REDUTOR **GK**

Esta classe de redutores vem para completar a linha da Geremia Redutores. Com caracteristicas dimensionais compactadas, eixos maciços ou vazados e constituido de engrenagens helicoidais e um par cônico helicoidal, proporcionando maior eficiência do engrenamento.

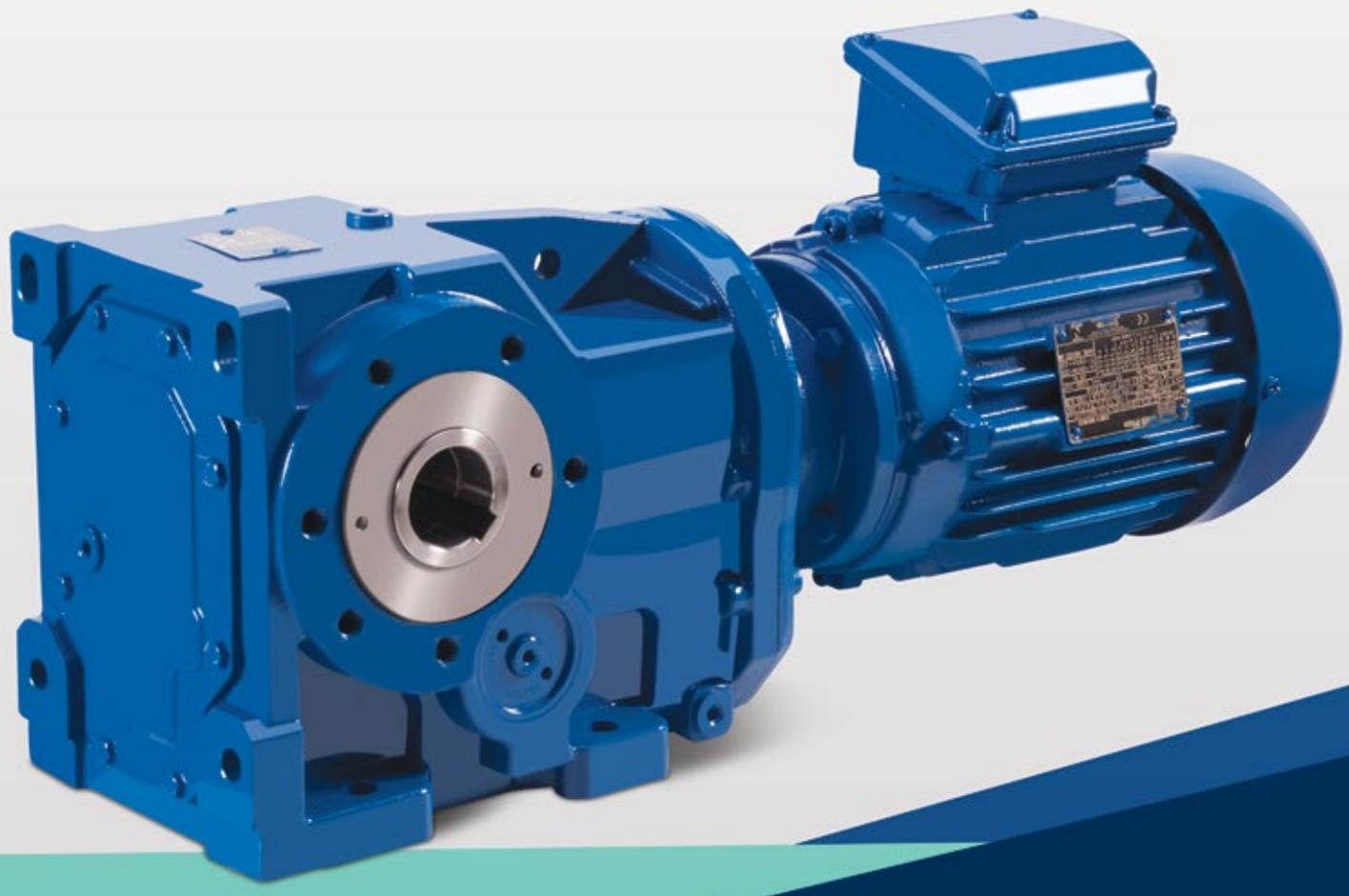


TABELA GERAL - SIMPLES REDUÇÃO DE POTÊNCIA DE ENTRADA E TORQUE DE SAÍDA

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	
GK02 BS	5,87	140	5,00	3,70	114,0	289,8	1,23	4,00	3,00	110,7	238,6	1,26	3,00	2,20	101,1	196,0	1,39	94%
	7,33	155	5,00	3,70	142,4	231,8	1,09	4,00	3,00	138,4	190,9	1,12	3,00	2,20	126,3	156,8	1,23	
	8,56	160	4,00	3,00	133,0	198,7	1,20	3,00	2,20	121,1	163,6	1,32	3,00	2,20	147,4	134,4	1,09	
	9,26	160	4,00	3,00	143,9	183,5	1,11	3,00	2,20	131,1	151,1	1,22	3,00	2,20	159,6	124,1	1,00	
	10,93	160	3,00	2,20	127,4	155,6	1,26	3,00	2,20	154,7	128,1	1,03	2,00	1,50	125,5	105,2	1,27	
	13,04	165	3,00	2,20	151,9	130,4	1,09	2,00	1,50	123,0	107,4	1,34	2,00	1,50	149,7	88,2	1,10	
GK02 BR	15,47	175	2,00	1,50	120,2	109,9	1,46	2,00	1,50	145,9	90,5	1,20	1,50	1,10	133,2	74,4	1,31	94%
	18,04	180	2,00	1,50	140,2	94,2	1,28	2,00	1,50	170,2	77,6	1,06	1,50	1,10	155,4	63,7	1,16	
	19,54	185	2,00	1,50	151,8	87,00	1,22	2,00	1,50	184,3	71,7	1,00	1,50	1,10	168,3	58,9	1,10	
	23,05	195	2,00	1,50	179,1	73,8	1,09	1,50	1,10	163,1	60,7	1,20	1,50	1,10	195,0	49,9	1,00	
	27,50	200	1,50	1,10	160,2	61,8	1,25	1,50	1,10	194,6	50,9	1,03	1,00	0,75	157,9	41,8	1,27	
	33,31	200	1,50	1,10	194,1	51,00	1,03	1,00	0,75	157,2	42,0	1,27	1,00	0,75	191,3	34,5	1,05	
	34,54	200	1,50	1,10	200,0	49,2	1,00	1,00	0,75	162,9	40,5	1,23	1,00	0,75	198,4	33,3	1,01	
	41,85	200	1,00	0,75	162,6	40,6	1,23	1,00	0,75	197,4	33,5	1,01	0,75	0,55	180,3	27,5	1,11	
	47,19	200	1,00	0,75	183,3	36,0	1,09	0,75	0,55	167,0	29,7	1,20	0,75	0,55	200,0	24,4	1,00	
	51,81	200	1,00	0,75	200,0	32,8	1,00	0,75	0,55	183,3	27,0	1,09	0,50	0,37	148,8	22,2	1,34	
	57,21	200	0,75	0,55	166,7	29,7	1,20	0,75	0,55	200,0	24,5	1,00	0,50	0,37	164,3	20,1	1,22	
	66,76	200	0,75	0,55	194,5	25,5	1,03	0,50	0,37	157,5	21,0	1,27	0,50	0,37	191,7	17,2	1,04	
	73,40	200	0,50	0,37	142,6	23,2	1,40	0,50	0,37	173,1	19,1	1,16	0,33	0,25	139,1	15,7	1,44	
	81,25	200	0,50	0,37	157,8	20,9	1,27	0,50	0,37	191,7	17,2	1,04	0,33	0,25	154,0	14,2	1,30	
	90,67	200	0,50	0,37	176,1	18,7	1,14	0,33	0,25	141,2	15,4	1,42	0,33	0,25	171,8	12,7	1,16	
	104,80	200	0,50	0,37	200,0	16,2	1,00	0,33	0,25	163,2	13,4	1,23	0,33	0,25	198,6	11,0	1,01	
	116,58	200	0,50	0,37	200,0	14,6	1,00	0,33	0,25	181,5	12,0	1,10	0,25	0,18	167,4	9,9	1,19	
GK03 BS	7,77	240	7,50	5,50	226,5	218,7	1,05	5,50	4,00	201,7	180,1	1,20	4,00	3,00	178,6	147,9	1,35	94%
	9,07	245	6,00	4,50	211,4	187,4	1,15	5,50	4,00	235,3	154,4	1,05	4,00	3,00	208,3	126,8	1,20	
	11,58	285	6,00	4,50	270,0	146,7	1,05	4,00	3,00	218,6	120,8	1,25	4,00	3,00	266,1	99,3	1,05	
	13,82	285	5,00	3,70	268,5	123,0	1,05	4,00	3,00	260,8	101,3	1,10	3,00	2,20	238,1	83,2	1,20	
	16,74	375	5,00	3,70	325,2	101,5	1,15	4,00	3,00	316,0	83,6	1,15	3,00	2,20	288,5	68,7	1,30	
	18,88	385	5,00	3,70	366,7	90,0	1,05	4,00	3,00	356,3	74,2	1,05	3,00	2,20	325,3	60,9	1,15	
	20,73	390	4,00	3,00	322,1	82,0	1,20	4,00	3,00	390,0	67,5	1,00	3,00	2,20	357,2	55,5	1,10	
	22,89	390	4,00	3,00	355,7	74,3	1,10	3,00	2,20	323,9	61,2	1,25	3,00	2,20	400,0	50,2	1,00	
	26,71	400	3,00	2,20	311,3	63,6	1,30	3,00	2,20	378,0	52,4	1,05	2,00	1,50	306,8	43,1	1,30	
	29,37	400	3,00	2,20	342,3	57,9	1,15	2,00	1,50	277,1	47,7	1,45	2,00	1,50	337,3	39,2	1,20	
GK03 BR	30,94	400	3,00	2,20	360,7	54,9	1,10	2,00	1,50	292,0	45,2	1,35	2,00	1,50	355,4	37,2	1,15	94%
	37,49	400	2,00	1,50	291,3	45,3	1,35	2,00	1,50	353,7	37,3	1,15	1,50	1,10	323,0	30,7	1,25	
	42,27	400	2,00	1,50	328,5	40,2	1,20	2,00	1,50	400,0	33,1	1,00	1,50	1,10	364,2	27,2	1,10	
	46,42	400	2,00	1,50	360,7	36,6	1,10	1,50	1,10	328,5	30,2	1,20	1,50	1,10	400,0	24,8	1,00	
	52,19	400	2,00	1,50	400,0	32,6	1,00	1,50	1,10	369,3	26,8	1,10	1,00	0,75	299,7	22,0	1,35	
	58,85	400	1,50	1,10	342,9	28,9	1,15	1,50	1,10	400,0	23,8	1,00	1,00	0,75	337,9	19,5	1,20	
	64,62	400	1,50	1,10	376,5	26,3	1,05	1,00	0,75	304,8	21,7	1,30	1,00	0,75	371,1	17,8	1,10	
	71,35	400	1,50	1,10	400,0	23,8	1,00	1,00	0,75	336,6	19,6	1,20	1,00	0,75	400,0	16,1	1,00	
	83,25	400	1,00	0,75	323,4	20,4	1,25	1,00	0,75	400,0	16,8	1,00	0,75	0,55	358,6	13,8	1,10	
	91,54	400	1,00	0,75	355,6	18,6	1,10	0,75	0,55	323,9	15,3	1,25	0,75	0,55	400,0	12,6	1,00	
	101,33	400	1,00	0,75	393,7	16,8	1,00	0,75	0,55	358,5	13,8	1,10	0,50	0,37	291,0	11,3	1,40	
	113,08	400	0,75	0,55	329,5	15,0	1,20	0,75	0,55	400,0	12,4	1,00	0,50	0,37	324,7	10,2	1,25	
	130,70	400	0,75	0,55	380,8	13,0	1,05	0,50	0,37	308,3	10,7	1,30	0,50	0,37	375,3	8,8	1,05	
	145,38	400	0,75	0,55	400,0	11,7	1,00	0,50	0,37	342,9	9,6	1,15	0,50	0,37	400,0	7,9	1,00	
GK03/3R GA56	153.80	450	0.75	0.55	438.6	11.05	1.03	0.5	0.37	355.0	9.10	1.27	0.5	0.37	432.2	7.48	1.04	92%
	206.78	450	0.5	0.37	393.1	8.22	1.14	0.33	0.25	318.2	6.77	1.41	0.33	0.25	387.4	5.56	1.16	
	252.02	450	0.33	0.25	319.4	6.75	1.41	0.33	0.25	387.9	5.56	1.16	0.25	0.18	354.1	4.56	1.27	
	290.79	450	0.33	0.25	368.6	5.85	1.22	0.33	0.25	447.5	4.81	1.01	0.25	0.18	408.6	3.95	1.10	
	341.84	450	0.33	0.25	433.3	4.97	1.04	0.25	0.18	394.6	4.10	1.14	0.16	0.12	307.4	3.36	1.46	
	372.86	450	0.25	0.18	354.4	4.56	1.27	0.25	0.18	430.4	3.75	1.05	0.16	0.12	335.3	3.08	1.34	
	409.04	450	0.25	0.18	388.8	4.16	1.16	0.16	0.12	302.2	3.42	1.49	0.16	0.12	367.9	2.81	1.22	
	452.34	450	0.25	0.18	430.0	3.76	1.05	0.16	0.12	334.2	3.10	1.35	0.16	0.12	406.8	2.54	1.11	
GK03/3R GC15/2R	509.85	450	0.16	0.12	303.4	3.33	1.48	0.16	0.12	368.5	2.75	1.22	0.16	0.12	450 *	2.26	1.00	90%
	690.14	450	0.16	0.12	410.7	2.46	1.10	0.16	0.12	450 *	2.03	1.00	0.16	0.12	450 *	1.67	1.00	
	845.88	450	0.16	0.12	450 *	2.01	1.00	0.16	0.12	450 *	1.66	1.00	0.16	0.12	450 *	1.36	1.00	
	909.85	450	0.16	0.12	450 *	1.87	1.00	0.16	0.12	450 *	1.54	1.00	0.16	0.12	450 *	1.26	1.00	
	1064.29	450	0.16	0.12	450 *	1.60	1.00	0.16	0.12	450 *	1.32	1.00	0.16	0.12	450 *	1.08	1.00	
	1265.26	450	0.16	0.12	450 *	1.34	1.00	0.16	0.12	450 *	1.11	1.00	0.16	0.12	450 *	0.91	1.00	
	1391.27	450	0.16	0.12	450 *	1.22	1.00	0.16	0.12	450 *	1.01	1.00	0.16	0.12	450 *	0.83	1.00	
	1718.89	450	0.16	0.12	450 *	0.99	1.00	0.16	0.12	450 *	0.81	1.00	0.16	0.12	450 *	0.67	1.00	

*torque máximo suportado pelo redutor

TABELA GERAL - SIMPLES REDUÇÃO DE POTÊNCIA DE ENTRADA E TORQUE DE SAÍDA

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	
GK03/3R GC15/3R	1890.14	450	0.16	0.12	450 *	0.90	1.00	0.16	0.12	450 *	0.74	1.00	0.16	0.12	450 *	0.61	1.00	88%
	2210.00	450	0.16	0.12	450 *	0.77	1.00	0.16	0.12	450 *	0.63	1.00	0.16	0.12	450 *	0.52	1.00	
	2399.34	450	0.16	0.12	450 *	0.71	1.00	0.16	0.12	450 *	0.58	1.00	0.16	0.12	450 *	0.48	1.00	
	2556.37	450	0.16	0.12	450 *	0.67	1.00	0.16	0.12	450 *	0.55	1.00	0.16	0.12	450 *	0.45	1.00	
	2805.15	450	0.16	0.12	450 *	0.61	1.00	0.16	0.12	450 *	0.50	1.00	0.16	0.12	450 *	0.41	1.00	
	3372.52	450	0.16	0.12	450 *	0.50	1.00	0.16	0.12	450 *	0.42	1.00	0.16	0.12	450 *	0.34	1.00	
	3943.11	450	0.16	0.12	450 *	0.43	1.00	0.16	0.12	450 *	0.36	1.00	0.16	0.12	450 *	0.29	1.00	
	4690.12	450	0.16	0.12	450 *	0.36	1.00	0.16	0.12	450 *	0.30	1.00	0.16	0.12	450 *	0.25	1.00	
	5156.68	450	0.16	0.12	450 *	0.33	1.00	0.16	0.12	450 *	0.27	1.00	0.16	0.12	450 *	0.22	1.00	
	6029.69	450	0.16	0.12	450 *	0.28	1.00	0.16	0.12	450 *	0.23	1.00	0.16	0.12	450 *	0.19	1.00	
	7448.75	450	0.16	0.12	450 *	0.23	1.00	0.16	0.12	450 *	0.19	1.00	0.16	0.12	450 *	0.15	1.00	
GK04 BS	8,00	420	12,50	9,20	388,3	212,6	1,08	10,00	7,50	377,2	175,1	1,11	7,50	5,50	344,4	143,8	1,22	94%
	9,44	420	10,00	7,50	366,7	180,1	1,15	7,50	5,50	334,0	148,3	1,26	7,50	5,50	406,6	121,8	1,03	
	10,86	470	10,00	7,50	421,9	156,5	1,11	7,50	5,50	384,3	128,9	1,22	7,50	5,50	470,0	105,9	1,00	
	12,14	500	10,00	7,50	471,5	140,1	1,06	7,50	5,50	429,4	115,3	1,16	6,00	4,50	418,2	94,7	1,20	
	14,42	530	10,00	7,50	530,0	117,9	1,00	7,50	5,50	510,2	97,1	1,04	6,00	4,50	496,9	79,7	1,07	
	17,30	700	10,00	7,50	672,1	98,3	1,04	7,50	5,50	612,1	80,9	1,14	6,00	4,50	596,1	66,5	1,17	
	21,04	740	7,50	5,50	613,1	80,8	1,21	7,50	5,50	740,0	66,5	1,00	6,00	4,50	725,1	54,7	1,02	
GK04 BS	24,43	790	7,50	5,50	711,9	69,6	1,11	5,50	4,00	634,0	57,3	1,25	5,00	3,70	701,6	47,1	1,13	94%
	27,31	810	7,50	5,50	795,6	62,3	1,02	5,50	4,00	708,5	51,3	1,14	5,00	3,70	784,1	42,1	1,03	
	32,44	820	6,00	4,50	756,3	52,4	1,08	5,50	4,00	820,0	43,2	1,00	4,00	3,00	745,3	35,4	1,10	
	38,92	820	5,00	3,70	756,0	43,7	1,08	4,00	3,00	734,4	36,0	1,12	3,00	2,20	670,6	29,5	1,22	
	47,34	820	4,00	3,00	735,7	35,9	1,11	3,00	2,20	670,0	29,6	1,22	3,00	2,20	815,6	24,3	1,01	
	54,52	820	4,00	3,00	820,0	31,2	1,00	3,00	2,20	771,5	25,7	1,06	2,00	1,50	626,2	21,1	1,31	
GK04 BR	59,03	820	3,00	2,20	688,0	28,8	1,19	2,00	1,50	556,9	23,7	1,47	2,00	1,50	678,0	19,5	1,21	94%
	71,52	820	3,00	2,20	820,0	23,8	1,00	2,00	1,50	674,8	19,6	1,22	1,50	1,10	616,1	16,1	1,33	
	80,64	820	2,00	1,50	626,6	21,1	1,31	2,00	1,50	760,8	17,4	1,08	1,50	1,10	694,7	14,3	1,18	
	88,55	820	2,00	1,50	688,0	19,2	1,19	2,00	1,50	820,0	15,8	1,00	1,50	1,10	762,8	13,0	1,08	
	97,77	820	2,00	1,50	759,7	17,4	1,08	1,50	1,10	691,8	14,3	1,19	1,00	0,75	561,5	11,8	1,46	
	114,09	820	1,50	1,10	664,8	14,9	1,23	1,50	1,10	807,3	12,3	1,02	1,00	0,75	655,2	10,1	1,25	
	125,44	820	1,50	1,10	731,0	13,6	1,12	1,00	0,75	591,8	11,2	1,39	1,00	0,75	720,4	9,2	1,14	
	138,86	820	1,50	1,10	809,2	12,2	1,01	1,00	0,75	655,0	10,1	1,25	1,00	0,75	797,5	8,3	1,03	
	154,96	820	1,00	0,75	602,0	11,0	1,36	1,00	0,75	731,0	9,0	1,12	0,75	0,55	667,4	7,4	1,23	
	179,11	820	1,00	0,75	695,8	9,5	1,18	0,75	0,55	633,7	7,8	1,29	0,75	0,55	771,4	6,4	1,06	
	199,23	820	1,00	0,75	774,0	8,5	1,06	0,75	0,55	704,9	7,0	1,16	0,50	0,37	572,1	5,8	1,43	
GK04/3R GA71	202.27	820	1	0.75	769.1	8.40	1.07	0.75	0.55	700.4	6.92	1.17	0.5	0.37	568.5	5.69	1.44	92%
	236.07	820	0.75	0.55	673.2	7.20	1.22	0.75	0.55	820 *	5.93	1.00	0.5	0.37	663.4	4.87	1.24	
	280.78	820	0.75	0.55	800.7	6.05	1.02	0.5	0.37	648.2	4.99	1.27	0.5	0.37	789.1	4.10	1.04	
	309.13	820	0.5	0.37	587.7	5.50	1.40	0.5	0.37	713.6	4.53	1.15	0.33	0.25	573.4	3.72	1.43	
	381.64	820	0.5	0.37	725.5	4.45	1.13	0.33	0.25	581.5	3.67	1.41	0.33	0.25	707.9	3.01	1.16	
	490.68	820	0.5	0.37	820 *	3.46	1.00	0.33	0.25	747.6	2.85	1.10	0.25	0.18	689.5	2.34	1.19	
GK04/3R GC15/2R	582.27	820	0.33	0.25	721.9	2.92	1.14	0.25	0.18	657.5	2.40	1.25	0.25	0.18	800.4	1.98	1.02	90%
	713.67	820	0.25	0.18	663.6	2.38	1.24	0.25	0.18	805.8	1.96	1.02	0.16	0.12	627.9	1.61	1.31	
	767.64	820	0.25	0.18	713.8	2.21	1.15	0.16	0.12	554.7	1.82	1.48	0.16	0.12	675.3	1.50	1.21	
	897.94	820	0.16	0.12	534.4	1.89	1.53	0.16	0.12	648.9	1.56	1.26	0.16	0.12	820 *	1.28	1.00	
	1067.50	820	0.16	0.12	635.3	1.59	1.29	0.16	0.12	771.4	1.31	1.06	0.16	0.12	820 *	1.08	1.00	
	1173.82	820	0.16	0.12	698.6	1.45	1.17	0.16	0.12	820 *	1.19	1.00	0.16	0.12	820 *	0.98	1.00	
	1450.23	820	0.16	0.12	820 *	1.17	1.00	0.16	0.12	820 *	0.97	1.00	0.16	0.12	820 *	0.79	1.00	
GK04/3R GC15/3R	1594.71	820	0.16	0.12	820 *	1.07	1.00	0.16	0.12	820 *	0.88	1.00	0.16	0.12	820 *	0.72	1.00	88%
	1864.58	820	0.16	0.12	820 *	0.91	1.00	0.16	0.12	820 *	0.75	1.00	0.16	0.12	820 *	0.62	1.00	
	2024.33	820	0.16	0.12	820 *	0.84	1.00	0.16	0.12	820 *	0.69	1.00	0.16	0.12	820 *	0.57	1.00	
	2366.71	820	0.16	0.12	820 *	0.72	1.00	0.16	0.12	820 *	0.59	1.00	0.16	0.12	820 *	0.49	1.00	
	2845.40	820	0.16	0.12	820 *	0.60	1.00	0.16	0.12	820 *	0.49	1.00	0.16	0.12	820 *	0.40	1.00	
	3326.81	820	0.16	0.12	820 *	0.51	1.00	0.16	0.12	820 *	0.42	1.00	0.16	0.12	820 *	0.35	1.00	
	3957.06	820	0.16	0.12	820 *	0.43	1.00	0.16	0.12	820 *	0.35	1.00	0.16	0.12	820 *	0.29	1.00	
	4627.11	820	0.16	0.12	820 *	0.37	1.00	0.16	0.12	820 *	0.30	1.00	0.16	0.12	820 *	0.25	1.00	
	5374.58	820	0.16	0.12	820 *	0.32	1.00	0.16	0.12	820 *	0.26	1.00	0.16	0.12	820 *	0.21	1.00	
	6284.52	820	0.16	0.12	820 *	0.27	1.00	0.16	0.12	820 *	0.22	1.00	0.16	0.12	820 *	0.18	1.00	

