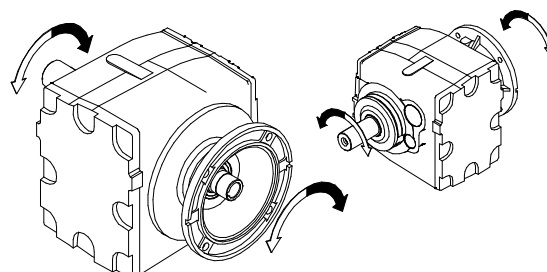
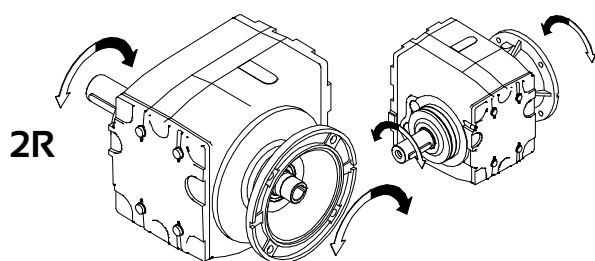
Horizontal Superior



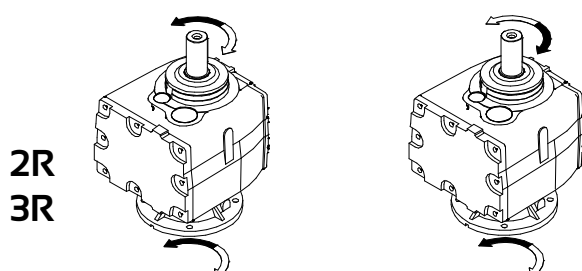
Horizontal Inferior



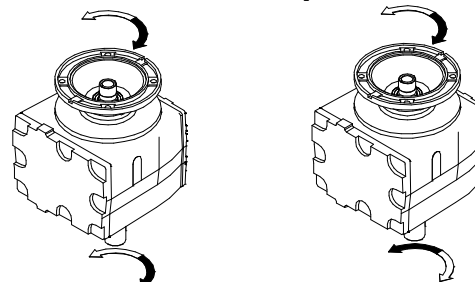
Horizontal Direita



Vertical Inferior



Vertical Superior



Forças Radiais de entrada (Fre) e Força Radiais de Saída (Fra)