*torque máximo suportado pelo redutor

TABELA GERAL - SIMPLES REDUÇÃO DE POTÊNCIA DE ENTRADA E TORQUE DE SAÍDA

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	
GK05 BS	7,77	820	25,00	18,50	754,2	218,9	1,09	20,00	15,00	732,7	180,3	1,12	15,00	11,00	668,9	148,1	1,23	94%
	8,71	850	25,00	18,50	845,7	195,2	1,01	20,00	15,00	821,5	160,8	1,03	15,00	11,00	750,1	132,1	1,13	
	9,79	890	20,00	15,00	761,0	173,6	1,17	15,00	11,00	693,0	142,9	1,28	15,00	11,00	843,7	117,4	1,05	
	11,03	990	20,00	15,00	857,2	154,1	1,15	15,00	11,00	780,7	126,9	1,27	15,00	11,00	950,4	104,2	1,04	
	12,37	990	20,00	15,00	961,2	137,4	1,03	15,00	11,00	875,4	113,2	1,13	12,50	9,20	888,1	93,0	1,11	
	13,91	1100	20,00	15,00	1081,1	122,2	1,02	15,00	11,00	984,6	100,6	1,11	12,50	9,20	998,9	82,6	1,09	
	15,72	1400	20,00	15,00	1221,1	108,2	1,15	15,00	11,00	1112,0	89,1	1,26	12,50	9,20	1128,2	73,2	1,24	
	17,84	1450	20,00	15,00	1386,4	95,3	1,05	15,00	11,00	1262,7	78,5	1,15	12,50	9,20	1281,0	64,4	1,13	
	19,06	1550	20,00	15,00	1480,9	89,2	1,05	15,00	11,00	1348,7	73,5	1,15	12,50	9,20	1368,3	60,3	1,13	
	22,04	1550	15,00	11,00	1284,5	77,1	1,21	12,50	9,20	1299,8	63,5	1,19	10,00	7,50	1265,9	52,2	1,22	
	25,02	1550	15,00	11,00	1457,8	68,0	1,06	12,50	9,20	1475,2	56,0	1,05	10,00	7,50	1436,7	46,0	1,08	
	27,99	1550	12,50	9,20	1359,3	60,7	1,14	10,00	7,50	1320,4	50,0	1,17	7,50	5,50	1205,6	41,1	1,29	
GK05 BR	29,92	1550	12,50	9,20	1453,1	56,8	1,07	10,00	7,50	1411,6	46,8	1,10	7,50	5,50	1288,9	38,4	1,20	94%
	31,61	1550	12,50	9,20	1534,9	53,8	1,01	10,00	7,50	1491,0	44,3	1,04	7,50	5,50	1361,4	36,4	1,14	
	35,32	1550	10,00	7,50	1372,3	48,1	1,13	7,50	5,50	1249,7	39,6	1,24	7,50	5,50	1521,4	32,6	1,02	
	41,97	1550	7,50	5,50	1222,8	40,5	1,27	7,50	5,50	1484,8	33,4	1,04	6,00	4,50	1446,1	27,4	1,07	
	50,35	1550	7,50	5,50	1466,9	33,8	1,06	5,50	4,00	1306,3	27,8	1,19	5,00	3,70	1445,7	22,8	1,07	
	61,24	1550	6,00	4,50	1427,4	27,8	1,09	4,00	3,00	1155,5	22,9	1,34	4,00	3,00	1406,8	18,8	1,10	
	70,52	1550	5,00	3,70	1369,8	24,1	1,13	4,00	3,00	1330,6	19,9	1,16	3,00	2,20	1214,9	16,3	1,28	
	82,12	1550	4,00	3,00	1276,0	20,7	1,21	4,00	3,00	1549,5	17,0	1,00	3,00	2,20	1414,7	14,0	1,10	
	91,69	1550	4,00	3,00	1424,9	18,5	1,09	3,00	2,20	1297,7	15,3	1,19	2,00	1,50	1053,2	12,5	1,47	
	106,89	1550	3,00	2,20	1245,8	15,9	1,24	3,00	2,20	1512,7	13,1	1,02	2,00	1,50	1227,7	10,8	1,26	
	116,11	1550	3,00	2,20	1353,3	14,6	1,15	2,00	1,50	1095,5	12,1	1,41	2,00	1,50	1333,7	9,9	1,16	
	126,76	1550	3,00	2,20	1477,3	13,4	1,05	2,00	1,50	1195,9	11,0	1,30	2,00	1,50	1455,9	9,1	1,06	
	139,18	1550	2,00	1,50	1081,4	12,2	1,43	2,00	1,50	1313,1	10,1	1,18	1,50	1,10	1198,9	8,3	1,29	
	147,93	1550	2,00	1,50	1149,4	11,5	1,35	2,00	1,50	1395,7	9,5	1,11	1,50	1,1	1274,3	7,8	1,22	
	176,29	1550	2,00	1,50	1369,8	9,6	1,13	1,50	1,1	1247,5	7,9	1,24	1,50	1,1	1518,7	6,5	1,02	
	194,34	1550	2,00	1,50	1510,0	8,7	1,03	1,50	1,1	1375,2	7,2	1,13	1,00	0,75	1116,1	5,9	1,39	
GK05/3R GA90	242.59	1550	1.50	1.10	1384.0	7.01	1.12	1.50	1.1	1680.1	5.77	0.92	1.00	0.75	1363.5	4.74	1.14	92%
	305.35	1550	1.00	0.75	1161.0	5.57	1.34	1.00	0.75	1409.8	4.58	1.10	0.75	0.55	1287.2	3.77	1.20	
	363.18	1550	1.00	0.75	1380.9	4.68	1.12	0.75	0.55	1257.6	3.85	1.23	0.75	0.55	1531.0	3.17	1.01	
	399.85	1550	1.00	0.75	1520.3	4.25	1.02	0.75	0.55	1384.6	3.50	1.12	0.50	0.37	1123.7	2.88	1.38	
	442.16	1550	1.00	0.75	1550 *	3.84	1.00	0.75	0.55	1531.1	3.17	1.01	0.50	0.37	1242.6	2.60	1.25	
	493.64	1550	1.00	0.75	1550 *	3.44	1.00	0.75	0.55	1550 *	2.84	1.00	0.50	0.37	1387.3	2.33	1.12	
GK05/3R GC25/2R	519.11	1600	0.75	0.55	1448.2	3.27	1.10	0.50	0.37	1172.3	2.70	1.36	0.50	0.37	1427.2	2.22	1.12	90%
	628.87	1600	0.50	0.37	1169.6	2.70	1.37	0.50	0.37	1420.2	2.23	1.13	0.33	0.25	1141.1	1.83	1.40	
	778.91	1600	0.50	0.37	1448.6	2.18	1.10	0.33	0.25	1161.0	1.80	1.38	0.33	0.25	1413.4	1.48	1.13	
	859.98	1600	0.50	0.37	1599.4	1.98	1.00	0.33	0.25	1294.7	1.63	1.24	0.25	0.18	1182.2	1.34	1.35	
	1003.48	1600	0.33	0.25	1244.2	1.69	1.29	0.33	0.25	1495.7	1.40	1.07	0.25	0.18	1379.4	1.15	1.16	
	1103.17	1600	0.33	0.25	1367.8	1.54	1.17	0.25	0.18	1245.7	1.27	1.28	0.25	0.18	1516.5	1.04	1.06	
	1220.99	1600	0.33	0.25	1498.7	1.39	1.07	0.25	0.18	1378.7	1.15	1.16	0.16	0.12	1141.3	0.94	1.40	
	1362.97	1600	0.25	0.18	1267.4	1.25	1.26	0.25	0.18	1539.0	1.03	1.04	0.16	0.12	1249.1	0.84	1.28	
GK05/3R GC25/3R	1573.94	1600	0.50	0.37	1600 *	1.08	1.00	0.75	0.55	1600 *	0.89	1.00	0.25	0.18	1600 *	0.73	1.00	88%
	1856.91	1600	0.50	0.37	1600 *	0.92	1.00	0.75	0.55	1600 *	0.75	1.00	0.25	0.18	1600 *	0.62	1.00	
	2214.90	1600	0.50	0.37	1600 *	0.77	1.00	0.75	0.55	1600 *	0.63	1.00	0.25	0.18	1600 *	0.52	1.00	
	2683.66	1600	0.16	0.12	1600 *	0.63	1.00	0.33	0.25	1600 *	0.52	1.00	0.16	0.12	1600 *	0.43	1.00	
	3026.04	1600	0.16	0.12	1600 *	0.56	1.00	0.33	0.25	1600 *	0.46	1.00	0.16	0.12	1600 *	0.38	1.00	
	3322.60	1600	0.16	0.12	1600 *	0.51	1.00	0.33	0.25	1600 *	0.42	1.00	0.16	0.12	1600 *	0.35	1.00	
	3669.00	1600	0.16	0.12	1600 *	0.46	1.00	0.33	0.25	1600 *	0.38	1.00	0.16	0.12	1600 *	0.31	1.00	
	4281.26	1600	0.16	0.12	1600 *	0.40	1.00	0.33	0.25	1600 *	0.33	1.00	0.16	0.12	1600 *	0.27	1.00	
	4707.22	1600	0.16	0.12	1600 *	0.36	1.00	0.33	0.25	1600 *	0.30	1.00	0.16	0.12	1600 *	0.24	1.00	
	5210.72	1600	0.16	0.12	1600 *	0.33	1.00	0.33	0.25	1600 *	0.27	1.00	0.16	0.12	1600 *	0.22	1.00	
	5814.42	1600	0.16	0.12	1600 *	0.29	1.00	0.33	0.25	1600 *	0.24	1.00	0.16	0.12	1600 *	0.20	1.00	
	6720.72	1600	0.16	0.12	1600 *	0.25	1.00	0.33	0.25	1600 *	0.21	1.00	0.16	0.12	1600 *	0.17	1.00	
	7475.97	1600	0.16	0.12	1600 *	0.23	1.00	0.33	0.25	1600 *	0.19	1.00	0.16	0.12	1600 *	0.15	1.00	

*torque máximo suportado pelo redutor

TABELA GERAL - SIMPLES REDUÇÃO DE POTÊNCIA DE ENTRADA E TORQUE DE SAÍDA

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	
GK06 BS	6,62	1200	30,00	22,00	772,0	256,6	1,55	30,00	22,00	937,4	211,4	1,28	25,00	18,50	951,0	173,6	1,26	94%
	7,77	1300	30,00	22,00	905,8	218,7	1,44	30,00	22,00	1099,9	180,1	1,18	25,00	18,50	1115,9	148,0	1,17	
	9,58	1300	30,00	22,00	1116,1	177,5	1,16	25,00	18,50	1129,4	146,2	1,15	20,00	15,00	1099,9	120,1	1,18	
	10,31	1400	30,00	22,00	1201,6	164,9	1,17	25,00	18,50	1215,9	135,8	1,15	20,00	15,00	1184,2	111,5	1,18	
	12,10	1700	30,00	22,00	1409,9	140,5	1,21	25,00	18,50	1426,7	115,7	1,19	20,00	15,00	1389,5	95,1	1,22	
	14,91	1900	30,00	22,00	1737,2	114,1	1,09	25,00	18,50	1757,9	93,9	1,08	20,00	15,00	1712,0	77,2	1,11	
	15,57	2000	30,00	22,00	1814,2	109,2	1,10	25,00	18,50	1835,8	89,9	1,09	20,00	15,00	1787,9	73,9	1,12	
	18,65	2100	25,00	18,50	1811,3	91,2	1,16	20,00	15,00	1759,6	75,1	1,19	15,00	11,00	1606,6	61,7	1,31	
	21,56	2300	25,00	18,50	2094,2	78,8	1,10	20,00	15,00	2034,3	64,9	1,13	15,00	11,00	1857,4	53,3	1,24	
	25,20	2400	20,00	15,00	1958,2	67,5	1,23	20,00	15,00	2377,8	55,6	1,01	15,00	11,00	2171,0	45,6	1,11	
	28,18	2500	20,00	15,00	2189,6	60,3	1,14	15,00	11,00	1994,1	49,7	1,25	15,00	11,00	2427,6	40,8	1,03	
GK06 BR	32,39	2700	20,00	15,00	2516,8	52,5	1,07	15,00	11,00	2292,1	43,2	1,18	12,50	9,20	2325,3	35,5	1,16	94%
	38,01	2700	15,00	11,00	2214,8	44,7	1,22	15,00	11,00	2700,0	36,8	1,00	12,50	9,20	2700,0	30,3	1,00	
	46,83	2700	15,00	11,00	2700,0	36,3	1,00	12,50	9,20	2700,0	29,9	1,00	10,00	7,50	2689,4	24,6	1,00	
	48,91	2700	12,50	9,20	2374,9	34,8	1,14	10,00	7,50	2307,1	28,6	1,17	10,00	7,50	2700,0	23,5	1,00	
	58,59	2700	10,00	7,50	2276,3	29,0	1,19	10,00	7,50	2700,0	23,9	1,00	7,50	5,50	2523,7	19,6	1,07	
	67,74	2700	10,00	7,50	2631,8	25,1	1,03	7,50	5,50	2396,8	20,7	1,13	6,00	4,50	2334,3	17,0	1,16	
	79,18	2700	7,50	5,50	2307,1	21,5	1,17	5,50	4,00	2054,4	17,7	1,31	6,00	4,50	2700,0	14,5	1,00	
	88,54	2700	7,50	5,50	2579,7	19,2	1,05	5,50	4,00	2297,2	15,8	1,18	5,00	3,70	2542,3	13,0	1,06	
	99,77	2700	6,00	4,50	2325,5	17,0	1,16	5,50	4,00	2588,5	14,0	1,04	4,00	3,00	2291,8	11,5	1,18	
	113,49	2700	6,00	4,50	2645,4	15,0	1,02	4,00	3,00	2141,5	12,3	1,26	4,00	3,00	2607,1	10,1	1,04	
	130,65	2700	5,00	3,70	2537,8	13,0	1,06	4,00	3,00	2465,3	10,7	1,10	3,00	2,20	2250,9	8,8	1,20	
	140,94	2700	5,00	3,70	2700,0	12,1	1,00	4,00	3,00	2659,5	9,9	1,02	3,00	2,20	2428,2	8,2	1,11	
	166,28	2700	4,00	3,00	2583,9	10,2	1,04	3,00	2,20	2353,2	8,4	1,15	2,00	1,50	1909,8	6,9	1,41	
	181,55	2700	3,00	2,20	2115,9	9,4	1,28	3,00	2,20	2569,3	7,7	1,05	2,00	1,50	2085,2	6,3	1,29	
	197,34	2700	3,00	2,20	2300,0	8,6	1,17	2,00	1,50	1861,9	7,1	1,45	2,00	1,50	2266,6	5,8	1,19	
GK06 BR GA90	209.04	3000	3.00	2.20	2384.4	8.13	1.26	3.00	2.20	2895.4	6.70	1.04	2.00	1.50	2349.9	5.50	1.28	92%
	222.50	3000	3.00	2.20	2538.0	7.64	1.18	2.00	1.50	2054.5	6.29	1.46	2.00	1.50	2501.2	5.17	1.20	
	272.38	3000	2.00	1.50	2071.3	6.24	1.45	2.00	1.50	2515.2	5.14	1.19	1.50	1.10	2296.5	4.22	1.31	
	342.85	3000	2.00	1.50	2607.2	4.96	1.15	1.50	1.10	2374.4	4.08	1.26	1.50	1.10	2890.6	3.35	1.04	
	407.78	3000	1.50	1.10	2325.7	4.17	1.29	1.50	1.10	2824.1	3.43	1.06	1.00	0.75	2292.0	2.82	1.31	
	448.95	3000	1.50	1.10	2560.5	3.79	1.17	1.00	0.75	2072.8	3.12	1.45	1.00	0.75	2523.4	2.56	1.19	
	496.46	3000	1.50	1.10	2831.5	3.42	1.06	1.00	0.75	2292.2	2.82	1.31	1.00	0.75	2790.5	2.32	1.08	
	554.26	3000	1.00	0.75	2107.4	3.07	1.42	1.00	0.75	2559.0	2.53	1.17	0.75	0.55	2336.5	2.07	1.28	
GK06 BR GC35/2R	665.00	3100	1.00	0.75	2473.5	2.56	1.25	1.00	0.75	3003.6	2.11	1.03	0.75	0.55	2742.4	1.73	1.13	90%
	793.31	3100	1.00	0.75	2950.8	2.14	1.05	0.75	0.55	2687.3	1.76	1.15	0.50	0.37	2181.0	1.45	1.42	
	960.88	3100	0.75	0.55	2680.6	1.77	1.16	0.50	0.37	2170.0	1.46	1.43	0.50	0.37	2641.7	1.20	1.17	
	1083.33	3100	0.75	0.55	3022.2	1.57	1.03	0.50	0.37	2446.5	1.29	1.27	0.50	0.37	2978.4	1.06	1.04	
	1189.96	3100	0.50	0.37	2213.1	1.43	1.40	0.50	0.37	2687.3	1.18	1.15	0.33	0.25	2181.0	0.97	1.42	
	1313.59	3100	0.50	0.37	2443.0	1.29	1.27	0.50	0.37	2966.5	1.07	1.04	0.33	0.25	2407.6	0.88	1.29	
	1533.30	3100	0.50	0.37	2851.6	1.11	1.09	0.33	0.25	2308.5	0.91	1.34	0.33	0.25	2810.3	0.75	1.10	
	1685.63	3100	0.50	0.37	3100 *	1.01	1.00	0.33	0.25	2537.8	0.83	1.22	0.33	0.25	3089.5	0.68	1.00	
GK06 BR GC35/3R	2119.20	3100	1.00	0.75	3100 *	0.80	1.00	0.75	0.55	3100 *	0.66	1.00	0.50	0.37	3100 *	0.54	1.00	88%
	2706.86	3100	1.00	0.75	3100 *	0.63	1.00	0.75	0.55	3100 *	0.52	1.00	0.50	0.37	3100 *	0.42	1.00	
	3229.48	3100	0.50	0.37	3100 *	0.53	1.00	0.33	0.25	3100 *	0.43	1.00	0.25	0.18	3100 *	0.36	1.00	
	3912.64	3100	0.50	0.37	3100 *	0.43	1.00	0.33	0.25	3100 *	0.36	1.00	0.25	0.18	3100 *	0.29	1.00	
	4844.22	3100	0.50	0.37	3100 *	0.35	1.00	0.33	0.25	3100 *	0.29	1.00	0.25	0.18	3100 *	0.24	1.00	
	6862.65	3100	0.50	0.37	3100 *	0.25	1.00	0.33	0.25	3100 *	0.20	1.00	0.25	0.18	3100 *	0.17	1.00	
	8477.39	3100	0.50	0.37	3100 *	0.20	1.00	0.33	0.25	3100 *	0.17	1.00	0.25	0.18	3100 *	0.14	1.00	
	10899.50	3100	0.50	0.37	3100 *	0.16	1.00	0.33	0.25	3100 *	0.13	1.00	0.25	0.18	3100 *	0.11	1.00	