MOD.	RED	SAÍDA	
		RPM SAÍDA	FRa (N)
GC 15/2R	7,89	215,40	1900
	10,68	159,20	1800
	13,09	129,90	2000
	14,08	120,70	2100
	16,47	103,20	2150
	19,58	86,80	2200
	21,53	78,90	2400
	26,60	63,90	2500
GC 15/3R	29,25	58,10	2500
	34,20	49,70	
	37,13	45,80	
	39,56	43,00	
	43,41	39,20	
	48,51	35,00	
	52,19	32,60	
	56,33	30,20	
	61,02	27,90	
	65,87	25,80	
	72,58	23,40	
	79,80	21,30	
	84,87	20,00	
	93,31	18,20	
	98,58	17,20	
	115,27	14,70	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe(CV)	Me (Nm)	FRe (N)		
GC 25/2R	7,33	3,00	12,40	1100	232,00	1350
	8,64	3,00	12,40	1080	196,70	1600
	10,31	3,00	12,40	1000	164,90	1800
	12,49	3,00	12,40	900	136,10	2100
	15,47	3,00	12,40	850	109,90	2400
	17,08	3,00	12,40	800	99,50	2600
	19,93	2,00	8,27	1000	85,30	2800
	21,91	2,00	8,27	950	77,60	2950
	24,25	2,00	8,27	800	70,10	3100
	27,07	1,50	6,20	1000	62,80	3200
	31,26	1,50	6,20	1125	54,40	3600
	36,88	1,00	4,13	1125	46,10	3950
	43,99	1,00	4,13	1100	38,60	4450
	53,30	1,00	4,13	1100	31,90	4800
GC 25/3R	60,10	0,75	3,10	1100	28,30	4900
	65,99	0,75	3,10	1050	25,80	
	72,87	0,50	2,07	1100	23,30	
	85,03	0,50	2,07	1060	20,00	
	93,49	0,50	2,07	1060	18,20	5000
	103,49	0,50	2,07	1060	16,40	
	115,48	0,33	1,36	1125	14,70	
	133,48	0,33	1,36	1100	12,70	
	148,48	0,33	1,36	1100	11,40	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe(CV)	Me (Nm)	FRe (N)		
GC 35/2R	7,62	7,50	31,0	1250	223,23	1000
	8,88	7,50	31,0	1250	191,34	1230
	11,35	7,50	31,0	1210	149,80	1461
	13,54	7,50	31,0	1200	125,57	1691
	16,40	6,00	24,8	1080	103,64	1922
	18,49	6,00	24,8	1050	91,92	2152
	20,31	5,00	20,7	1000	83,71	2382
	22,42	5,00	20,7	1000	75,81	2613
	26,17	4,00	16,5	1000	64,97	2843
	28,77	4,00	16,5	980	59,09	3074
	31,01	3,00	12,4	1700	54,83	3304
	36,17	3,00	12,4	1700	47,00	3534
	46,20	2,00	8,3	1650	36,79	3765
	55,12	2,00	8,3	1650	30,84	3995
GC 35/3R	66,78	1,50	6,2	1650	25,46	4226
	75,30	1,50	6,2	1650	22,58	4456
	82,68	1,00	4,1	1800	20,56	4686
	91,29	1,00	4,1	1750	18,62	4917
	106,53	1,00	4,1	1700	15,96	5147
	117,13	1,00	4,1	1700	14,51	5378
	129,66	0,75	3,1	1700	13,11	5608
	144,69	0,75	3,1	1650	11,75	5838
	167,24	0,50	2,1	1700	10,16	6069
	186,03	0,50	2,1	1700	9,14	6299