*torque máximo suportado pelo redutor

TABELA GERAL - SIMPLES REDUÇÃO DE POTÊNCIA DE ENTRADA E TORQUE DE SAÍDA

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	
GK07 BS	8,42	2500	75,00	55,00	2454,4	201,8	1,02	60,00	45,00	2384,3	166,2	1,05	50,00	37,00	2418,9	136,5	1,03	94%
	10,06	2500	60,00	45,00	2345,9	168,9	1,07	50,00	37,00	2373,8	139,1	1,05	40,00	30,00	2311,9	114,3	1,08	
	11,04	2500	50,00	37,00	2145,1	153,9	1,17	40,00	30,00	2083,8	126,8	1,20	40,00	30,00	2500,0	104,1	1,00	
	12,77	2500	50,00	37,00	2481,3	133,1	1,01	40,00	30,00	2410,4	109,6	1,04	30,00	22,00	2200,8	90,0	1,14	
	14,92	2660	40,00	30,00	2318,5	113,9	1,15	40,00	30,00	2660,0	93,8	1,00	30,00	22,00	2570,5	77,1	1,03	
	15,42	2870	40,00	30,00	2396,6	110,2	1,20	40,00	30,00	2870,0	90,8	1,00	30,00	22,00	2657,1	74,6	1,08	
	16,92	3890	50,00	37,00	3287,2	100,5	1,18	40,00	30,00	3193,3	82,7	1,22	40,00	30,00	3887,5	68,0	1,00	
	19,58	4300	50,00	37,00	3802,4	86,8	1,13	40,00	30,00	3693,7	71,5	1,16	30,00	22,00	3372,5	58,7	1,28	
	22,86	4300	40,00	30,00	3552,9	74,4	1,21	40,00	30,00	4300,0	61,2	1,00	30,00	22,00	3939,1	50,3	1,09	
GK07 BR	27,51	4300	30,00	22,00	3205,7	61,8	1,34	30,00	22,00	3892,6	50,9	1,10	25,00	18,50	3949,1	41,8	1,09	94%
	30,93	4300	30,00	22,00	3604,5	55,0	1,19	25,00	18,50	3647,4	45,3	1,18	25,00	18,50	4300,0	37,2	1,00	
	36,29	4300	30,00	22,00	4229,3	46,8	1,02	25,00	18,50	4279,6	38,6	1,00	25,00	18,50	4300,0	31,7	1,00	
	44,71	4300	25,00	18,50	4342,6	38,0	1,00	20,00	15,00	4218,5	31,3	1,02	15,00	11,00	3851,7	25,7	1,12	
	46,69	4300	20,00	15,00	3628,1	36,4	1,19	20,00	15,00	4300,0	30,0	1,00	15,00	11,00	4022,4	24,6	1,07	
	55,94	4300	15,00	11,00	3260,1	30,4	1,32	10,00	7,50	2639,1	25,0	1,63	10,00	7,50	3212,8	20,6	1,34	
	64,68	4300	15,00	11,00	3769,2	26,3	1,14	10,00	7,50	3051,2	21,6	1,41	10,00	7,50	3714,5	17,8	1,16	
	75,60	4300	12,50	9,20	3671,3	22,5	1,17	10,00	7,50	3566,4	18,5	1,21	10,00	7,50	4300,0	15,2	1,00	
	84,53	4300	12,50	9,20	4105,1	20,1	1,05	10,00	7,50	3987,8	16,6	1,08	7,50	5,50	3641,1	13,6	1,18	
	95,26	4300	10,00	7,50	3700,6	17,8	1,16	7,50	5,50	3370,2	14,7	1,28	7,50	5,50	4102,9	12,1	1,05	
	108,36	4300	10,00	7,50	4209,7	15,7	1,02	7,50	5,50	3833,8	12,9	1,12	6,00	4,50	3733,8	10,6	1,15	
	124,74	4300	7,50	5,50	3634,5	13,6	1,18	7,50	5,50	4300,0	11,2	1,00	6,00	4,50	4298,2	9,2	1,00	
	134,57	4300	7,50	5,50	3920,9	12,6	1,10	5,50	4,00	3491,5	10,4	1,23	5,00	3,70	3864,1	8,5	1,11	
	158,76	4300	6,00	4,50	3700,6	10,7	1,16	5,50	4,00	4119,1	8,8	1,04	4,00	3,00	3647,0	7,2	1,18	
	173,34	4300	6,00	4,50	4040,5	9,8	1,06	5,50	4,00	4300,0	8,1	1,00	4,00	3,00	3981,9	6,6	1,08	
	188,42	4300	6,00	4,50	4391,9	9,0	1,00	5,50	4,00	4300,0	7,4	1,00	4,00	3,00	4300,0	6,1	1,00	
GK07 BR GA112	195.80	4400	5.00	3.70	3722	8.68	1.18	4.00	3.00	3616	7.15	1.22	4.00	3.00	4402	5.87	1.00	92%
	266.11	4400	4.00	3.00	4047	6.39	1.09	3.00	2.20	3686	5.26	1.19	2.00	1.50	2991	4.32	1.47	
	281.99	4400	4.00	3.00	4289	6.03	1.03	3.00	2.20	3906	4.96	1.13	2.00	1.50	3170	4.08	1.39	
	298.62	4400	3.00	2.20	3406	5.69	1.29	3.00	2.20	4136	4.69	1.06	2.00	1.50	3357	3.85	1.31	
	361.37	4400	3.00	2.20	4122	4.70	1.07	2.00	1.50	3337	3.87	1.32	2.00	1.50	4062	3.18	1.08	
	415.80	4400	2.00	1.50	3162	4.09	1.39	2.00	1.50	3840	3.37	1.15	1.50	1.10	3506	2.77	1.26	
	448.31	4400	2.00	1.50	3409	3.79	1.29	2.00	1.50	4140	3.12	1.06	1.50	1.10	3780	2.57	1.16	
	529.20	4400	2.00	1.50	4024	3.21	1.09	1.50	1.10	3665	2.65	1.20	1.00	0.75	2974	2.17	1.48	
GK07 BR GC35/2R	634.92	4500	1.50	1.10	3542	2.68	1.27	1.50	1.10	4302	2.21	1.05	1.00	0.75	3491	1.81	1.29	90%
	757.43	4500	1.50	1.10	4226	2.24	1.06	1.00	0.75	3421	1.85	1.32	1.00	0.75	4165	1.52	1.08	
	917.42	4500	1.00	0.75	3412	1.85	1.32	1.00	0.75	4144	1.53	1.09	0.75	0.55	3783	1.25	1.19	
	1136.14	4500	1.00	0.75	4226	1.50	1.06	0.75	0.55	3849	1.23	1.17	0.50	0.37	3124	1.01	1.44	
	1254.17	4500	0.75	0.55	3499	1.36	1.29	0.75	0.55	4249	1.12	1.06	0.50	0.37	3448	0.92	1.31	
	1609.39	4500	0.75	0.55	4500 *	1.06	1.00	0.50	0.37	3635	0.87	1.24	0.50	0.37	4425	0.71	1.02	
GK07 BR GC35/3R	2023.35	4500	1.00	0.75	4500 *	0.84	1.00	0.75	0.55	4500 *	0.69	1.00	0.50	0.37	4500 *	0.57	1.00	88%
	2584.43	4500	1.00	0.75	4500 *	0.66	1.00	0.75	0.55	4500 *	0.54	1.00	0.50	0.37	4500 *	0.44	1.00	
	3083.41	4500	0.50	0.37	4500 *	0.55	1.00	0.33	0.25	4500 *	0.45	1.00	0.25	0.18	4500 *	0.37	1.09	
	3735.67	4500	0.50	0.37	4500 *	0.46	1.00	0.33	0.25	4500 *	0.37	1.00	0.25	0.18	4500 *	0.31	1.00	
	4212.28	4500	0.50	0.37	4500 *	0.40	1.00	0.33	0.25	4500 *	0.33	1.00	0.25	0.18	4500 *	0.27	1.00	
	5106.76	4500	0.50	0.37	4500 *	0.33	1.00	0.33	0.25	4500 *	0.27	1.00	0.25	0.18	4500 *	0.23	1.00	
	6552.25	4500	0.50	0.37	4500 *	0.26	1.00	0.33	0.25	4500 *	0.21	1.00	0.25	0.18	4500 *	0.18	1.00	
	8093.96	4500	0.50	0.37	4500 *	0.21	1.00	0.33	0.25	4500 *	0.17	1.00	0.25	0.18	4500 *	0.14	1.00	
	10406.52	4500	0.50	0.37	4500 *	0.16	1.00	0.33	0.25	4500 *	0.13	1.00	0.25	0.18	4500 *	0.11	1.00	
GK08 BS	8,44	4100	125,00	90,00	4100,6	201,3	1,00	60,00	45,00	2390,1	165,8	1,72	50,00	37,00	2424,7	136,2	1,69	94%
	10,09	4200	100,00	75,00	3919,3	168,5	1,07	60,00	45,00	2855,5	138,8	1,47	50,00	37,00	2896,9	114,0	1,45	
	11,07	4300	100,00	75,00	4300,6	153,6	1,00	60,00	45,00	3133,3	126,5	1,37	50,00	37,00	3178,7	103,9	1,35	
	12,80	4300	75,00	55,00	3730,9	132,8	1,15	60,00	45,00	3624,3	109,3	1,19	50,00	37,00	3676,8	89,8	1,17	
	14,29	6900	100,00	75,00	5551,6	119,0	1,24	60,00	45,00	4044,8	98,0	1,71	50,00	37,00	4103,4	80,5	1,68	
	17,07	7100	100,00	75,00	6632,7	99,6	1,07	60,00	45,00	4832,4	82,0	1,47	50,00	37,00	4902,5	67,4	1,45	
	18,73	7200	75,00	55,00	5458,4	90,7	1,32	60,00	45,00	5302,5	74,7	1,36	50,00	37,00	5379,3	61,4	1,34	
	21,67	7200	75,00	55,00	6313,8	78,5	1,14	60,00	45,00	6133,5	64,6	1,17	50,00	37,00	6222,3	53,1	1,16	
	25,31	7250	60,00	45,00	5899,7	67,2	1,23	60,00	45,00	7163,9	55,3	1,01	50,00	37,00	7267,7	45,4	1,00	
GK08 BR	28,06	7200	60,00	45,00	6541,4	60,6	1,10	50,00	37,00	6619,3	49,9	1,09	40,00	30,00	6446,6	41,0	1,12	94%
	33,28	7200	50,00	37,00	6464,4	51,1	1,11	40,00	30,00	6279,7	42,1	1,15	30,00	22,00	5733,6	34,6	1,26	
	39,76	7200	40,00	30,00	6178,6	42,8	1,17	30,00	22,00	5626,9	35,2	1,28	30,00	22,00	6850,2	28,9	1,05	
	43,63	7500	40,00	30,00	6779,6	39,0	1,11	30,00	22,00	6174,3	32,1	1,21	25,00	18,50	6263,8	26,4	1,20	
	50,46	7850	40,00	30,00	7842,1	33,7	1,00	30,00	22,00	7141,9	27,7	1,10	25,00	18,50	7245,4	22,8	1,08	
	58,94	8000	30,00	22,00	6869,6	28,8	1,16	25,00	18,50	6951,4	23,8	1,15	20,00	15,00	6770,1	19,5	1,18	
	69,73	8000	25,00	18,50	6772,7	24,4	1,18	20,00	15,00	6579,2	20,1	1,22	20,00	15,00	8009,4	16,5	1,00	
	78,73	8000	20,00	15,00	6116,8	21,6	1,31	10,00	7,50	3713,8	17,8	2,15	10,00	7,50	4521,1	14,6	1,77	
	89,72	8000	15,00	11,00	5228,0	18,9	1,53	10,00	7,50	4232,2	15,6	1,89	10,00	7,50	5152,3	12,8	1,55	
	102,95	8000	15,00	11,00	5999,2	16,5	1,33	10,00	7,50	4856,5	13,6	1,65	10,00	7,50	5912,2	11,2	1,35	
	116,63	8000	15,00	11,00	6796,5	14,6	1,18	10,00	7,50	5501,9	12,0	1,45	10,00	7,50	6698,0	9,9	1,19	
	133,73	8000	15,00	11,00	7793,0	12,7	1,03	10,00	7,50	6308,7	10,5	1,27	10,00	7,50	7680,1	8,6	1,04	
	143,99	8000	12,50	9,20	6992,5	11,8	1,14	10,00	7,50	6792,7	9,7	1,18	7,50	5,50	6202,0	8,0	1,29	
	155,72	8000	12,50	9,20	7562,0	10,9	1,06	10,00	7,50	7345,9	9,0	1,09	7,50	5,50	6707,2	7,4	1,19	
GK08 BR	28,06	7200	60,00	45,00	6541,4	60,6	1,10	50,00	37,00	6619,3	49,9	1,09	40,00	30,00	6446,6	41,0	1,12	94%
	33,28	7200	50,00	37,00	6464,4	51,1	1,11	40,00	30,00	6279,7	42,1	1,15	30,00	22,00	5733,6	34,6	1,26	
	39,76	7200	40,00	30,00	6178,6	42,8	1,17	30,00	22,00	5626,9	35,2	1,28	30,00	22,00	6850,2	28,9	1,05	
	43,63	7500	40,00	30,00	6779,6	39,0	1,11	30,00	22,00	6174,3	32,1	1,21	25,00	18,50	6263,8	26,4	1,20	
	50,46	7850	40,00	30,00	7842,1	33,7	1,00	30,00	22,00	7141,9	27,7	1,10	25,00	18,50	7245,4	22,8	1,08	
	58,94	8000	30,00	22,00	6869,6	28,8	1,16	25,00	18,50	6951,4	23,8	1,15	20,00	15,00	6770,1	19,5	1,18	
	69,73	8000	25,00	18,50	6772,7	24,4	1,18	20,00	15,00	6579,2	20,1	1,22	20,00	15,00	8009,4	16,5	1,00	
	78,73	8000	20,00	15,00	6116,8	21,6	1,31	10,00	7,50	3713,8	17,8	2,15	10,00	7,50	4521,1	14,6	1,77	
	89,72	8000	15,00	11,00	5228,0	18,9	1,53	10,00	7,50	4232,2	15,6	1,89	10,00	7,50	5152,3	12,8	1,55	
	102,95	8000	15,00	11,00	5999,2	16,5	1,33	10,00	7,50	4856,5	13,6	1,65	10,00	7,50	5912,2	11,2	1,35	
	116,63	8000	15,00	11,00	6796,5	14,6	1,18	10,00	7,50	5501,9	12,0	1,45	10,00	7,50	6698,0	9,9	1,19	
	133,73	8000	15,00	11,00	7793,0	12,7	1,03	10,00	7,50	6308,7	10,5	1,27	10,00	7,50	7680,1	8,6	1,04	
	143,99	8000	12,50	9,20	6992,5	11,8	1,14	10,00	7,50	6792,7	9,7	1,18	7,50	5,50	6202,0	8,0	1,29	
	155,72	8000	12,50	9,20	7562,0	10,9	1,06	10,00	7,50	7345,9	9,0	1,09	7,50	5,50	6707,2	7,4	1,19	

*torque máximo suportado pelo redutor

TABELA GERAL - SIMPLES REDUÇÃO DE POTÊNCIA DE ENTRADA E TORQUE DE SAÍDA

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	
GK08 BR GA112	180.60	8000	10.00	7.50	6867	9.41	1.17	7.50	5.50	6253.8	7.75	1.28	7.50	5.50	7613.3	6.37	1.05	92%
	245.45	8000	7.50	5.50	6999	6.93	1.14	5.50	4.00	6232.9	5.70	1.28	5.00	3.70	6898.0	4.69	1.16	
	260.09	8000	7.50	5.50	7417	6.54	1.08	5.50	4.00	6604.7	5.38	1.21	5.00	3.70	7309.6	4.42	1.09	
	275.43	8000	7.50	5.50	7855	6.17	1.02	5.50	4.00	6994.3	5.08	1.14	5.00	3.70	7740.7	4.18	1.03	
	333.31	8000	6.00	4.50	7604	5.10	1.05	4.00	3.00	6155.6	4.20	1.30	4.00	3.00	7493.8	3.45	1.07	
	383.52	8000	5.00	3.70	7291	4.43	1.10	4.00	3.00	7082.8	3.65	1.13	3.00	2.20	6466.9	3.00	1.24	
	413.50	8000	5.00	3.70	7861	4.11	1.02	4.00	3.00	7636.6	3.39	1.05	3.00	2.20	6972.5	2.78	1.15	
	488.11	8000	4.00	3.00	7424	3.48	1.08	3.00	2.20	6760.9	2.87	1.18	2.00	1.50	5487.1	2.36	1.46	
GK08 BR GC45/2R	530.98	8200	4.00	3.00	7900	3.20	1.04	3.00	2.20	7194.7	2.64	1.14	2.00	1.50	5839.2	2.17	1.40	90%
	646.16	8200	3.00	2.20	7210	2.63	1.14	2.00	1.50	5837.0	2.17	1.40	2.00	1.50	7105.9	1.78	1.15	
	743.89	8200	2.00	1.50	5534	2.29	1.48	2.00	1.50	6719.8	1.88	1.22	2.00	1.50	8200 *	1.55	1.00	
	860.34	8200	2.00	1.50	6400	1.98	1.28	2.00	1.50	7771.8	1.63	1.06	1.50	1.10	7096.0	1.34	1.16	
	1002.14	8200	2.00	1.50	7455	1.70	1.10	1.50	1.10	6789.5	1.40	1.21	1.00	0.75	5510.3	1.15	1.49	
	1118.70	8200	1.50	1.10	6242	1.52	1.31	1.50	1.10	7579.2	1.25	1.08	1.00	0.75	6151.2	1.03	1.33	
	1304.39	8200	1.50	1.10	7278	1.30	1.13	1.00	0.75	5891.5	1.07	1.39	1.00	0.75	7172.3	0.88	1.14	
	1416.92	8200	1.50	1.10	7906	1.20	1.04	1.00	0.75	6399.7	0.99	1.28	1.00	0.75	7791.0	0.81	1.05	
	1697.98	8200	1.00	0.75	6316	1.00	1.30	1.00	0.75	7669.2	0.82	1.07	0.75	0.55	7002.3	0.68	1.17	
GK08 BR GC45/3R	2088.54	8200	2.00	1.50	8200 *	0.81	1.00	1.50	1.10	8200 *	0.67	1.00	1.00	0.75	8200 *	0.55	1.00	88%
	2481.62	8200	2.00	1.50	8200 *	0.69	1.00	1.50	1.10	8200 *	0.56	1.00	1.00	0.75	8200 *	0.46	1.00	
	2977.14	8200	1.00	0.75	8200 *	0.57	1.00	0.75	0.55	8200 *	0.47	1.00	0.50	0.37	8200 *	0.39	1.00	
	3477.46	8200	1.00	0.75	8200 *	0.49	1.00	0.75	0.55	8200 *	0.40	1.00	0.50	0.37	8200 *	0.33	1.00	
	4229.53	8200	1.00	0.75	8200 *	0.40	1.00	0.75	0.55	8200 *	0.33	1.00	0.50	0.37	8200 *	0.27	1.00	
	5671.21	8200	1.00	0.75	8200 *	0.30	1.00	0.75	0.55	8200 *	0.25	1.00	0.50	0.37	8200 *	0.20	1.00	
	7382.24	8200	1.00	0.75	8200 *	0.23	1.00	0.75	0.55	8200 *	0.19	1.00	0.50	0.37	8200 *	0.16	1.00	
	9612.52	8200	1.00	0.75	8200 *	0.18	1.00	0.75	0.55	8200 *	0.15	1.00	0.50	0.37	8200 *	0.12	1.00	
GK 09 BS	7.78	7230	150.00	110.00	4536	218.4	1.59	125.00	90.00	4590	179.8	1.58	125.00	90.00	5588	147.7	1.29	94%
	8.80	7250	150.00	110.00	5129	193.1	1.41	125.00	90.00	5191	159.0	1.40	125.00	90.00	6319	130.6	1.15	
	9.99	8100	150.00	110.00	5822	170.2	1.39	125.00	90.00	5891	140.1	1.38	125.00	90.00	7171	115.1	1.13	
	11.92	8550	150.00	110.00	6946	142.6	1.23	125.00	90.00	7029	117.5	1.22	125.00	90.00	8557	96.5	1.00	
	13.78	12200	150.00	110.00	8029	123.4	1.52	125.00	90.00	8125	101.6	1.50	125.00	90.00	9891	83.5	1.23	
	15.64	13000	150.00	110.00	9112	108.7	1.43	125.00	90.00	9221	89.5	1.41	125.00	90.00	11225	73.5	1.16	
	18.66	13000	150.00	110.00	10873	91.1	1.20	125.00	90.00	11002	75.0	1.18	100.00	75.00	10715	61.6	1.21	
	21.47	13000	150.00	110.00	12511	79.2	1.04	125.00	90.00	12660	65.2	1.03	100.00	75.00	12330	53.6	1.05	
	24.93	13000	125.00	90.00	12107	68.2	1.07	100.00	75.00	11761	56.2	1.11	75.00	55.00	10739	46.1	1.21	
GK09 BR	27.77	13000	100.00	75.00	10789	61.2	1.20	75.00	55.00	9826	50.4	1.32	75.00	55.00	11962	41.4	1.09	94%
	31.40	13000	100.00	75.00	12200	54.1	1.07	75.00	55.00	11111	44.6	1.17	60.00	45.00	10821	36.6	1.20	
	35.64	13000	75.00	55.00	10385	47.7	1.25	75.00	55.00	12610	39.3	1.03	60.00	45.00	12281	32.3	1.06	
	42.53	13000	75.00	55.00	12391	40.0	1.05	60.00	45.00	12037	32.9	1.08	50.00	37.00	12211	27.0	1.06	
	48.94	13000	60.00	45.00	11407	34.7	1.14	50.00	37.00	11543	28.6	1.13	40.00	30.00	11242	23.5	1.16	
	56.83	13000	50.00	37.00	11038	29.9	1.18	40.00	30.00	10723	24.6	1.21	40.00	30.00	13054	20.2	1.00	
	63.18	13000	50.00	37.00	12273	26.9	1.06	40.00	30.00	11922	22.2	1.09	30.00	22.00	10885	18.2	1.19	
	75.91	13000	40.00	30.00	11796	22.4	1.10	30.00	22.00	10743	18.4	1.21	25.00	18.50	10899	15.1	1.19	
	84.92	13000	30.00	22.00	9898	20.0	1.31	30.00	22.00	12019	16.5	1.08	25.00	18.50	12193	13.5	1.07	
	97.20	13000	30.00	22.00	11329	17.5	1.15	25.00	18.50	11464	14.4	1.13	20.00	15.00	11165	11.8	1.16	
	112.75	13000	25.00	18.50	10951	15.1	1.19	20.00	15.00	10638	12.4	1.22	20.00	15.00	12951	10.2	1.00	
	127.44	13000	25.00	18.50	12378	13.3	1.05	20.00	15.00	12024	11.0	1.08	15.00	11.00	10978	9.0	1.18	
	136.08	13000	20.00	15.00	10573	12.5	1.23	20.00	15.00	12839	10.3	1.01	15.00	11.00	11723	8.5	1.11	
	145.80	13000	20.00	15.00	11329	11.7	1.15	15.00	11.00	10317	9.6	1.26	15.00	11.00	12560	7.9	1.04	
GK09 BR GA132	165.94	13400	15.00	11.00	9464	10.24	1.42	10.00	7.50	7661.7	8.44	1.75	10.00	7.50	9327.3	6.93	1.44	92%
	196.06	13400	15.00	11.00	11182	8.67	1.20	10.00	7.50	9052.3	7.14	1.48	10.00	7.50	11020.2	5.87	1.22	
	221.64	13400	15.00	11.00	12641	7.67	1.06	10.00	7.50	10233.1	6.32	1.31	10.00	7.50	12457.6	5.19	1.08	
	252.33	13400	12.50	9.20	11993	6.74	1.12	10.00	7.50	11649.9	5.55	1.15	7.50	5.50	10636.9	4.56	1.26	
	289.83	13400	10.00	7.50	11020	5.87	1.22	7.50	5.50	10036.3	4.83	1.34	7.50	5.50	12218.1	3.97	1.10	
	328.48	13400	10.00	7.50	12490	5.18	1.07	7.50	5.50	11374.4	4.26	1.18	6.00	4.50	11077.7	3.50	1.21	
	376.78	13400	7.50	5.50	10745	4.51	1.25	5.50	3.70	9567.9	3.72	1.40	6.00	4.50	12706.8	3.05	1.05	
	405.20	13400	7.50	5.50	11555	4.20	1.16	5.50	3.70	10289.5	3.46	1.30	5.00	3.70	11387.6	2.84	1.18	
GK09 BR GC45 /2R	434.18	13600	7.50	5.50	12112	3.92	1.12	5.50	3.70	10785.8	3.22	1.26	5.00	3.70	11936.8	2.65	1.14	90%
	485.33	13600	6.00	4.50	10831	3.50	1.26	5.50	3.70	12056.4	2.88	1.13	4.00	3.00	10674.4	2.37	1.27	
	576.82	13600	6.00	4.50	12873	2.95	1.06	4.00	3.00	10421.3	2.43	1.31	4.00	3.00	12686.8	1.99	1.07	
	691.62	13600	5.00	3.70	12863	2.46	1.06	4.00	3.00	12495.3	2.02	1.09	3.00	2.20	11408.7	1.66	1.19	
	841.65	13600	4.00	3.00	12522	2.02	1.09	3.00	2.20	11404.4	1.66	1.19	2.00	1.50	9255.7	1.37	1.47	
	968.95	13600	3.00	2.20	10812	1.75	1.26	2.00	1.50	8752.9	1.44	1.55	2.00	1.50	10655.7	1.19	1.28	
	1128.64	13600	3.00	2.20	12594	1.51	1.08	2.00	1.50	10195.4	1.24	1.33	2.00	1.50	12411.8	1.02	1.10	
	1259.92	13600	2.00	1.50	9373	1.35	1.45	2.00	1.50	11381.3	1.11	1.19	1.50	1.10	10391.6	0.91	1.31	
	1469.06	13600	2.00	1.50	10929	1.16	1.24	1.50	1.10	9952.8	0.95	1.37	1.50	1.10	12116.5	0.78	1.12	
	1595.79	13600	2.00	1.50	11871	1.07	1.15	1.50	1.10	10811.4	0.88	1.26	1.00	0.75	8774.5	0.72	1.55	
	1741.84	13600	2.00	1.50	12958	0.98	1.05	1.50	1.10	11801.0	0.80	1.15	1.00	0.75	9577.6	0.66	1.42	
	1912.33	13600	1.50	1.10	10670	0.89	1.27	1.50	1.10	12956.0	0.73	1.05	1.00	0.75	10515.0	0.60	1.29	
GK09 BR GC45 /3R	1992.46	13800	2.00	1.50	13000	0.85	1.06	1.50	1.10	13000.0	0.70	1.06	1.00	0.75	10955.6	0.58	1.26	88%
	2104.98	13800	2.00	1.50	13000	0.81	1.06	1.50	1.10	13000.0	0.67	1.06	1.00	0.75	11574.4	0.55	1.19	
	2352.19	13800	2.00	1.50	13000	0.72	1.06	1.50	1.10	13000.0	0.60	1.06	1.00	0.75	12933.6	0.49	1.07	
	2794.90	13800	2.00	1.50	13000	0.61	1.06	1.50	1.10	13000.0	0.50	1.06	1.00	0.75	13000.0	0.41	1.06	
	3352.97	13800	1.00	0.75	12472	0.51	1.11	0.75	0.55	11358.2	0.42	1.21	0.50	0.37	9218.2	0.34	1.50	
	4078.12	13800	1.00	0.75	13000	0.42	1.06	0.75	0.55	13000.0	0.34	1.06	0.50	0.37	11211.9	0.28	1.23	
	4695.86	13800	1.00	0.75	13000	0.36	1.06	0.75	0.55	13000.0	0.30	1.06	0.50	0.37	12910.2	0.24	1.07	
	5468.18	13800	1.00	0.75	13000	0.31	1.06	0.75	0.55	13000.0	0.26	1.06	0.50	0.37	13000.0	0.21	1.06	
	6106.38	13800	1.00	0.75	13000	0.28	1.06	0.75	0.55	13000.0	0.23	1.06	0.50	0.37	13000.0	0.19	1.06	
	7117.96	13800	1.00	0.75	13000	0.24	1.06	0.75	0.55	13000.0	0.20	1.06	0.50	0.37	13000.0	0.16	1.06	
	7732.86	13800	1.00	0.75	13000	0.22	1.06	0.75	0.55	13000.0	0.18	1.06	0.50	0.37	13000.0	0.15	1.06	
	8441.53	13800	1.00	0.75	13000	0.20	1.06	0.75	0.55	13000.0	0.17	1.06	0.50	0.37	13000.0	0.14	1.06	
	9268.40	13800	1.00	0.75	13000	0.18	1.06	0.75	0.55	13000.0	0.15	1.06	0.50	0.37	13000.0	0.12	1.06	

*torque máximo suportado pelo redutor

REDUÇÃO X CARCAÇA

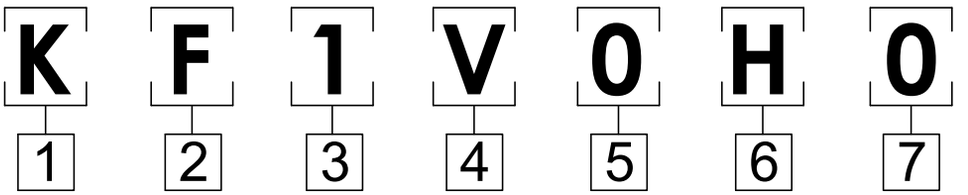
MODELO	RED	CARCAÇAS IEC												
		C63	C71	C80	C90	C100	C112	C132	C160	C180	C200	C225	C250	C280
GK02 BS	5.87			OK	OK	OK								
	7.33			OK	OK	OK								
	8.56			OK	OK	OK								
	9.26			OK	OK	OK								
	10.93			OK	OK	1								
	13.04	OK	OK	OK	OK	1								
GK02 BR	15.47	OK	OK	OK	OK	1								
	18.04	OK	OK	OK	OK	1								
	19.54	OK	OK	OK	OK	1								
	23.05	OK	OK	OK	OK	1								
	27.5	OK	OK	OK	1	1								
	33.31	OK	OK	OK	1	1								
	34.54	OK	OK	OK	1	1								
	41.85	OK	OK	OK	1	1								
	47.19	OK	OK	OK	1	1								
	51.81	OK	OK	OK	1	1								
	57.21	OK	OK	1	1	1								
	66.76	OK	OK	1	1	1								
	73.4	OK	OK	1	1	1								
	81.25	OK	OK	1	1	1								
	90.67	OK	OK	1	1	1								
	104.8	OK	OK	1	1	1								
	116.58	OK	OK	1	1	1								
GK03 BS	7.77			OK	OK	OK								
	9.07			OK	OK	OK								
	11.58			OK	OK	OK								
	13.82		OK	OK	OK	OK								
	16.74		OK	OK	OK	OK								
	18.88		OK	OK	OK	OK								
	20.73		OK	OK	OK	OK								
	22.89		OK	OK	OK	OK								
	26.71		OK	OK	OK	1								
	29.37		OK	OK	OK	1								
	21.67		OK	OK	OK	1								
GK03 BR	30.94		OK	OK	OK	1								
	37.49		OK	OK	OK	1								
	42.27		OK	OK	OK	1								
	46.42		OK	OK	OK	1								
	52.19		OK	OK	OK	1								
	58.85		OK	OK	1	1								
	64.62		OK	OK	1	1								
	71.5		OK	OK	1	1								
	83.25		OK	OK	1	1								
	91.54		OK	OK	1	1								
	101.33		OK	OK	1	1								
	113.08		OK	1	1	1								
	130.7		OK	1	1	1								
	145.38		OK	1	1	1								
GK04 BS	8				OK	OK	OK	OK						
	9.44				OK	OK	OK	OK						
	10.86				OK	OK	OK	OK						
	12.14				OK	OK	OK	OK						
	14.42				OK	OK	OK	OK						
	17.3				OK	OK	OK	1						
	21.04				OK	OK	OK	1						
	24.43				OK	OK	OK	1						
	27.31				OK	OK	OK	1						
	32.44				OK	OK	OK	1						
	38.92				OK	OK	1							
	47.34				OK	OK	1							
	54.52				OK	OK	1							
GK04 BR	59.03			OK	OK									
	71.52			OK	OK									
	80.64			OK	OK									
	88.55			OK	OK									
	97.77			OK	OK									
	114.09			OK	1									
	125.44			OK	1									
	138.86			OK	1									
	154.96			OK	1									
	179.11			OK	1									
	199.23			OK	1									
GK05 BS	7.77				OK	OK	OK	OK	OK					
	8.71				OK	OK	OK	OK	OK					
	9.79				OK	OK	OK	OK	OK					
	11.03				OK	OK	OK	OK	OK					
	12.37				OK	OK	OK	OK	OK					
	13.91				OK	OK	OK	OK	OK					
	15.72				OK	OK	OK	OK	OK					
	17.84				OK	OK	OK	OK	OK					
	19.06				OK	OK	OK	OK	OK					
	22.04				OK	OK	OK	OK	1					
	25.02				OK	OK	OK	OK						
	27.99				OK	OK	OK	OK						
GK05 BR	29.92				OK	OK	OK	OK	1					
	31.61				OK	OK	OK	OK	1					
	35.32				OK	OK	OK	OK	1					
	41.97				OK	OK	OK	1	1					
	50.35				OK	OK	OK	1						
	61.24				OK	OK	OK	1						
	70.52				OK	OK	1	1						
	82.12				OK	OK	1	1						
	91.69				OK	OK	1	1						
	106.89				OK	1	1	1						
	116.11				OK	1	1	1						
	126.76				OK	1	1	1						
	139.18				OK	1	1	1						
	147.93				OK									
	176.29				OK									
	194.34				OK									

REDUÇÃO X CARCAÇA

MODELO	RED	CARCAÇAS IEC												
		C63	C71	C80	C90	C100	C112	C132	C160	C180	C200	C225	C250	C280
GK06 BS	6.62					OK	OK	OK	OK	OK				
	7.77					OK	OK	OK	OK	OK				
	9.58				OK	OK	OK	OK	OK	OK				
	10.31					OK	OK	OK	OK	OK				
	12.1					OK	OK	OK	OK	OK				
	14.91				OK	OK	OK	OK	OK	OK				
	15.57				OK	OK	OK	OK	OK	OK				
	18.65				OK	OK	OK	OK	OK	1				
	21.56				OK	OK	OK	OK	OK	1				
	25.2				OK	OK	OK	OK	OK	1				
	28.18				OK	OK	OK	OK	OK					
GK06 BR	32.39					OK	OK	OK	OK	1				
	38.01					OK	OK	OK	1	1				
	46.83				OK	OK	OK	OK	1	1				
	48.91				OK	OK	OK	OK	1	1				
	58.59				OK	OK	OK	OK	1	1				
	67.74				OK	OK	OK	OK	1	1				
	79.18				OK	OK	OK	1	1	1				
	88.54				OK	OK	OK	1	1					
	99.77				OK	OK	OK	1	1					
	113.49				OK	OK	OK	1	1					
	130.65				OK	OK	1	1	1					
	140.94				OK	OK	1	1	1					
	166.28				OK	OK	1	1	1					
	181.55				OK	1	1							
	197.34				OK	1	1							
GK07 BS	8.42								OK	OK	OK	OK		
	10.06								OK	OK	OK	OK		
	11.04								OK	OK	OK	1		
	12.77								OK	OK	OK	1		
	14.92								OK	OK	OK	1		
	15.42								OK	OK	OK	1		
	16.82								OK	OK	OK	1		
	19.58								OK	OK	OK	1		
	22.86								OK	OK	OK	1		
GK07 BR	27.51								OK	OK				
	30.93								OK	OK				
	36.29								OK	OK				
	44.71							OK	OK					
	46.69							OK	OK					
	55.94					OK	OK	OK						
	64.68					OK	OK	OK						
	75.6					OK	OK	OK						
	84.53					OK	OK	OK						
	95.26					OK	OK	OK						
	108.36					OK	OK	1						
	124.74					OK	OK	1						
	134.57					OK	OK	1						
	158.76					OK	OK	1						
	173.34					OK	OK							
	188.42					OK	OK							
GK08 BS	8.44									OK	OK	OK	OK	OK
	10.09									OK	OK	OK	OK	1
	11.07									OK	OK	OK	OK	1
	12.8									OK	OK	OK	1	1
	14.29									OK	OK	OK	OK	1
	17.07									OK	OK	OK	OK	1
	18.73									OK	OK	OK	1	1
	21.67									OK	OK	OK	1	1
	25.31									OK	OK	OK	1	1
GK08 BR	28.06									OK	OK	OK	1	1
	33.28									OK	OK	1	1	1
	39.76									OK	OK	1	1	1
	43.63									OK	OK	1	1	1
	50.46									OK	OK	1	1	1
	58.94								OK	OK				
	69.73					OK	OK	OK	OK					
	78.73					OK	OK	OK	1					
	89.72					OK	OK	OK	1					
	102.95					OK	OK	OK						
	116.63					OK	OK	OK						
	133.73					OK	OK	OK						
	143.99					OK	OK	OK						
	155.72					OK	OK	OK						
GK09 BS	8.8										OK	OK	OK	OK
	9.99										OK	OK	OK	OK
	11.92										OK	OK	OK	OK
	13.78										OK	OK	OK	OK
	15.64										OK	OK	OK	OK
	18.66										OK	OK	OK	OK
	21.47										OK	OK	OK	OK
	24.93										OK	OK	OK	OK
GK09 BR	27.77										OK	OK	OK	1
	31.4										OK	OK	OK	1
	35.64										OK	OK	1	1
	42.53										OK	OK	1	1
	48.94										OK	OK	1	1
	56.83										OK	OK	1	1
	63.18									OK	OK			
	75.91									OK	OK			
	84.92								OK	OK				
	97.2								OK	OK				
	112.75													
	127.44													
	136.08													
	145.8													

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

---

2 ENTRADA
M=MACIÇO
F = FLANGE

---

3 EIXO DE ENTRADA
1= HORIZONTAL
2= VERTICAL

---

4 EIXO DE SAÍDA
N= EIXO MACIÇO
V= VAZADO

---

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

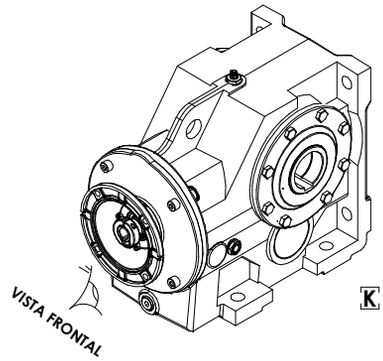
---

6 POSIÇÃO DA BASE INFERIOR
H= BASE INFERIOR PARA BAIXO
I= BASE INFERIOR PARA CIMA
V= BASE INFERIOR À DIREITA,ENTRADA VERTICAL SUPERIOR
T= BASE INFERIOR À ESQUERDA,ENTRADA VERTICAL SUPERIOR
P= BASE INFERIOR À ESQUERDA, ENTRADA VERTICAL INFERIOR
Q= BASE INFERIOR À DIREITA,ENTRADA VERTICAL INFERIOR
E= BASE INFERIOR À ESQUERDA
D= BASE INFERIOR À DIREITA

---

7 ACESSÓRIOS
0=NENHUM
2=FLANGE DE SAÍDA À DIREITA OU PARA BAIXO
3=FLANGE DE SAÍDA À ESQUERDA OU PARA CIMA
4=BRAÇO DE TORÇÃO À DIREITA OU PARA BAIXO
5=BRAÇO DE TORÇÃO À ESQUERDA OU PARA CIMA
6=VAZADO COM DISCO DE CONTRAÇÃO À DIREITA OU PARA BAIXO
7=VAZADO COM DISCO DE CONTRAÇÃO À ESQUERDA OU PARA CIMA
8=VAZADO COM DISCO DE CONTRAÇÃO À DIREITA E FLANGE DE SAÍDA À ESQUERDA
9=VAZADO COM DISCO DE CONTRAÇÃO À ESQUERDA FLANGE DE SAÍDA À DIREITA
A=VAZADO C/ DISCO DE CONTRAÇÃO À DIREITA OU PARA CIMA E BRAÇO DE TORÇÃO À ESQUERDA OU PARA BAIXO
B=VAZADO C/ DISCO DE CONTRAÇÃO À ESQUERDA OU PARA BAIXO E BRAÇO DE TORÇÃO À DIREITA OU PARA CIMA

POSIÇÕES DE MONTAGEM



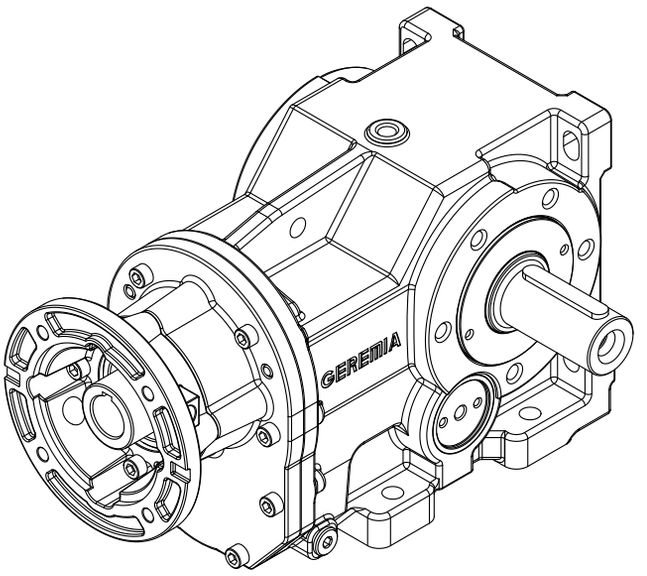
K F 1 V 0 H 0

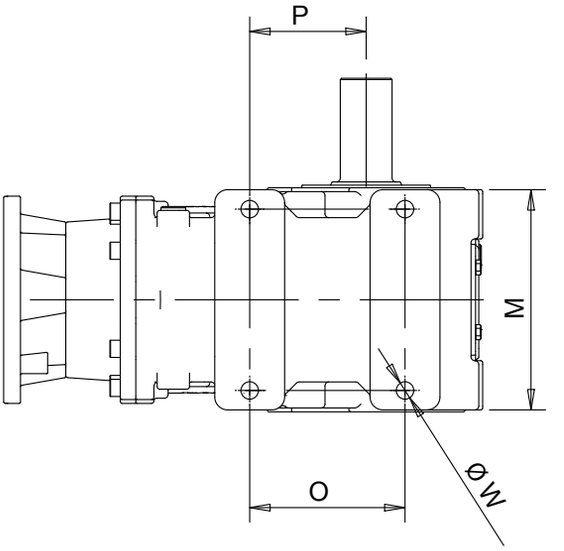
VISTA FRONTAL	VISTA FRONTAL	VISTA FRONTAL
KF1N2H0	KF1N1I0	KF1V0H2
KF1N3D0	KF1N4E2	KF1V0E2
KF2N7V0	KF2N7P0	KF1V0H5
KF2N6T0	KF2N6Q0	KF2V0P5
KF1V0HA	KF1V0DB	KF2V0PB

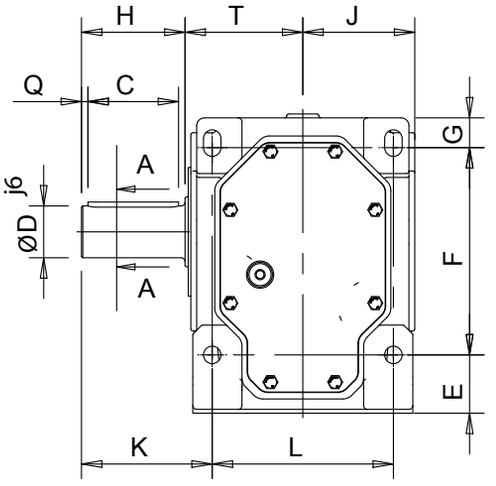
Todas as caixas de ligação estão representadas a zero grau tendo como referência a flange de entrada vista de frente.
Posição de montagem baseada nas vistas 3D (isométrica).