GC35/3R GA56	213,70	0,50	-	-	7,96	7100
	260,44	0,50	-	-	6,53	
	300,51	0,33	-	-	5,66	
	353,27	0,33	-	-	4,81	
	385,32	0,33	-	-	4,41	
	422,72	0,25	-	-	4,02	
GC35/3R GC15/2R	467,46	0,25	-	-	3,64	7100
	588,68	0,16	-	-	2,89	
	721,52	0,16	-	-	2,36	
	776,09	0,16	-	-	2,19	
	907,83	0,16	-	-	1,87	
	1079,25	0,16	-	-	1,58	
GC35/3R GC15/3R	1186,73	0,16	-	-	1,43	7100
	1466,19	0,16	-	-	1,16	
	1612,26	0,16	-	-	1,05	
	1885,10	0,16	-	-	0,90	
	2046,61	0,16	-	-	0,83	
	2180,55	0,16	-	-	0,78	
GC35/3R GC15/3R	2673,87	0,16	-	-	0,64	7100
	3104,91	0,16	-	-	0,55	
	3363,42	0,16	-	-	0,51	
	4000,61	0,16	-	-	0,42	
	4678,03	0,16	-	-	0,36	
	5433,73	0,16	-	-	0,31	
	6353,68	0,16	-	-	0,27	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe(CV)	Me (Nm)	FRe (N)		
GC 45/2R	7,24	15,00	62,0	2000	235,00	4350
	7,64	15,00	62,0	1950	222,40	5000
	8,54	15,00	62,0	1900	199,00	
	10,15	15,00	62,0	1400	167,50	
	12,17	15,00	62,0	1250	139,60	5500
	14,81	12,50	51,7	1300	114,80	
	17,05	10,00	41,3	1550	99,70	
	19,86	10,00	41,3	1250	85,60	
	22,17	7,50	31,0	1600	78,70	6300
	25,85	7,50	31,0	1100	65,80	
	28,08	6,00	24,8	1500	60,50	
	30,65	6,00	24,8	1400	55,50	
	33,65	6,00	24,8	1200	50,50	
	35,06	6,00	24,8	2200	48,50	6300
GC 45/3R	37,04	5,00	20,7	2250	45,90	
	41,39	5,00	20,7	2150	41,10	
	49,18	4,00	16,5	2200	34,60	
	59,00	3,00	12,4	2200	28,80	
	71,76	2,00	8,3	2250	23,70	
	82,63	2,00	8,3	2200	20,60	
	96,22	2,00	8,3	2150	17,70	
	107,45	1,50	6,2	2200	15,80	
	125,25	1,50	6,2	2150	13,60	
	136,07	1,50	6,2	2100	12,50	
GC45/3R GA71	148,54	1,00	4,1	2000	11,40	8700
	163,09	1,00	4,1	2000	10,40	
	189,45	1,00	-	-	8,97	
	246,85	0,75	-	-	6,89	
	266,23	0,75	-	-	6,39	
	310,72	0,50	-	-	5,47	
GC45/3R GC15/2R	369,56	0,50	-	-	4,60	8700
	406,88	0,50	-	-	4,18	
	502,32	0,50	-	-	3,38	
	630,12	0,33	-	-	2,70	
	772,31	0,25	-	-	2,20	
	830,72	0,25	-	-	2,05	
GC45/3R GC15/3R	971,73	0,16	-	-	1,75	8700
	1155,22	0,16	-	-	1,47	
	1270,27	0,16	-	-	1,34	
	1725,75	0,16	-	-	0,99	
	2017,80	0,16	-	-	0,84	
	2334,04	0,16	-	-	0,73	
GC45/3R GC15/3R	2561,19	0,16	-	-	0,66	8700
	2862,09	0,16	-	-	0,59	
	3323,47	0,16	-	-	0,51	
	3886,33	0,16	-	-	0,44	
	4708,20	0,16	-	-	0,36	
	5505,29	0,16	-	-	0,31	
	6800,93	0,16	-	-	0,25	