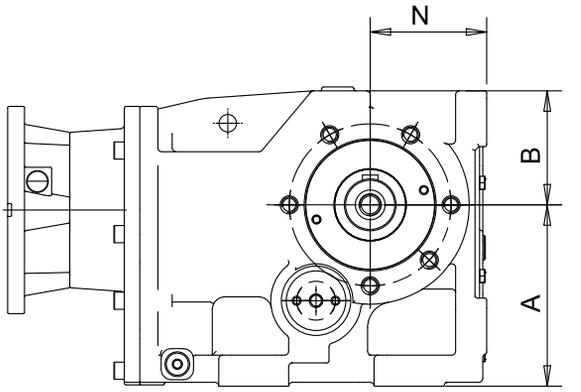
OBS.: Efetuar o posicionamento do eixo de saída com a caixa na posição de trabalho.

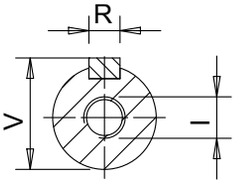
REDUTOR COM SAÍDA MACIÇA









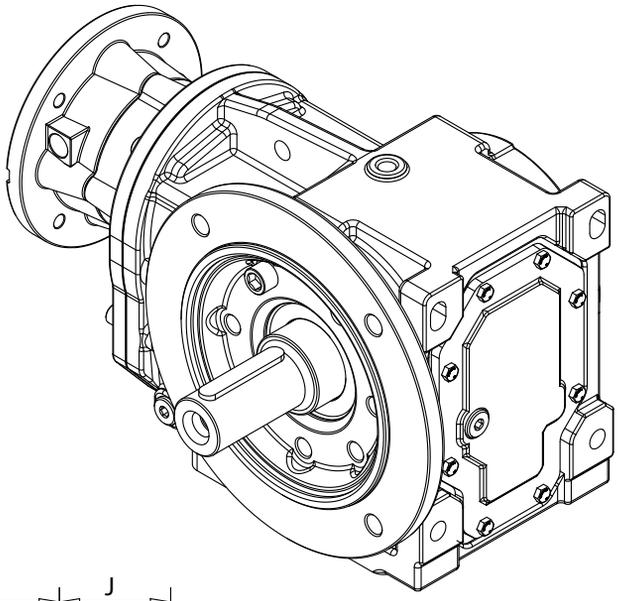


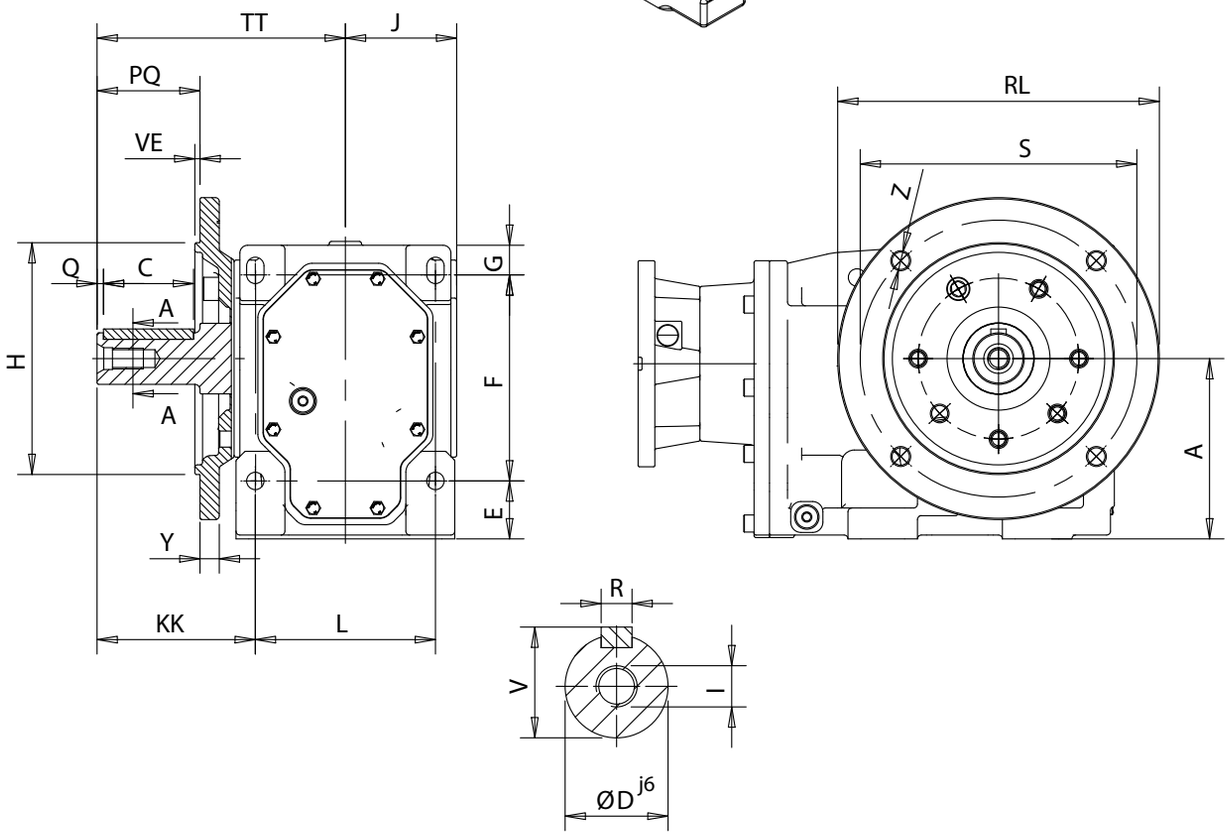
EIXO SAÍDA

MODELO	A	B	C	ØD^{j6}	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	T	V	ØW
GK 02	100	65	40	25	32	115	18	50	M10	61,5	64	100	120	63	110	82	5	8	64	28	11
GK 03	112	73	50	30	37	130	18	60	M10	72	75	120	141	71	130	95	3,5	8	75	33	11
GK 04	140	88	70	40	45	160	23	80	M16	86,5	101	140	170	90	120	90	5	12	91	43	13
GK 05	180	108	100	50	55	200	33	110	M10	99	132,5	165	198	112	150	110	5	14	105	53,5	17
GK 06	212	133	110	60	70	233	42	120	M20	116	150	180	224	132	180	125	5	18	120	64	21
GK 07	265	163	125	70	75	295	58	140	M12	146	170	240	288	160	240	165	7,5	20	150	74,5	26.5
GK08	315	190	150	90	95	360	45	170	M24	-	212	270	340	200	280	185	10	25	177	95	32
GK09	375	215	190	110	110	420	60	210	M24	-	253	330	400	225	350	235	30	28	208	116	40.5

C - Comprimento da chaveta
J - Distância do centro do redutor até a face das furações

REDUTOR COM SAÍDA MACIÇA E FLANGE DE SAÍDA



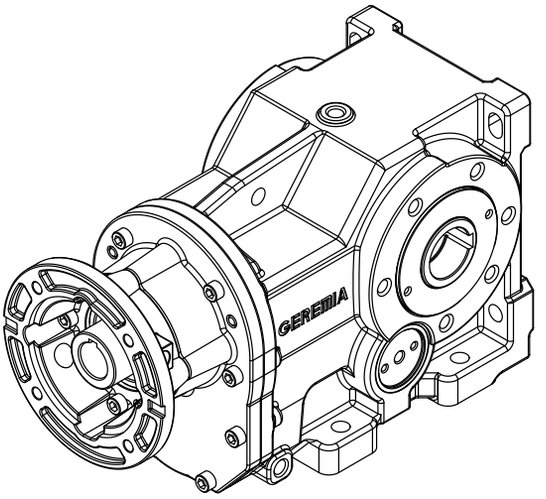


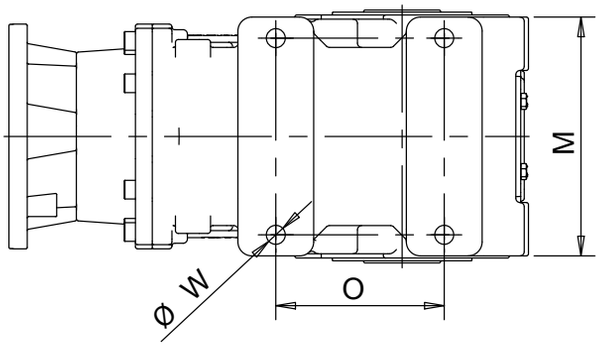
EIXO SAÍDA

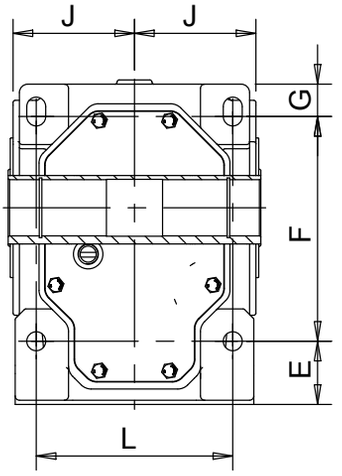
MODELO	A	C	ØD j6	E	F	G	H	I	J	KK	L	PQ	Q	R	RL	S	TT	V	VE	Y	Z
GK 02	100	40	25	32	115	18	110	M10	61,5	84	100	50	5	8	160	130	134	28	3,5	10	8.5
GK 03	112	50	30	37	130	18	130	M10	72	100	120	60	3,5	8	200	165	160	33	3,5	10	11
GK 04	140	70	40	45	160	23	180	M16	86,5	123	140	80	5	12	250	215	193	43	4	15	13
GK 05	180	80	50	55	200	33	230	M10	101	159,5	165	100	10	14	300	265	242	53,5	4	16	13
GK 06	212	110	60	70	233	42	250	M20	116	190	180	120	5	18	350	300	280	64	5	18	17
GK 07	265	125	70	75	295	58	350	M12	146	211,5	240	140	7,5	20	450	400	331,5	74,5	5	21	17
GK08	315	150	90	95	360	45	350	M24	-	251	270	170	10	25	450	400	386	95	5	22	17
GK09	375	150	110	110	420	60	450	M24	-	301	330	210	30	28	550	500	466	116	5	25	17

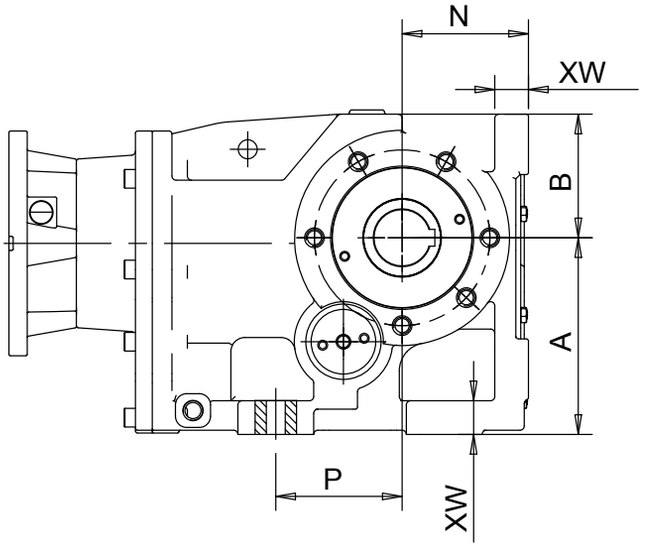
C - Comprimento da chaveta
J - Distância do centro do redutor até a face das furações

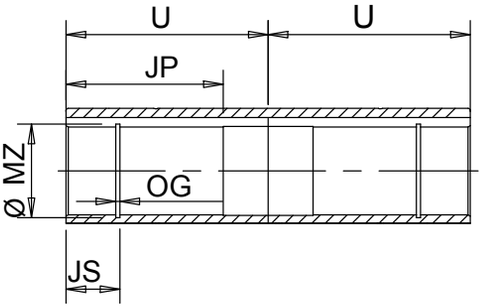
REDUTOR COM SAÍDA VAZADA



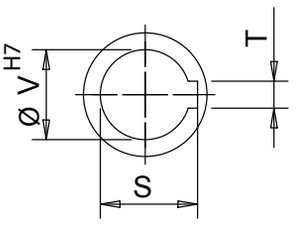








EIXO SAÍDA

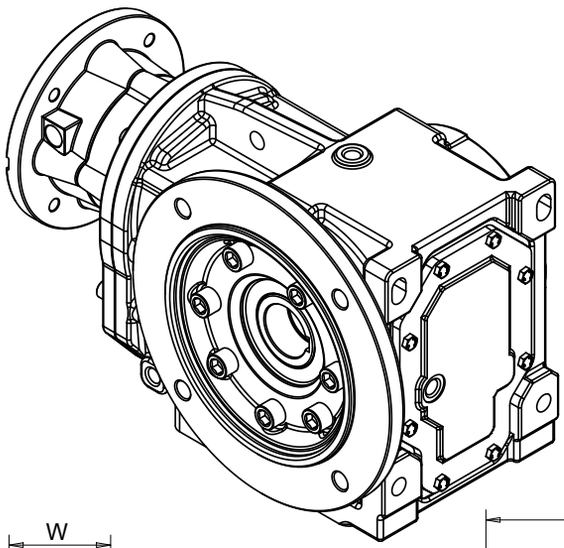


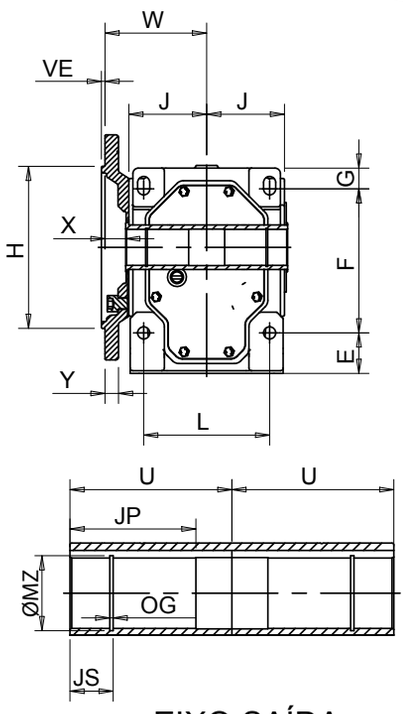
EIXO SAÍDA

MODELO	A	B	E	F	G	J	JP	JS	L	M	ØMZ	N	O	OG	P	S	T	U	ØV H7	XW	ØW
GK 02	100	65	32	115	18	61,5	36	19	100	120	31,4	63	110	1,3	82	33,3	8	64	30	16	11
GK 03	112	73	37	130	18	72	60	18	120	141	37	71	130	1,6	95	38,3	10	75	35	18	11
GK04	140	88	45	160	23	86,5	70	24	140	170	42,5	90	120	1,85	90	43,3	12	90	40	24	13
GK 05	180	108	55	200	33	101	100	27	165	198	53	112	150	2,15	110	53,8	14	105	50	27	17
GK 06	212	133	70	233	42	116	112	30	180	224	63	132	180	2,15	125	64,4	18	120	60	32	21
GK 07	265	163	75	295	58	146	135	32,65	240	288	73	160	240	2,65	165	74,9	20	150	70	36	26.5
GK 08	315	190	95	360	45	-	142	37	270	340	93.5	200	280	3.15	185	95.4	25	175	90	40	32
GK09	375	215	110	420	60	-	155	37	330	400	103.5	225	350	3.15	235	106.4	28	205	100	46	40.5

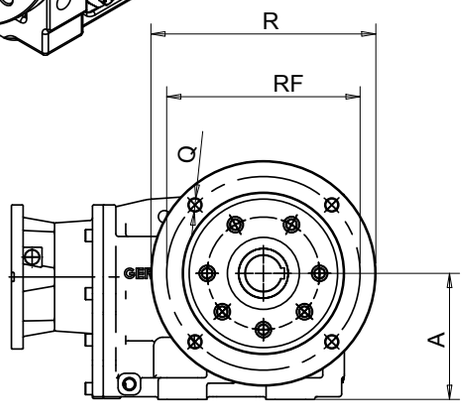
J - Distância de centro do redutor até a face das furações

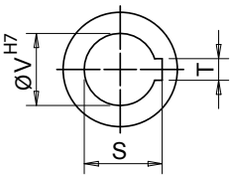
REDUTOR COM SAÍDA VAZADA E FLANGE DE SAÍDA





EIXO SAÍDA



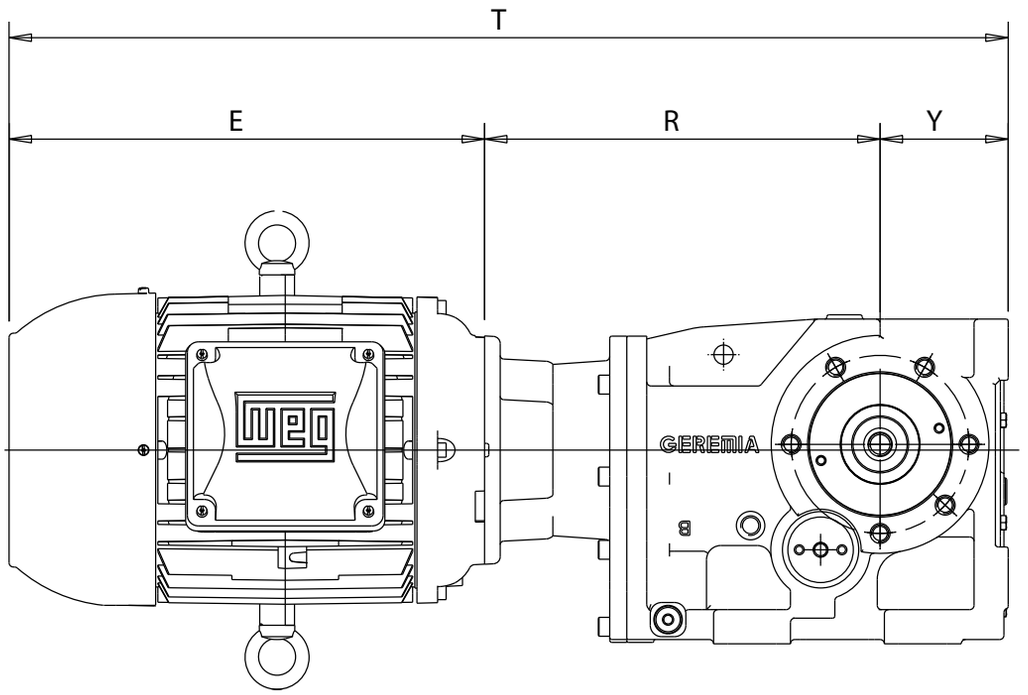


EIXO SAÍDA

MODELO	A	E	F	G	H	J	JP	JS	L	ØMZ	OG	Q	R	RF	S	T	U	ØV H7	VE	X	Y	W
GK 02	100	32	115	18	110	61,5	36	19	100	31,4	1,3	8.5	160	130	33,3	8	64	30	3,5	20	10	84
GK 03	112	37	130	18	130	72	60	18	120	37	1,6	11	200	165	38,3	10	75	35	3,5	25	10	100
GK04	140	45	160	23	180	86,5	70	24	140	42,5	1,85	13.0	250	215	43,3	12	90	40	4	23	15	113
GK 05	180	55	200	33	230	101	100	27	165	53	2,15	13	300	265	53,8	14	105	50	4	37	16	142
GK 06	212	70	233	42	250	116	112	30	180	63	2,15	17	350	300	64,4	18	120	60	5	40	18	160
GK 07	265	75	295	58	350	146	135	32,65	240	73	2,65	17	450	400	74,9	20	150	70	5	41,5	21	191,5
GK 08	315	95	360	45	350	-	142	37	270	93.5	3.15	17	450	400	95.4	25	175	90	5	41	22	216
GK09	375	110	420	60	450	-	155	37	330	103.5	3.15	17	550	500	106.4	28	205	100	5	47	25	256

J - Distância de centro do redutor até a face das furações

REDUTOR COM FLANGE DE ENTRADA

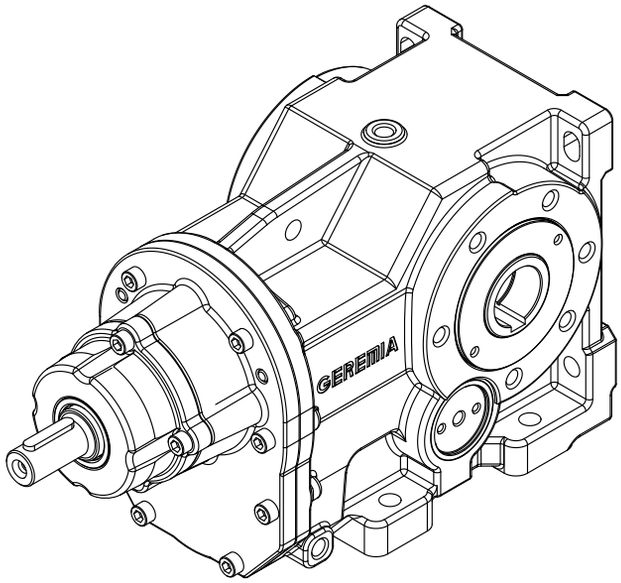


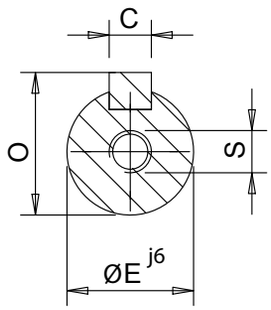
MODELO	IEC ABNT	FLANGE	TIPO	E	R	T	Y
GK 02	C63	B14/C-90	BS/BR	192,3	228	483,3	63
	C71	B14/C-105		220	228	511	
	C80	B14/C-120		236	238	537	
	C90S	B14/C-140		254,5	238	555,5	
	C90L	B14/C-140		279,5	238	580,5	
	C100L	B14/C-160		316,1	245	624	
GK 03	C71	B14/C-105	BS/BR	220	231	522	71
	C80	B14/C-120		236	241	548	
	C90S	B14/C-140		254,5	241	566,5	
	C90L	B14/C-140		279,5	241	591,5	
	C100L	B14/C-160		316,1	261	648	
	C112M	B14/C-160		334,1	261	666	
GK 04	C80	B14/C-120	BR	236	250,2	576,2	90
	C90S	B14/C-140		254,5	250,2	594,75	
	C90L	B14/C-140		279,5	250,2	619,8	
	C100L	B14/C-160	BS	316,1	280,1	686,2	
	C112M	B14/C-160		334,1	280,1	704,2	
	C132S	B14/C-200		370,6	290,1	750,7	
	C132M	B14/C-200		409,8	290,1	788,9	
GK 05	C90S	B5/FF-165	BR	254,5	305	671,5	112
	C90L	B5/FF-165		279,5	305	696,5	
	C100L	B5/FF-215	BS	316,1	323	751,1	
	C100L	B5/FF-215	BR	316,1	312	740,1	
	C112M	B5/FF-215	BS	334,1	323	769,1	
	C112M	B5/FF-215	BR	334,1	312	758,1	
	C132S	B5/FF-265	BS	372,7	342	826,7	
	C132M	B5/FF-265		409,8	342	863,8	
	C132S	B5/FF-265	BR	372,7	329	813,7	
	C132M	B5/FF-265		409,8	329	850,8	
	C160M	B5/FF-300	BS	487,9	379	978,9	
	C160L	B5/FF-300		532,3	379	1023,3	
GK 06	C90S	B5/FF-165	BS/BR	254,5	397,8	784,3	132
	C90L	B5/FF-165		279,5	397,8	809,3	
	C100L	B5/FF-215		316,5	404,8	852,9	
	C112M	B5/FF-215		334,1	404,8	870,9	
	C132S	B5/FF-265		372,2	427	931,7	
	C132M	B5/FF-265		409,8	427	968,8	
	C160M	B5/FF-300		487,9	521,7	1141,6	
	C160L	B5/FF-300		532,3	521,7	1186	
	C180M	B5/FF-300		553,6	521,7	1207,3	
	C180L	B5/FF-300		591,6	521,7	1245,3	