Forças Radiais de entrada (Fre) e Força Radiais de Saída (Fra)

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe(CV)	Me (Nm)	Fre (N)		
GC 55/2R	9,35	25,00	103,3	4000	181,70	10000
	12,25	25,00	103,3	3900	138,80	
	15,00	25,00	103,3	3100	113,40	12600
	18,12	20,00	82,7	3500	93,80	
	20,32	15,00	62,0	4000	83,70	
	23,12	15,00	62,0	3900	73,50	
	26,06	15,00	62,0	3500	65,20	
	28,97	12,50	51,7	3900	58,70	
GC 55/3R	33,61	10,00	41,3	1800	50,60	13000
	35,50	10,00	41,3	1500	47,90	
	39,67	10,00	41,3	1400	42,90	
	41,90	7,50	31,0	2000	40,60	
	44,25	7,50	31,0	1900	38,40	18000
	49,46	7,50	31,0	1600	34,40	
	58,76	6,00	24,8	2000	28,90	
	70,49	5,00	20,7	2000	24,10	
	85,74	4,00	16,5	2000	19,80	
	98,74	4,00	16,5	1900	17,20	
	114,97	3,00	12,4	2000	14,80	
	128,39	3,00	12,4	2000	13,20	
	149,66	2,00	8,3	2000	11,40	
	162,58	2,00	8,3	2100	10,50	
	177,48	2,00	8,3	2050	9,60	
	194,87	2,00	8,3	2000	8,70	
GC55/3R GA90	198,08	2,00	-	-	8,58	18000
	242,49	1,50	-	-	7,01	
	305,22	1,00	-	-	5,57	
	363,02	1,00	-	-	4,68	
	399,68	1,00	-	-	4,25	
	441,97	1,00	-	-	3,85	
GC55/3R GC25/2R	493,43	1,00	-	-	3,45	18000
	509,93	0,75	-	-	3,33	
	605,82	0,75	-	-	2,81	
	617,76	0,50	-	-	2,75	
	765,15	0,50	-	-	2,22	
	844,78	0,50	-	-	2,01	
	909,02	0,50	-	-	1,87	
	1003,62	0,33	-	-	1,69	
	1171,09	0,33	-	-	1,45	
	1287,43	0,33	-	-	1,32	
GC55/3R GC25/3R	1424,93	0,25	-	-	1,19	18000
	1590,63	0,25	-	-	1,07	
	1836,84	0,50	-	-	0,93	
	2167,07	0,50	-	-	0,78	
	2584,85	0,50	-	-	0,66	
	3131,91	0,17	-	-	0,54	
	3531,48	0,17	-	-	0,48	
	4281,84	0,17	-	-	0,40	
	4996,36	0,17	-	-	0,34	
	5493,47	0,17	-	-	0,31	
GC55/3R GC25/3R	6785,60	0,17	-	-	0,25	18000
	7843,28	0,17	-	-	0,22	
	8724,68	0,17	-	-	0,19	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe(CV)	Me (Nm)	Fre (N)		
GC 65/2R	10,69	30,0	124,0	4500	159,00	22000
	12,62	30,0	124,0	4500	134,70	
	15,06	30,0	124,0	4000	112,90	
	17,07	30,0	124,0	3900	99,60	
	20,34	25,0	103,3	4000	83,60	
	24,04	25,0	103,3	3800	70,70	
	26,91	20,0	82,7	4000	63,20	
	30,66	20,0	82,7	3800	55,40	
	34,33	15,0	62,0	4500	49,50	
	41,43	15,0	62,0	2500	41,00	27000
GC 65/3R	48,62	12,5	51,7	2500	35,00	
	59,90	10,0	41,3	2500	28,40	
	62,56	10,0	41,3	2500	27,20	
	74,95	7,5	31,0	2600	22,70	
	86,65	7,5	31,0	2500	19,60	
	101,28	6,0	24,8	2600	16,80	
	113,25	6,0	24,8	2500	15,00	
	127,62	5,0	20,7	2500	13,30	
	145,17	4,0	16,5	2700	11,70	
	167,12	4,0	16,5	2600	10,20	
	180,28	3,0	12,4	2700	9,40	
	212,69	3,0	12,4	2600	8,00	
GC65/3R GA90	257,83	2	-	-	6,59	27000
	324,53	2	-	-	5,24	
	385,99	1,5	-	-	4,40	
	424,97	1,5	-	-	4,00	
	469,94	1,5	-	-	3,62	
	524,65	1	-	-	3,24	
GC65/3R GC35/2R	679,87	1,00	-	-	2,50	27000
	811,05	0,75	-	-	2,10	
	982,36	0,75	-	-	1,73	
	1107,55	0,50	-	-	1,53	
	1216,57	0,50	-	-	1,40	
	1342,96	0,50	-	-	1,27	
	1567,58	0,50	-	-	1,08	
	1857,50	1,00	-	-	0,92	27000
GC65/3R GC35/3R	2166,58	1,00	-	-	0,78	
	2767,38	1,00	-	-	0,61	
	3301,69	0,50	-	-	0,51	
	4000,12	0,50	-	-	0,42	
	4952,53	0,50	-	-	0,34	
	7016,09	0,50	-	-	0,24	
	8666,93	0,50	-	-	0,20	
	10017,68	0,50	-	-	0,17	

Forças Radiais de entrada (Fre) e Força Radiais de Saída (Fra)

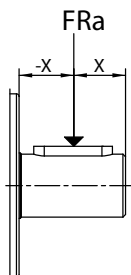
MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe(CV)	Me (Nm)	Fre (N)		
GC 75/2R	8,80	75,00	310,0	6300	193,0	13500
	10,29	75,00	310,0		165,2	
	12,17	75,00	310,0		139,7	
	13,50	75,00	310,0	7000	125,9	20000
	15,77	60,00	248,0		107,8	
	18,65	50,00	206,6		91,1	
	21,06	50,00	206,6		80,7	
	24,00	40,00	165,3		70,8	
	27,54	40,00	165,3		61,7	
GC 75/3R	31,68	30,00	124,0	4250	53,7	27000
	39,03	25,00	103,3		43,6	
	40,76	25,00	103,3		41,7	
	44,18	25,00	103,3	4500	38,5	
	51,84	20,00	82,7		32,8	
	63,87	15,00	62,0		26,6	
	66,71	15,00	62,0	4750	25,5	32500
	79,92	12,50	51,7		21,3	
	92,40	10,00	41,3		18,4	
	108,00	10,00	41,3		15,7	
	120,76	7,50	31,0		14,1	
	136,08	7,50	31,0	5000	12,5	
	154,80	6,00	24,8		11,0	
	178,2	6,00	24,8		9,5	
	192,24	5,00	20,7		8,8	
	226,8	4,00	16,5		7,5	
GC75/3R GA112	234,82	4,00	-	-	7,24	32500
	248,83	4,00			6,83	
	263,50	4,00			6,45	
	318,87	3,00			5,33	
	366,91	3,00			4,63	
	395,59	2,00			4,30	
	466,97	2,00			3,64	
GC75/3R GC35/2R	588,38	2,00	-	-	2,89	32500
	701,91	1,50			2,42	
	850,18	1,00			2,00	
	958,52	1,00			1,77	
	1052,87	1,00			1,61	
	1356,65	0,75			1,25	
GC75/3R GC35/3R	1607,56	1,00	-	-	1,06	32500
	2395,01	1,00			0,71	
	3461,88	0,50			0,49	
	4732,4736	0,50			0,36	
	6721,57	0,50			0,25	
	8669,72	0,50			0,20	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe(CV)	Me (Nm)	Fre (N)		
GC85/2R	5,58	150,00	619,9	10000	193,0	35,000
	6,66	150,00	619,9		165,2	36,000
	7,67	150,00	619,9		139,7	39,000
	8,90	150,00	619,9		125,9	28,000
	9,45	150,00	619,9		107,8	33,000
	11,27	150,00	619,9		91,1	34,000
	12,97	125,00	516,6		80,7	35,000
	15,07	125,00	516,6		70,8	38,000
	20,12	75,00	310,0		61,7	44,000
	27,94	60,00	248,0		53,7	54,500
GC85/3R	33,14	60,00	248,0	6000	43,6	55,000
	39,59	50,00	206,6		41,7	
	43,44	40,00	165,3		38,5	
	47,02	40,00	165,3		32,8	
	56,17	30,00	124,0		26,6	
	61,64	30,00	124,0		25,5	
	71,29	25,00	103,3		21,3	
	83,27	20,00	82,7		18,4	
	98,52	20,00	82,7		15,7	
	111,22	15,00	62,0		14,1	
	126,75	15,00	62,0		12,5	
	145,44	12,50	51,7		11,0	
	164,77	12,50	51,7		9,5	
	188,93	10,00	41,3		8,8	
	203,43	10,00	41,3		7,5	
	220,00	10,00	41,3		7,5	
GC85/3R GA112	229,92	7,50	-	-	7,39	55000
	243,48	7,50			6,98	
	294,64	6,00			5,77	
	339,02	6,00			5,01	
	365,53	5,00			4,65	
GC85/3R GC45/2R	431,48	5,00	-	-	3,94	55000
	470,93	4,00			3,61	
	526,41	4,00			3,23	
	625,65	3,00			2,72	
	750,16	2,00			2,27	
	912,89	2,00			1,86	
	1050,96	2,00			1,62	
	1224,17	1,50			1,39	
GC85/3R GC45/3R	1366,56	1,50	-	-	1,24	55000
	1593,39	1,00			1,07	
	2161,10	2,00			0,79	
	3031,46	2,00			0,56	
	4423,29	1,00			0,38	
	5093,31	1,00			0,33	
	6623,22	1,00			0,26	
	7720,41	1,00			0,22	
	10052,87	1,00			0,17	

Forças Radiais de entrada (Fre) e Força Radiais de Saída (Fra)