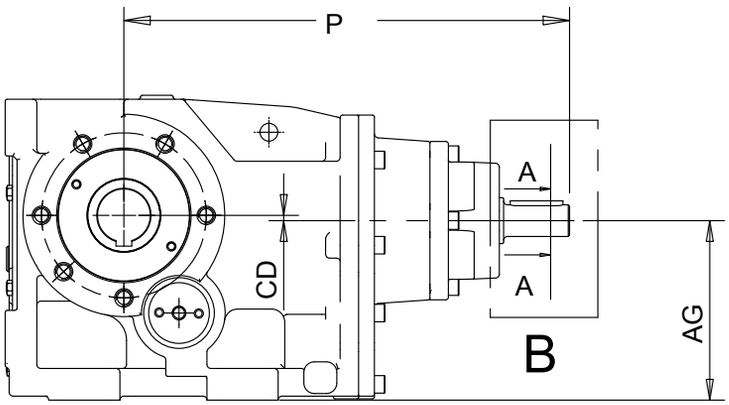
MODELO	IEC ABNT	FLANGE	TIPO	E	R	T	Y
GK 07	C100L	B5/FF-215	BR	316,1	442,5	918,6	160
	C112M	B5/FF-215		334,1	442,5	936,6	
	C132S	B5/FF-265		372,7	458	990,7	
	132M	B5/FF-265		409,8	458	1027,8	
	C160M	B5/FF-300		487,9	487	1134,9	
	C160L	B5/FF-300		532,3	487	1179,3	
	C180M	B5/FF-300		553,6	487	1200,6	
	C180L	B5/FF-300		591,6	487	1238,6	
	C180M	B5/FF-300	BS	553,6	489	1202,6	
	C180L	B5/FF-300		591,6	489	1240,6	
	C200M	B5/FF-350		617,8	568	1345,8	
	C200L	B5/FF-350		655,8	568	1383,8	
	C225	B5/FF-400		708,5	598	1466,5	
GK 08	C100 L	B5/FF-215	BS/BR	316,1	423	939,1	200
	C112 M	B5/FF-215		334,1	423	957,1	
	C132 S	B5/FF-265		372,7	438,5	1011,2	
	C132 M	B5/FF-265		409,8	438,5	1048,3	
	C160 M	B5/FF-300		487,9	467,5	1155,4	
	C160 L	B5/FF-300		532,3	467,5	1199,8	
	C180 M	B5/FF-300		553,6	547,7	1301,3	
	C180 L	B5/FF-300		591,6	547,7	1339,3	
	C200 M	B5/FF-350		617,8	553	1370,8	
	C200 L	B5/FF-350		655,8	553	1408,8	
	C225 S/M	B5/FF-400		708,5	583	1491,5	
	C250 S/M	B5/FF-500		784,5	614	1598,5	
	C280 S/M	B5/FF-500		897	614	1711	
GK 09	C132 S	B5/FF-265	BS/BR	371.7	618	1214.7	225
	C132 M	B5/FF-265		409.8	618	1252.8	
	C160 M	B5/FF-300		488.25	652.7	1365.95	
	C160 L	B5/FF-300		532.65	652.7	1410.35	
	C180 M	B5/FF-300		553.6	652.7	1431.3	
	C180 L	B5/FF-300		591.7	652.7	1469.4	
	C200 M	B5/FF-350		618.25	660	1503.25	
	C200 L	B5/FF-350		656.25	660	1541.25	
	C225 S/M	B5/FF-400		745.95	690	1660.95	
	C250 S/M	B5/FF-500		823.5	721	1769.5	
	C280 S/M	B5/FF-500		930.1	721	1876.1	

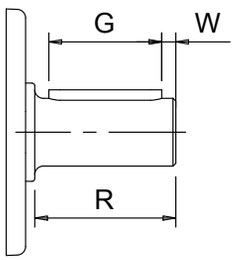
Obter o Tipo (BR ou BS) na tabela de potência, conforme redução desejada

REDUTOR COM EIXO DE ENTRADA MACIÇO







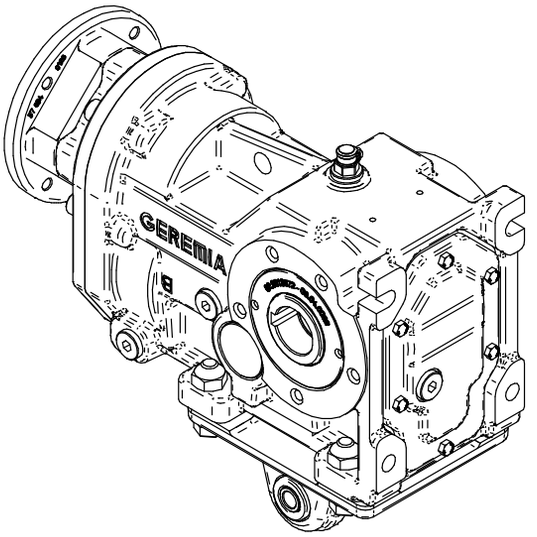


DETALHE B

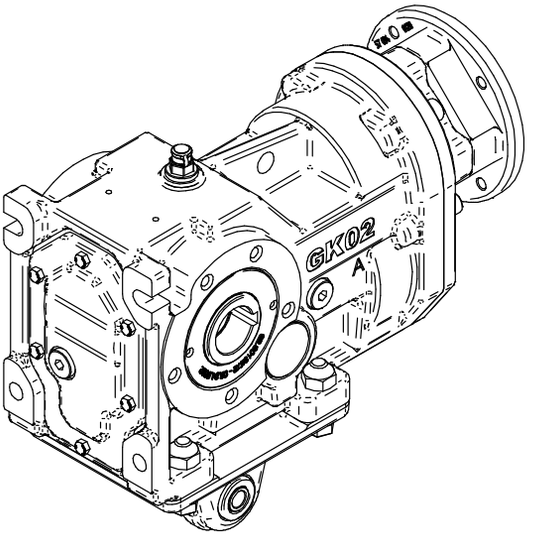
MODELO	REDUÇÃO	AG	C	CD	ØE^{j6}	G	O	P	R	S	W
GK 02	1 x 5,87 a 1 x 116,58	109,8	6	9,8	19	30	21,5	290	40	M6	5
GK 03	1 x 7,77 a 29,37	107,3	8	4,7	24	40	27	325	50	M8	5
	1 x 30,94 a 1 x 145,38	107,3	6	4,7	19	30	21,5	292,8	40	M6	5
GK 04	1 x 8 a 1 x 54,52	136,0	8	4	24	40	27	338	50	M8	5
	1 x 59,03 a 199,23	117,4	6	22,6	19	30	21,5	302	40	M6	5
GK 05	1 x 7,77 a 1 x 27,99	154,5	10	25,5	38	70	41	426	80	M12	5
	1 x 29,92 a 1 x 194,34	150,5	8	29,5	24	40	27	353	50	M8	5
GK 06	1 x 6,62 a 1 x 197,34	195,4	12	16,6	42	100	45	544,6	110	M10	5
GK 07	1 x 8,42 a 1 x 22,86	242,48	12	22,52	42	70	45	596,5	110	M16	10
	1 x 27,51 a 1 x 188,42	210,48	10	54,52	38	70	41	563,5	80	M10	5
GK 08	8,44 a 155,72	258.70	12	56.3	42	100	45	613.5	110	M16	5
GK09	7,78 a 145,80	321.70	16	53.3	55	90	59	730	110	M20	10

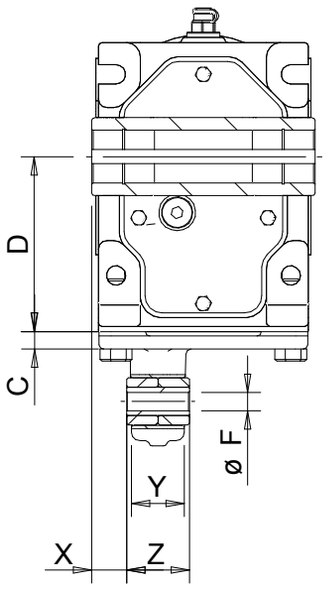
REDUTOR COM EIXO VAZADO E BRAÇO DE TORÇÃO
LADOS DIREITO/ESQUERDO

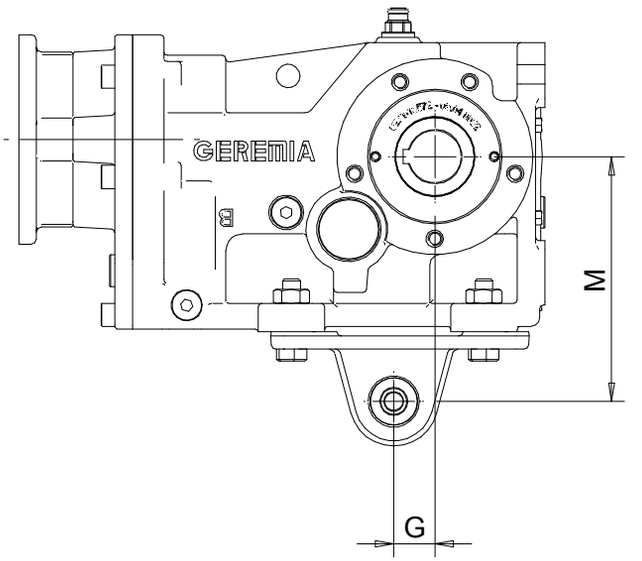
LADO DIREITO



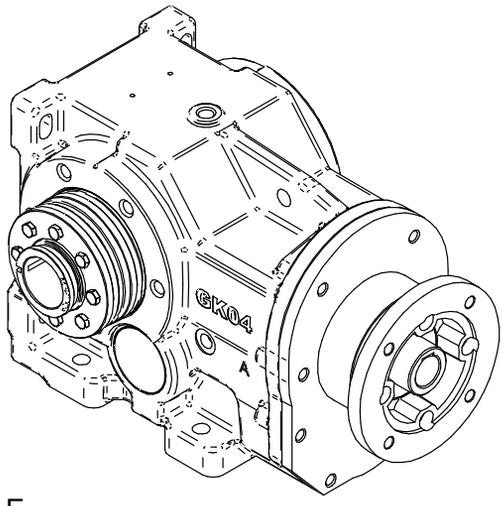
LADO ESQUERDO

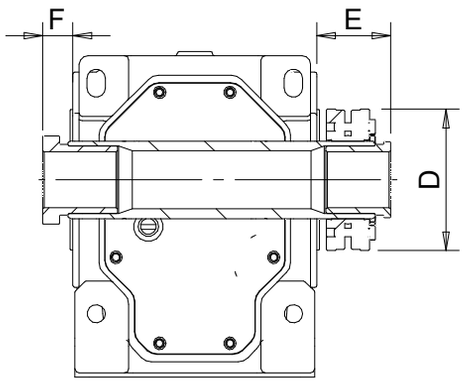


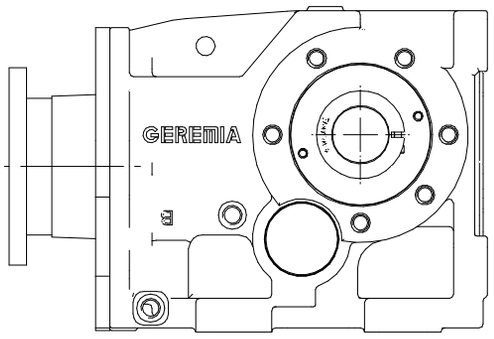


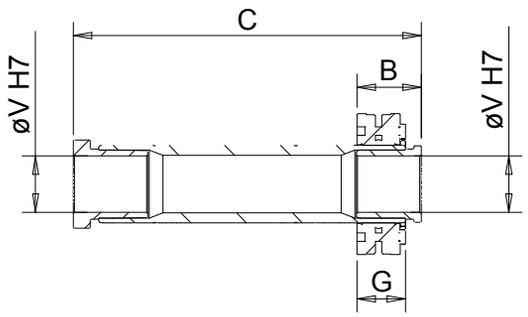


MODELO	C	D	ØF	G	M	X	Y	Z
GK02	10	100	10.4	23.5	140	20	31.9	36
GK03	12	112	10.4	30	160	20	31.8	36
GK04	13	140	16.4	40	192	18	49.5	60
GK05	14	180	16.4	52.5	250	25	48.5	60
GK06	16	212	25	60	300	30	62.5	80
GK07	17	265	25	70	350	40	85	100
GK08	21	315	25	74	450	45	81.5	100
GK09	42	375	40	60	550	11.9	96.5	126

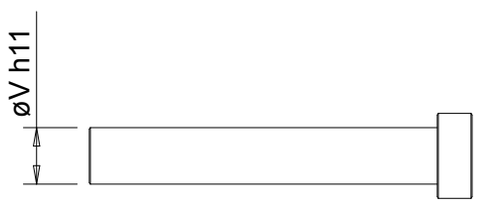








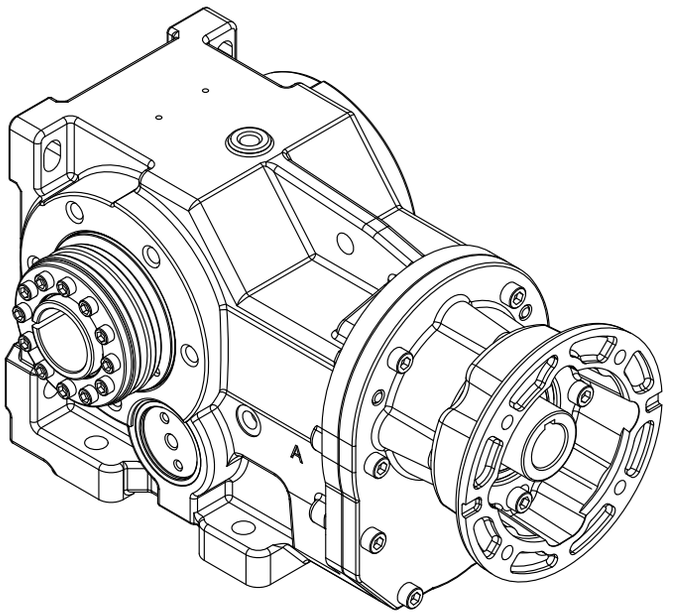
EIXO DO REDUTOR

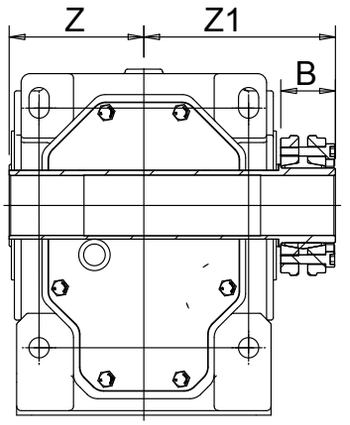


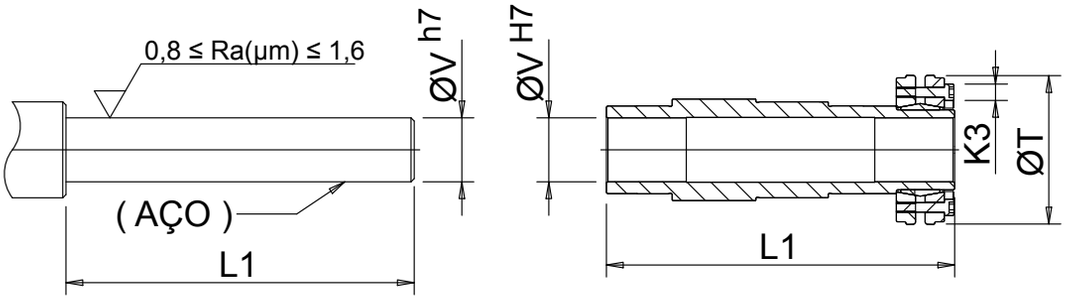
EIXO DO CLIENTE

REDUTOR	ØV	B	C	D	E	F	G
GK02	30	41	191	80	47.5	20.5	30
GK03	35	42.5	216	90	51	21	31.5
GK04	40	45.5	247	100	52.5	21.5	34.5
GK05	50	45.5	275	115	51	22	34.5
GK06	65	48.8	310	145	56	22	37.8
GK07	75	63.5	380.5	170	66.5	22	52.5
GK08	95	71.2	444	215	79	32	60.4
GK09	105	82	520	230	94	36	68

REDUTOR COM DISCOS DE CONTRAÇÃO



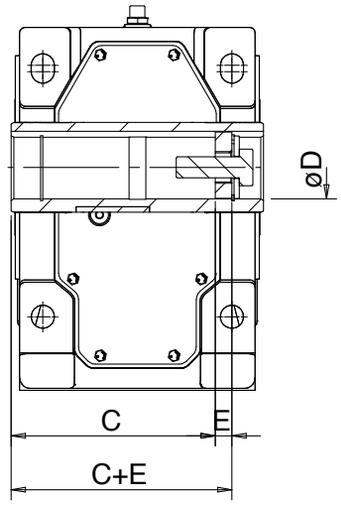


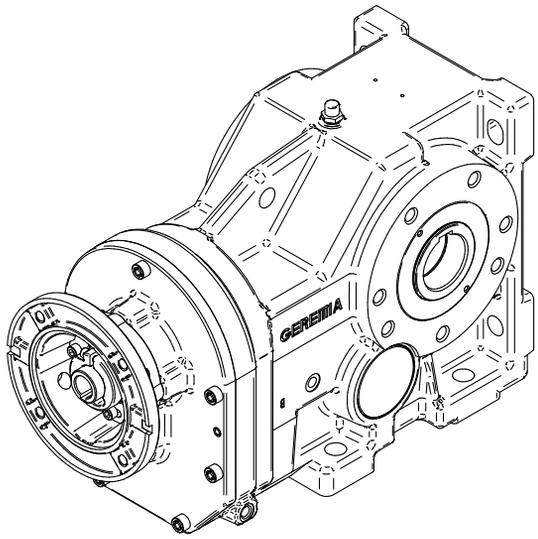


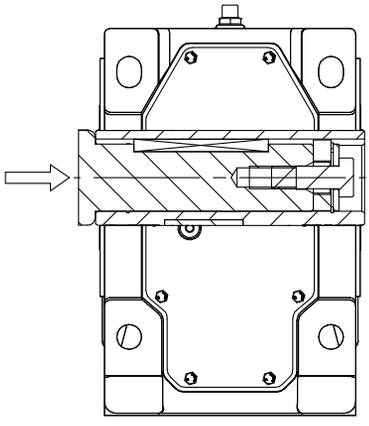
MODELO	B	K3	L1	ØT	ØV	Z	Z1	Mp (Nm)
GK02	27.5	M6 (5x)	162	72	30	64	98	12
GK03	30	M6 (7x)	187	80	35	75	112	12
GK04	31.5	M6 (9x)	218	90	40	90	128	12
GK05	34.5	M6 (12x)	246	110	50	105	141	12
GK06	37.8	M8 (7x)	281	145	65	120	161	30
GK07	44.5	M8 (10x)	345	155	75	150	195	30
GK08	62.4	M10 (10x)	415	185	95	175	240	59
GK09	68	M12 (10x)	485	230	105	205	280	100

Mp - Torque aplicado por parafuso

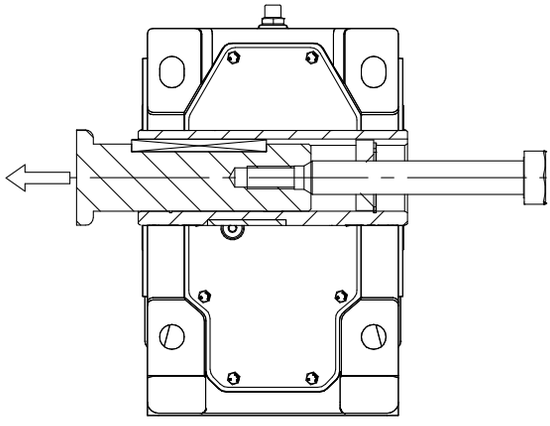
KIT FIXAÇÃO/EXTRAÇÃO







FIXAÇÃO

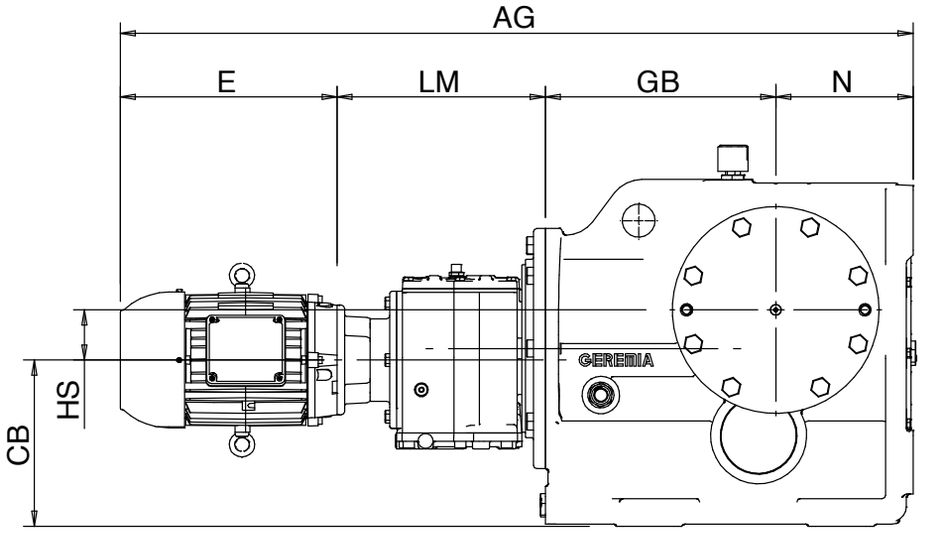


EXTRAÇÃO

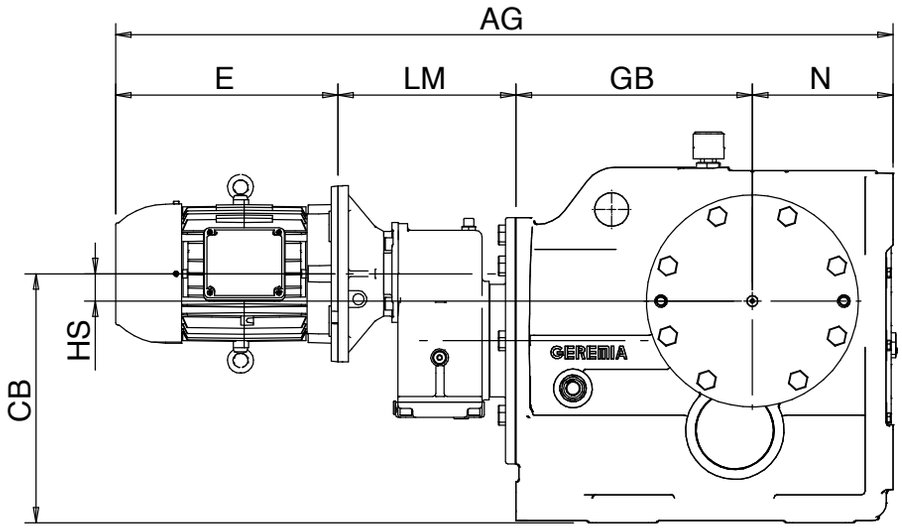
REDUTOR	ø D^{H7}	C	E	C+E	Kit
GK 02	30	99	9,5	108.5	KF30
GK 03	35	119	12,7	131.7	KF35
GK 04	40	143	12,7	155.7	KF40
GK 05	50	170	12,7	182.7	KF50
GK 06	60	194	15,9	209.9	KF60
GK 07	70	251	15,9	266.9	KF70
GK 08	90	293.5	19	312.5	KF90
GK09	100	354	19	373	KF100

Para o projeto do eixo o cliente deverá levar em conta as dimensões (øD e E) da tabela a cima, já para a fixação do kit, o cliente deverá fazer a furação do eixo com o auxílio da norma DIN332 (página J) e da 'tabela 2' (página K) ambas encontradas na linha Geral do Catálogo GEREMIA.

REDUTOR GK + GC

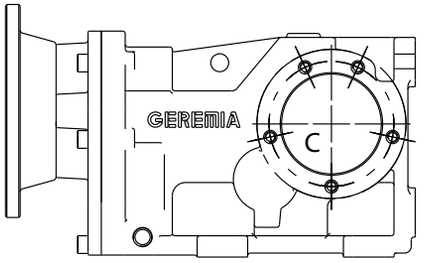


MODELO	IEC ABNT	E	LM	AG	GB	N	HS	CB
GK03 GC15	C63B14	193,3	190,5	630,8	176	71	10,27	101,73
	C71B14	219	191,5	657,5	176	71	10,27	101,73
	C80B14	237	202	686	176	71	10,27	101,73
GK04 GC15	C63B14	193,3	183,5	644,8	178	90	9,55	130,45
	C71B14	219	184,5	671,5	178	90	9,55	130,45
	C80B14	237	195	700	178	90	9,55	130,45
GK05 GC25	C63B14	193,3	230,25	750,55	215	112	35,26	144,74
	C71B14	219	231,25	777,25	215	112	35,26	144,74
	C80B14	237	239,25	803,25	215	112	35,26	144,74
	C90B14	280	240,25	847,25	215	112	35,26	144,74
GK06 GC35	C71B14	219	250	891	290	132	38,58	173,42
	C80B14	237	260	919	290	132	38,58	173,42
	C90B14	280	260	962	290	132	38,58	173,42
	C100B14	316,1	290	1028,1	290	132	38,58	173,42
	C112B14	334,1	290	1046,1	290	132	38,58	173,42
GK07 GC35	C71B14	219	242	976,5	355,5	160	76,52	188,48
	C80B14	237	252	1004,5	355,5	160	76,52	188,48
	C90B14	280	252	1047,5	355,5	160	76,52	188,48
	C100B14	316,1	282	1113,6	355,5	160	76,52	188,48
	C112B14	334,1	282	1131,6	355,5	160	76,52	188,48
GK08 GC45	C80B14	237	283,5	1056,5	336	200	73,05	241,95
	C90B14	280	283,5	1099,5	336	200	73,05	241,95
	C100B14	316,1	303,5	1155,6	336	200	73,05	241,95
	C112B14	334,1	303,5	1173,6	336	200	73,05	241,95
	C132B14	434,5	313,5	1284	336	200	73,05	241,95
GK09GC45	C80B14	237	270.5	1162.5	430	225	70.05	304.5
	C90B14	280	270.5	1205.5	430	225	70.05	304.5
	C100B14	316.1	290.5	1261.6	430	225	70.05	304.5
	C112B14	334.1	290.5	1279.6	430	225	70.05	304.5
	C132B14	434.5	300.5	1390	430	225	70.05	304.5

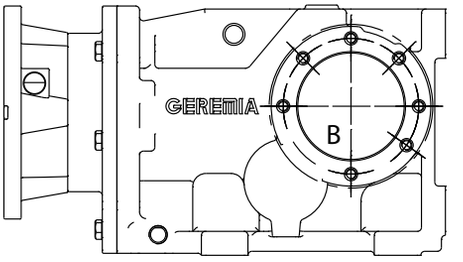


MODELO	IEC ABNT	E	LM	AG	GB	N	HS	CB
GK03 GA56	C63B5	193,3	138	578,3	176	71	40,4	152,4
	C71B5	219	140,5	606,5	176	71	40,4	152,4
	C80B5	237	155	639	176	71	40,4	152,4
GK04 GA71	C71B5	219	219	645	178	90	47,4	187,4
	C80B5	237	237	663	178	90	47,4	187,4
	C90B5	280	280	706	178	90	47,4	187,4
	C100B5	316,1	316,1	749,1	178	90	47,4	187,4
GK05 GA90	C80B5	237	237	754	215	112	33,55	213,55
	C90B5	280	280	797	215	112	33,55	213,55
	C100/112B5	334,1	334,1	858,1	215	112	33,55	213,55
GK06 GA90	C80B5	237	189,45	848,45	290	132	46,42	258,42
	C90B5	280	189,45	891,45	290	132	46,42	258,42
	C100/112B5	334,1	196,45	952,55	290	132	46,42	258,42
GK07 GA112	C90B5	280	244	1010,5	326,5	160	40,48	305,48
	C100/112B5	334,1	251	1071,6	326,5	160	40,48	305,48
	C132B5	434,5	265	1186	326,5	160	40,48	305,48
GK08 GA112	C90B14	280	246,1	1062,1	336	200	38,7	353,7
	C100/112B5	334,1	253,1	1123,2	336	200	38,7	353,7
	C132B5	434,5	267,1	1237,6	336	200	38,7	353,7
GK09GA132	C100/C112 B5	334.1	254	1243.1	430	225	73.7	448.7
	C132B5	434.5	283	1372.5	430	225	73.7	448.7
	C160B5	532.65	302.5	1490.15	430	225	73.7	448.7

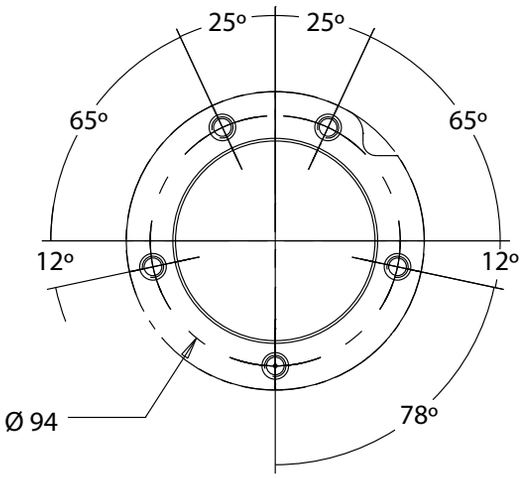
FURAÇÕES DE SAÍDA DA CAIXA



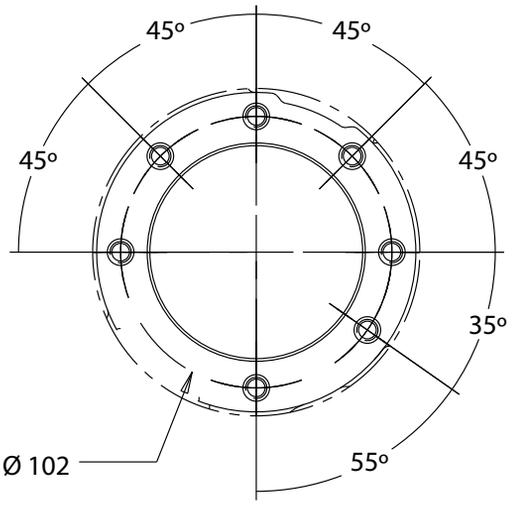
GK 02



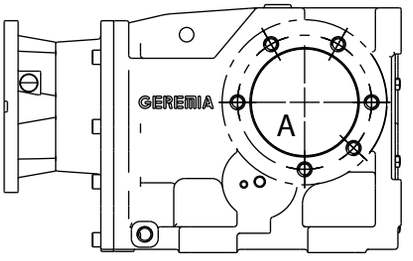
GK 03



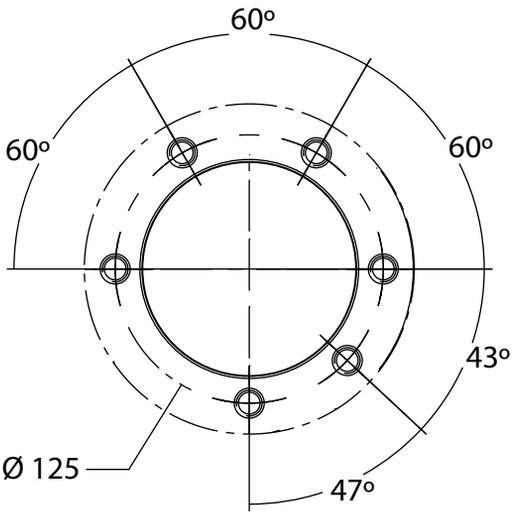
5 ROSCAS M8 x 1,25
PROF. ROSCA 19mm



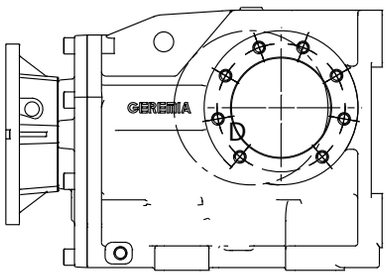
7 ROSCAS M8 x 1,25
PROF. ROSCA 19mm



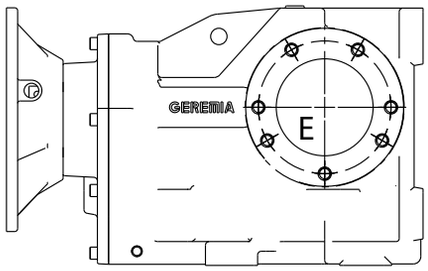
GK 04



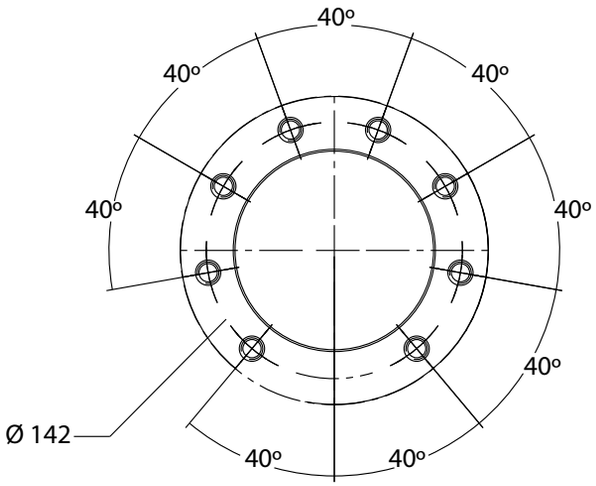
6 ROSCAS M12 x 1,75
PROF. ROSCA 20mm



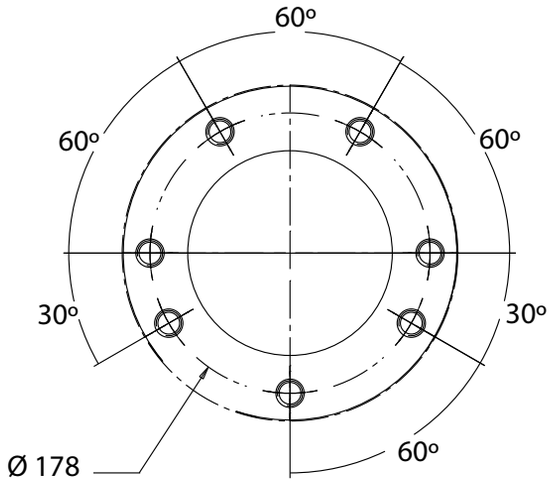
GK 05



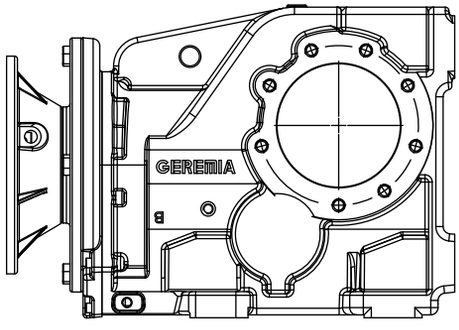
GK 06



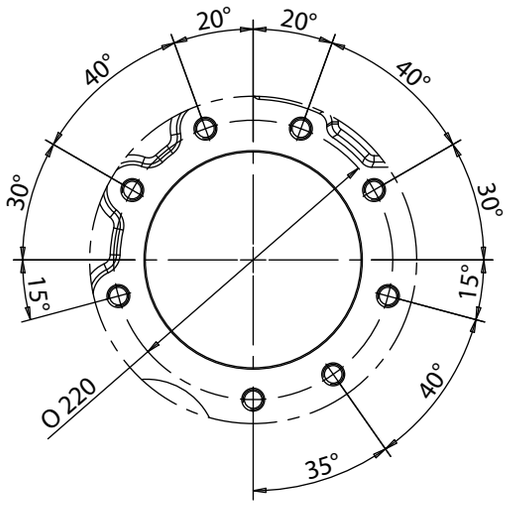
8 ROSCAS M12 x 1,75
PROF. ROSCA 20mm



7 ROSCAS M16 x 2
PROF. ROSCA 26mm

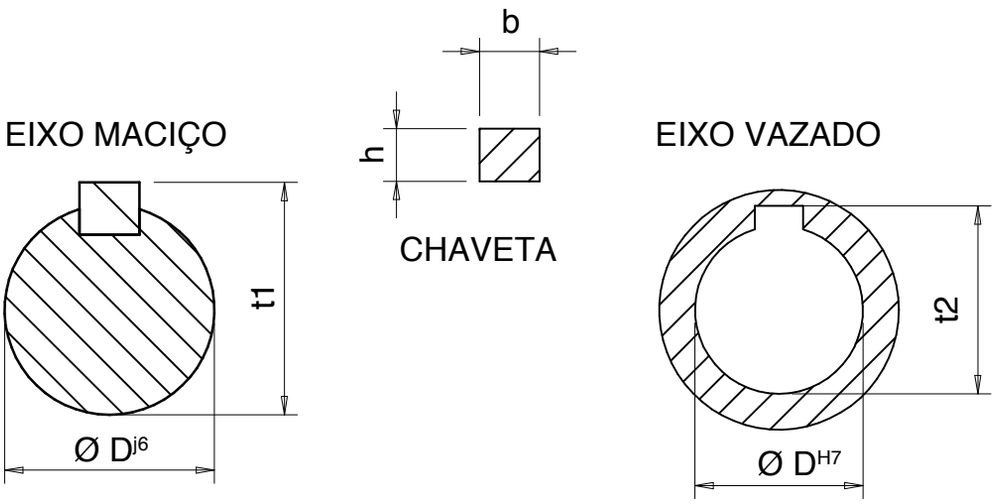


GK07



8 ROSCAS M16 x 2
PROF. ROSCA 26 mm

EIXOS CHAVETADOS



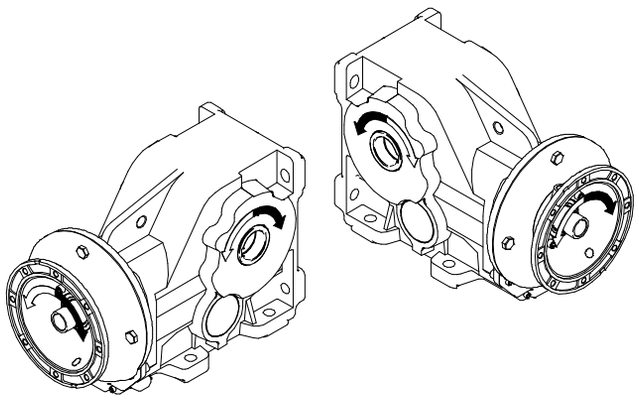
EIXO MACIÇO DE ENTRADA						
REDUTOR	REDUÇÃO	ØDj6	CHAVETA		RASGO	
			b	h	t1	t2
GK02	1X5,87 a 116,58	19	6	6	21.5	21.8
GK03	1x7,77 a 29,37	24	8	7	27	27.3
	1x30,94 a 145,38	19	6	6	21.5	21.8
GK04	1x8 a 54,52	24	8	7	27	27.3
	1x59,03 a 199,23	19	6	6	21.5	21.8
GK05	1x7,77 a 27,99	38	12	8	41	41.3
	1x29,92 a 194,34	24	8	7	27	27.3
GK06	1x6,62 a 197,34	42	12	8	45	45.3
GK07	1x8,42 a 22,86	42	12	8	45	45.3
	1x27,51 a 188,42	38	12	8	41	41.3
GK08	1x8,44 a 155,72	42	12	8	45	45.3
GK09	1x7,78 a 145,80	55	16	10	59	59.3

EIXO VAZADO DE SAÍDA						
REDUTOR	REDUÇÃO	ØDH7	CHAVETA		RASGO	
			b	h	t1	t2
GK02	1X5,87 a 116,58	30	8	7	33	33.3
GK03	1X7,77 a 145,38	35	10	8	38	38.3
GK04	1x8 a 199,23	40	12	8	43	43.3
GK05	1 x 7,77 a 194,34	50	14	9	53.5	53.8
GK06	1x6,62 a 197,34	60	18	11	64.1	64.4
GK07	1x8,42 a 188,42	70	20	12	74.6	74.9
GK08	1x8,44 a 155,72	90	25	14	95.1	95.4
GK09	1x7,78 a 145,80	100	28	16	106.1	106.4

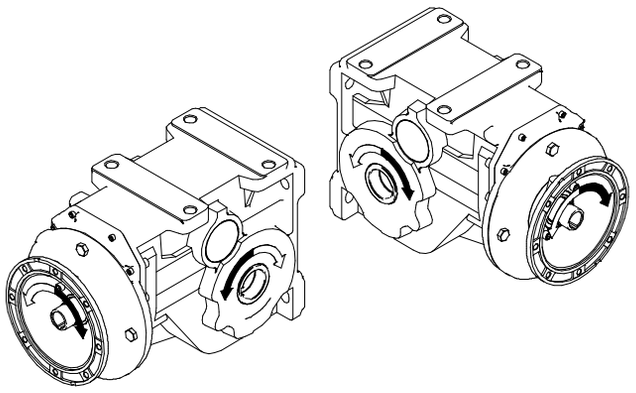
EIXO MACIÇO DE SAÍDA						
REDUTOR	REDUÇÃO	ØDH7	CHAVETA		RASGO	
			b	h	t1	t2
GK02	1X5,87 a 116,58	25	8	7	28	28.3
GK03	1X7,77 a 145,38	30	8	7	33	33.3
GK04	1x8 a 199,23	40	12	8	43	43.3
GK05	1 x 7,77 a 194,34	50	14	9	53.5	53.8
GK06	1x6,62 a 197,34	60	18	11	64.1	64.4
GK07	1x8,42 a 188,42	70	20	12	74.6	74.9
GK08	1x8,44 a 155,72	90	25	14	95.1	95.4
GK09	1x7,78 a 145,80	110	28	16	116.1	116.4