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe(CV)	Me (Nm)	Fre (N)		
GC95/2R	4.90	150.00	619.9	-	346.9	53000
	5.73	150.00	619.9	-	296.7	
	6.76	150.00	619.9	-	251.5	
	7.67	150.00	619.9	-	221.6	
	8.97	150.00	619.9	-	189.5	59000
	10.58	150.00	619.9	-	160.7	57000
	12.60	150.00	619.9	-	134.9	60000
	14.49	150.00	619.9	-	117.3	61000
	16.84	150.00	619.9	-	101.0	62000
	18.74	125.00	516.6	-	90.7	63000
	22.31	125.00	516.6	-	76.2	
GC95/3R	25.06	100.00	413.3	-	67.8	63000
	28.33	100.00	413.3	-	60.0	
	32.15	75.00	310.0	-	52.9	
	33.56	75.00	310.0	-	50.7	
	37.94	75.00	310.0	-	44.8	
	43.06	60.00	248.0	-	39.5	
	51.38	60.00	248.0	-	33.1	
	598.13	50.00	206.6	-	2.8	
	68.66	40.00	165.3	-	24.8	
	76.34	40.00	165.3	-	22.3	
	91.72	30.00	124.0	-	18.5	
	102.61	30.00	124.0	-	16.6	
	117.44	25.00	103.3	-	14.5	
	136.23	20.00	82.7	-	12.5	
	153.98	20.00	82.7	-	11.0	
	164.42	15.00	62.0	-	10.3	
	176.17	15.00	62.0	-	9.6	
GC95/3R GA132	200.49	15.00	-	-	8.48	63000
	236.88	12.50	-	-	7.18	
	267.77	12.50	-	-	6.35	
	304.85	10.00	-	-	5.58	
	350.17	7.50	-	-	4.85	
	396.85	7.50	-	-	4.28	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe(CV)	Me (Nm)	Fre (N)		
GC95/2R GC45/2R	451.75	7.50	-	-	3.76	63000
	504.97	6.00	-	-	3.37	
	600.17	5.00	-	-	2.83	
	719.61	4.00	-	-	2.36	
	875.72	3.00	-	-	1.94	
	1008.17	3.00	-	-	1.69	
	1174.32	2.00	-	-	1.45	
	1310.91	2.00	-	-	1.30	
	1528.51	2.00	-	-	1.11	
	1660.37	2.00	-	-	1.02	
	1812.33	1.50	-	-	0.94	
	1989.72	1.50	-	-	0.85	
	2073.10	2.00	-	-	0.82	63000
GC95/3R GC45/3R	2190.18	2.00	-	-	0.78	
	2447.39	2.00	-	-	0.69	
	2908.01	2.00	-	-	0.58	
	3488.67	1.00	-	-	0.49	
	4243.17	1.00	-	-	0.40	
	4885.91	1.00	-	-	0.35	
	5689.49	1.00	-	-	0.30	
	6353.52	1.00	-	-	0.27	
	7406.03	1.00	-	-	0.23	
	8045.82	1.00	-	-	0.21	
	8783.17	1.00	-	-	0.19	
	9643.51	1.00	-	-	0.18	



$$GC 15 > Fx = \frac{FRa \cdot 72}{(72 \pm X)}$$

$$GC 25 > Fx = \frac{FRa \cdot 117}{(117 \pm X)}$$

$$GC 55 > Fx = \frac{FRa \cdot 219}{(219 \pm X)}$$

$$GC55 + GA90 > Fx = \frac{FRa \cdot 219}{(219 \pm X)}$$

$$GC55 + GC25 > Fx = \frac{FRa \cdot 219}{(219 \pm X)}$$

$$GC 65 > Fx = \frac{FRa \cdot 279}{(279 \pm X)}$$

$$GC65 + GA90 > Fx = \frac{FRa \cdot 279}{(279 \pm X)}$$

$$GC65 + GC35 > Fx = \frac{FRa \cdot 279}{(279 \pm X)}$$

$$GC 35 > Fx = \frac{FRa \cdot 136}{(136 \pm X)}$$

$$GC35 + GA56 > Fx = \frac{FRa \cdot 136}{(136 \pm X)}$$

$$GC35 + GC15 > Fx = \frac{FRa \cdot 136}{(136 \pm X)}$$

$$GC 75 > Fx = \frac{FRa \cdot 286}{(286 \pm X)}$$

$$GC75 + GA112 > Fx = \frac{FRa \cdot 286}{(286 \pm X)}$$

$$GC75 + GC35 > Fx = \frac{FRa \cdot 286}{(286 \pm X)}$$

$$GC 45 > Fx = \frac{FRa \cdot 176}{(176 \pm X)}$$

$$GC45 + GA71 > Fx = \frac{FRa \cdot 176}{(176 \pm X)}$$

$$GC45 + GC15 > Fx = \frac{FRa \cdot 176}{(176 \pm X)}$$

$$GC 85 > Fx = \frac{FRa \cdot 343}{(343 \pm X)}$$

$$GC85 + GA112 > Fx = \frac{FRa \cdot 343}{(343 \pm X)}$$

$$GC85 + GC45 > Fx = \frac{FRa \cdot 343}{(343 \pm X)}$$

$$GC 95 > Fx = \frac{FRa \cdot 380}{(380 \pm X)}$$

$$GC95 + GA132 > Fx = \frac{FRa \cdot 380}{(380 \pm X)}$$

$$GC95 + GC45 > Fx = \frac{FRa \cdot 380}{(380 \pm X)}$$

- O valor de X deve ser negativo se a carga aplicada for à esquerda do centro do eixo e positivo quando for à direita, como mostra o desenho.
- O valor de FRa deve ser retirado da tabela de Forças Radiais de Saída.

NOTAS

[illegible]