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

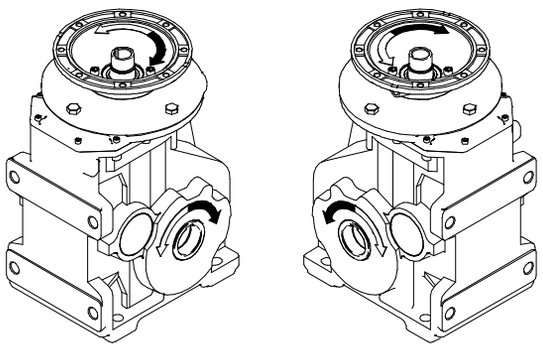
Horizontal Superior



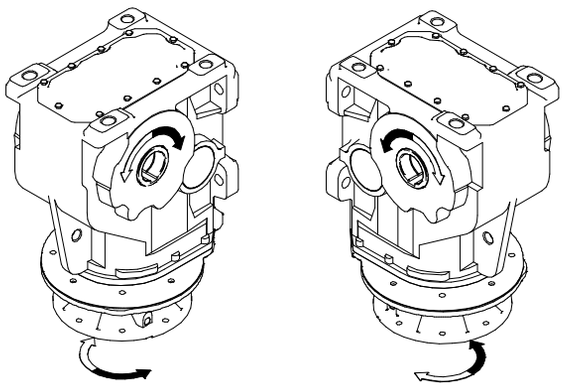
Horizontal Inferior



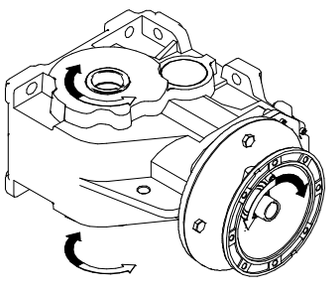
Vertical Superior



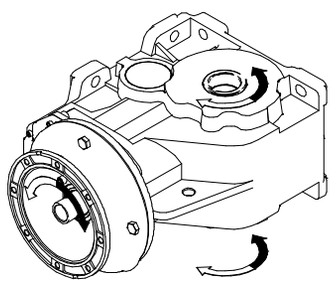
Vertical Inferior



Pendular a direita



Pendular a esquerda



FORÇAS RADIAIS (Fra)

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60 Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe (CV)	Me(Nm)	Fre(N)		
GK 02 BS	5,87	5,00	20,7	1100	289,8	2000
	7,33	5,00	20,7	1100	231,8	
	8,56	4,00	16,5	1100	198,7	
	9,26	4,00	16,5	1100	183,5	2400
	10,93	3,00	12,4	1150	155,6	2500
	13,04	3,00	12,4	1400	130,4	2700
GK 02 BR	15,47	2,00	8,3	1400	109,9	2900
	18,04	2,00	8,3	1400	94,2	3100
	19,54	2,00	8,3	1400	87,0	3500
	23,05	2,00	8,3	1400	73,8	3800
	27,50	1,50	6,2	1600	61,8	4100
	33,31	1,50	6,2	1600	51,0	4500
	34,54	1,50	6,2	1200	49,2	4700
	41,85	1,00	4,1	1200	40,6	5000
	47,19	1,00	4,1	1200	36,0	5200
	51,81	1,00	4,1	1200	32,8	5700
	57,21	0,75	3,1	1200	29,7	6000
	66,76	0,75	3,1	1250	25,5	6300
	73,40	0,50	2,1	1250	23,2	6400
	81,25	0,50	2,1	1250	20,9	
	90,67	0,50	2,1	1300	18,7	
	104,80	0,50	2,1	1300	16,2	
	116,58	0,50	2,1	1300	14,6	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60 Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe (CV)	Me(Nm)	Fre(N)		
GK 03 BS	7,77	7,50	31,0	1800	218,7	4500
	9,07	6,00	24,8	1750	187,4	
	11,58	6,00	24,8	1700	146,7	5500
	13,82	5,00	20,7	1600	123,0	
	16,74	5,00	20,7	1600	101,5	
	18,88	5,00	20,7	1600	90,0	
	20,73	4,00	16,5	1600	82,0	
	22,89	4,00	16,5	1600	74,3	
	26,71	3,00	12,4	1600	63,6	
	29,37	3,00	12,4	1600	57,9	
GK 03 BR	30,94	3,00	12,4	1250	54,9	6000
	37,49	2,00	8,3	1300	45,3	
	42,27	2,00	8,3	1450	40,2	
	46,42	2,00	8,3	1450	36,6	
	52,19	2,00	8,3	1450	32,6	6500
	58,85	1,50	6,2	1500	28,9	
	64,62	1,50	6,2	1500	26,3	
	71,35	1,50	6,2	1500	23,8	
	83,25	1,00	4,1	1400	20,4	
	91,54	1,00	4,1	1400	18,6	
	101,33	1,00	4,1	1400	16,8	
	113,08	0,75	3,1	1400	15,0	
	130,70	0,75	3,1	1400	13,0	
	145,38	0,75	3,1	1400	11,7	
GK03/3R GA56	153.80	0.75	-	-	11.05	
	206.78	0.5			8.22	
	252.02	0.33			6.75	
	290.79	0.33			5.85	
	341.84	0.33			4.97	
	372.86	0.25			4.56	
	409.04	0.25			4.16	
	452.34	0.25			3.76	
GK03/3R GC15/2R	509.85	0.16	-	-	3.33	
	690.14	0.16			2.46	
	845.88	0.16			2.01	
	909.85	0.16			1.87	
	1064.29	0.16			1.60	
	1265.26	0.16			1.34	
	1391.27	0.16			1.22	
	1718.89	0.16			0.99	
GK03/3R GC15/3R	1890.14	0.16	-	-	0.90	
	2210.00	0.16			0.77	
	2399.34	0.16			0.71	
	2556.37	0.16			0.67	
	2805.15	0.16			0.61	
	3372.52	0.16			0.50	
	3943.11	0.16			0.43	
	4690.12	0.16			0.36	
	5156.68	0.16			0.33	
	6029.69	0.16			0.28	
	7448.75	0.16			0.23	

FORÇAS RADIAIS (Fra)

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60 Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe (CV)	Me(Nm)	Fre(N)		
GK 04 BS	8,00	12,50	51,7	1400	212,6	9500
	9,44	10,00	41,3	1400	180,1	
	10,86	10,00	41,3	1400	156,5	11500
	12,14	10,00	41,3	1400	140,1	
	14,42	10,00	41,3	1600	117,9	
	17,30	10,00	41,3	1600	98,3	
	21,04	7,50	31,0	1700	80,8	
	24,43	7,50	31,0	1700	69,6	12000
	27,31	7,50	31,0	1700	62,3	
	32,44	6,00	24,8	1700	52,4	
	38,92	5,00	20,7	1700	43,7	
	47,34	4,00	16,5	1700	35,9	
	54,52	4,00	16,5	1700	31,2	
GK 04 BR	59,03	3,00	12,4	2000	28,8	12500
	71,52	3,00	12,4	2000	23,8	
	80,64	2,00	8,3	2000	21,1	
	88,55	2,00	8,3	2000	19,2	
	97,77	2,00	8,3	2000	17,4	
	114,09	1,50	6,2	2000	14,9	
	125,44	1,50	6,2	2000	13,6	
	138,86	1,50	6,2	2000	12,2	
	154,96	1,00	4,1	2000	11,0	
	179,11	1,00	4,1	2000	9,5	
	199,23	1,00	4,1	2000	8,5	
GK04/3R GA71	202.27	1.00	-	-	8.40	12500
	236.07	0.75			7.20	
	280.78	0.75			6.05	
	309.13	0.5			5.50	
	381.64	0.5			4.45	
	490.68	0.5			3.46	
GK04/3R GC15/2R	582.27	0.33	-	-	2.92	12500
	713.67	0.25			2.38	
	767.64	0.25			2.21	
	897.94	0.16			1.89	
	1067.50	0.16			1.59	
	1173.82	0.16			1.45	
	1450.23	0.16			1.17	
GK04/3R GC15/3R	1594.71	0.16	-	-	1.07	12500
	1864.58	0.16			0.91	
	2024.33	0.16			0.84	
	2366.71	0.16			0.72	
	2845.40	0.16			0.60	
	3326.81	0.16			0.51	
	3957.06	0.16			0.43	
	4627.11	0.16			0.37	
	5374.58	0.16			0.32	
	6284.52	0.16			0.27	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60 Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe (CV)	Me(Nm)	Fre(N)		
GK 05 BS	7,77	25,00	103,3	3330	218,9	16000
	8,71	25,00	103,3	3330	195,2	
	9,79	20,00	82,7	3330	173,6	
	11,03	20,00	82,7	3330	154,1	17000
	12,37	20,00	82,7	3330	137,4	
	13,91	20,00	82,7	3330	122,2	
	15,72	20,00	82,7	3000	108,2	
	17,84	20,00	82,7	3000	95,3	
	19,06	20,00	82,7	3000	89,2	
	22,04	15,00	62,0	3330	77,1	
	25,02	15,00	62,0	3330	68,0	
	27,99	12,50	51,7	3330	60,7	
GK 05 BR	29,92	12,50	51,7	1350	56,8	19000
	31,61	12,50	51,7	1350	53,8	
	35,32	10,00	41,3	1400	48,1	
	41,97	7,50	31,0	2000	40,5	
	50,35	7,50	31,0	1550	33,8	
	61,24	6,00	24,8	1600	27,8	
	70,52	5,00	20,7	1600	24,1	
	82,12	4,00	16,5	1600	20,7	
	91,69	4,00	16,5	1600	18,5	
	106,89	3,00	12,4	1600	15,9	
	116,11	3,00	12,4	1600	14,6	
	126,76	3,00	12,4	1600	13,4	
	139,18	2,00	8,3	1600	12,2	
	147,93	2,00	8,3	1600	11,5	
	176,29	2,00	8,3	1600	9,6	
	194,34	2,00	8,3	1600	8,7	
GK05/3R GA90	242.59	2.00	-	-	7.0	19000
	305.35	1.00			5.6	
	363.18	1.00			4.7	
	399.85	1.00			4.3	
	442.16	1.00			3.8	
	493.64	1.00			3.4	
GK05/3R GC25/2R	519.11	0.75	-	-	3.3	19000
	628.87	0.50			2.7	
	778.91	0.50			2.2	
	859.98	0.50			2.0	
	1003.48	0.33			1.7	
	1103.17	0.33			1.5	
	1220.99	0.33			1.4	
	1362.97	0.25			1.2	
GK05/3R GC25/3R	1573.94	0.50	-	-	1.1	19000
	1856.91	0.50			0.9	
	2214.90	0.50			0.8	
	2683.66	0.17			0.6	
	3026.04	0.17			0.6	
	3322.60	0.17			0.5	
	3669.00	0.17			0.5	
	4281.26	0.17			0.4	
	4707.22	0.17			0.4	
	5210.72	0.17			0.3	
	5814.42	0.17			0.3	
	6720.72	0.17			0.3	
	7475.97	0.17			0.2	

FORÇAS RADIAIS (Fra)

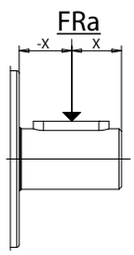
MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60 Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe (CV)	Me(Nm)	Fre(N)		
GK 06 BS	6,62	30,00	124,0	5500	256,6	15000
	7,77	30,00	124,0	5500	218,7	
	9,58	30,00	124,0	5500	177,5	
	10,31	30,00	124,0	6000	164,9	20000
	12,10	30,00	124,0	6000	140,5	
	14,91	30,00	124,0	6000	114,1	
	15,57	30,00	124,0	6000	109,2	
	18,65	25,00	103,3	6000	91,2	
	21,56	25,00	103,3	6000	78,8	
	25,20	20,00	82,7	6000	67,5	
	28,18	20,00	82,7	6000	60,3	
GK 06 BR	32,39	20,00	82,7	6500	52,5	27500
	38,01	15,00	62,0	6500	44,7	
	46,83	15,00	62,0	6500	36,3	
	48,91	12,50	51,7	6500	34,8	
	58,59	10,00	41,3	6500	29,0	
	67,74	10,00	41,3	6500	25,1	
	79,18	7,50	31,0	6500	21,5	
	88,54	7,50	31,0	6500	19,2	
	99,77	6,00	24,8	6500	17,0	
	113,49	6,00	24,8	6500	15,0	
	130,65	5,00	20,7	6500	13,0	
	140,94	5,00	20,7	6500	12,1	
	166,28	4,00	16,5	7000	10,2	
	181,55	3,00	12,4	7000	9,4	
	197,34	3,00	12,4	7000	8,6	
GK06 BR GA90	209.04	3.00	-	-	8.13	27500
	222.50	3.00			7.64	
	272.38	2.00			6.24	
	342.85	2.00			4.96	
	407.78	1.50			4.17	
	448.95	1.50			3.79	
	496.46	1.50			3.42	
	554.26	1.00			3.07	
GK06 BR GC35/2R	665.00	1.00	-	-	2.56	27500
	793.31	1.00			2.14	
	960.88	0.75			1.77	
	1083.33	0.75			1.57	
	1189.96	0.50			1.43	
	1313.59	0.50			1.29	
	1533.30	0.50			1.11	
	1685.63	0.50			1.01	
GK06 BR GC35/2R	2119.20	1.00	-	-	0.80	27500
	2706.86	1.00			0.63	
	3229.48	0.50			0.53	
	3912.64	0.50			0.43	
	4844.22	0.50			0.35	
	6862.65	0.50			0.25	
	8477.39	0.50			0.20	
	10899.50	0.50			0.16	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60 Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe (CV)	Me(Nm)	Fre(N)		
GK 07 BS	8,42	75,00	310,0	7000	201,8	20000
	10,06	60,00	248,0	7000	168,9	
	11,04	50,00	206,6	7000	153,9	
	12,77	50,00	206,6	7000	133,1	
	14,92	40,00	165,3	7000	113,9	
	15,42	40,00	165,3	7000	110,2	25000
	16,92	50,00	206,6	7000	100,5	
	19,58	50,00	206,6	7000	86,8	
	22,86	40,00	165,3	7000	74,4	
GK 07 BR	27,51	30,00	124,0	5000	61,8	33000
	30,93	30,00	124,0	5000	55,0	
	36,29	30,00	124,0	5000	46,8	
	44,71	25,00	103,3	5000	38,0	42000
	46,69	20,00	82,7	5000	36,4	
	55,94	15,00	62,0	5000	30,4	
	64,68	15,00	62,0	5000	26,3	
	75,60	12,50	51,7	5000	22,5	
	84,53	12,50	51,7	5000	20,1	
	95,26	10,00	41,3	5000	17,8	
	108,36	10,00	41,3	5000	15,7	
	124,74	7,50	31,0	5000	13,6	
	134,57	7,50	31,0	5000	12,6	
	158,76	6,00	24,8	5000	10,7	
	173,34	6,00	24,8	5000	9,8	
	188,42	6,00	24,8	5000	9,0	
GK07 BR GA112	195.80	5.00	-	-	8.68	42000
	266.11	4.00			6.39	
	281.99	4.00			6.03	
	298.62	3.00			5.69	
	361.37	3.00			4.70	
	415.80	2.00			4.09	
	448.31	2.00			3.79	
	529.20	2.00			3.21	
GK07 BR GC35/2R	634.92	1.50	-	-	2.68	42000
	757.43	1.50			2.24	
	917.42	1.00			1.85	
	1136.14	1.00			1.50	
	1254.17	0.75			1.36	
	1609.39	0.75			1.06	
GK07 BR GC35/3R	2023.35	1.00	-	-	0.84	42000
	2584.43	1.00			0.66	
	3083.41	0.50			0.55	
	3735.67	0.50			0.46	
	4212.28	0.50			0.40	
	5106.76	0.50			0.33	
	6552.25	0.50			0.26	
	8093.96	0.50			0.21	
	10406.52	0.50			0.16	

FORÇAS RADIAIS (Fra)

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe (CV)	Me(Nm)	Fre(N)		
GK08 BS	8,44	125,00	516,6	8000	201,3	27000
	10,09	100,00	413,3	8000	168,5	27000
	11,07	100,00	413,3	8000	153,6	28000
	12,80	75,00	310,0	8000	132,8	30000
	14,29	100,00	413,3	8000	119,0	30000
	17,07	100,00	413,3	8000	99,6	33000
	18,73	75,00	310,0	8000	90,7	33000
	21,67	75,00	310,0	8000	78,5	33000
	25,31	60,00	248,0	8000	67,2	34000
GK08 BR	28,06	60,00	248,0	7000	60,6	36000
	33,28	50,00	206,6	7000	51,1	38000
	39,76	40,00	165,3	7000	42,8	40000
	43,63	40,00	165,3	7000	39,0	42000
	50,46	40,00	165,3	7000	33,7	46000
	58,94	30,00	124,0	7000	28,8	50000
	69,73	25,00	103,3	7000	24,4	53000
	78,73	15,00	62,0	7000	21,6	57000
	89,72	15,00	62,0	7000	18,9	60000
	102,95	15,00	62,0	7000	16,5	65000
	116,63	15,00	62,0	7000	14,6	66000
	133,73	15,00	62,0	7000	12,7	67000
	143,99	12,50	51,7	7000	11,8	68000
	155,72	12,50	51,7	7000	10,9	70000
GK08 BR GA112	180.60	10.00	-	-	9.41	70000
	245.45	7.50			6.93	
	260.09	7.50			6.54	
	275.43	7.50			6.17	
	333.31	6.00			5.10	
	383.52	5.00			4.43	
	413.50	5.00			4.11	
	488.11	4.00			3.48	
GK08 BR GC45/2R	530.98	4.00	-	-	3.20	70000
	646.16	3.00			2.63	
	743.89	2.00			2.29	
	860.34	2.00			1.98	
	1002.14	2.00			1.70	
	1118.70	1.50			1.52	
	1304.39	1.50			1.30	
	1416.92	1.50			1.20	
	1697.98	1.00			1.00	
GK08 BR GC45/3R	2088.54	2.00	-	-	0.81	70000
	2481.62	2.00			0.69	
	2977.14	1.00			0.57	
	3477.46	1.00			0.49	
	4229.53	1.00			0.40	
	5671.21	1.00			0.30	
	7382.24	1.00			0.23	
	9612.52	1.00			0.18	
GK09 BS	7.78	150.00	619.9	18000	218.5	40000
	8.80	150.00	619.9	18000	193.2	
	9.99	150.00	619.9	18000	170.2	
	11.92	150.00	619.9	18000	142.6	
	13.78	150.00	619.9	20000	123.4	
	15.64	150.00	619.9	20000	108.7	
	18.66	150.00	619.9	20000	91.1	
	21.47	150.00	619.9	20000	79.2	50000
	24.93	125.00	516.6	20000	68.2	
GK09 BR	27.77	100.00	413.3	22500	61.2	50000
	31.40	100.00	413.3	22500	54.1	
	35.64	75.00	310.0	22500	47.7	
	42.53	75.00	310.0	22500	40.0	60000
	48.94	60.00	248.0	22500	34.7	
	56.83	50.00	206.6	22500	29.9	
	63.18	50.00	206.6	22500	26.9	70000
	75.91	40.00	165.3	22500	22.4	
	84.92	30.00	124.0	22500	20.0	80000
	97.20	30.00	124.0	22500	17.5	
	112.75	25.00	103.3	22500	15.1	
	127.44	25.00	103.3	22500	13.3	
	136.08	20.00	82.7	22500	12.5	
	145.80	20.00	82.7	22500	11.7	

MOD.	RED	ENTRADA MACIÇA			SAÍDA	
		MOTOR 4P 60Hz 1700 RPM			RPM SAÍDA	FRa (N)
		Pe (CV)	Me(Nm)	Fre(N)		
GK09 BR GA132	165.94	15.00	-	-	10.24	80000
	196.06	15.00			8.67	
	221.64	15.00			7.67	
	252.33	12.50			6.74	
	289.83	10.00			5.87	
	328.48	10.00			5.18	
	376.78	7.50			4.51	
	405.20	7.50			4.20	
GK09 BR GC45/2R	434.18	7.50	-	-	3.92	80000
	485.33	6.00			3.50	
	576.82	6.00			2.95	
	691.62	5.00			2.46	
	841.65	4.00			2.02	
	968.95	3.00			1.75	
	1128.64	3.00			1.51	
	1259.92	2.00			1.35	
	1469.06	2.00			1.16	
	1595.79	2.00			1.07	
	1741.84	2.00			0.98	
	1912.33	1.50			0.89	
GK09 BR GC45/3R	1992.46	2.00	-	-	0.85	80000
	2104.98	2.00			0.81	
	2352.19	2.00			0.72	
	2794.9	2.00			0.61	
	3352.97	1.00			0.51	
	4078.12	1.00			0.42	
	4695.86	1.00			0.36	
	5468.18	1.00			0.31	
	6106.38	1.00			0.28	
	7117.96	1.00			0.24	
	7732.86	1.00			0.22	
	8441.53	1.00			0.20	
	9268.40	1.00			0.18	



GK 02 > $Fx=\frac{FRa \cdot 126}{(126 \pm X)}$

GK 03 > $Fx=\frac{FRa \cdot 152}{(152 \pm X)}$

GK03 + GA56 > $Fx=\frac{FRa \cdot 152}{(152 \pm X)}$

GK03 + GA71 > $Fx=\frac{FRa \cdot 152}{(152 \pm X)}$

GK 04 > $Fx=\frac{FRa \cdot 191}{(191 \pm X)}$

GK04 + GA71 > $Fx=\frac{FRa \cdot 191}{(191 \pm X)}$

GK04 + GC15 > $Fx=\frac{FRa \cdot 191}{(191 \pm X)}$

GK 05 $Fx=\frac{FRa \cdot 231}{(231 \pm X)}$

GK05 + GA90 > $Fx=\frac{FRa \cdot 231}{(231 \pm X)}$

GK05 + GC25 > $Fx=\frac{FRa \cdot 231}{(231 \pm X)}$

GK 06 > $Fx=\frac{FRa \cdot 259}{(259 \pm X)}$

GK06 + GA90 > $Fx=\frac{FRa \cdot 259}{(259 \pm X)}$

GK06 + GC35 > $Fx=\frac{FRa \cdot 259}{(259 \pm X)}$

GK 07 > $Fx=\frac{FRa \cdot 317}{(317 \pm X)}$

GK07 + GA112 > $Fx=\frac{FRa \cdot 317}{(317 \pm X)}$

GK07 + GC45 > $Fx=\frac{FRa \cdot 317}{(317 \pm X)}$

GK 08 > $Fx=\frac{FRa \cdot 387}{(387 \pm X)}$

GK08 + GA112 > $Fx=\frac{FRa \cdot 387}{(387 \pm X)}$

GK08 + GC45 > $Fx=\frac{FRa \cdot 387}{(387 \pm X)}$

GK 09 > $Fx=\frac{FRa \cdot 460}{(460 \pm X)}$

GK09 + GA132 > $Fx=\frac{FRa \cdot 460}{(460 \pm X)}$

GK09 + GC45 > $Fx=\frac{FRa \cdot 460}{(460 \pm X)}$

- 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.

NOTAS