REDUTOR **GD**

Esta classe de redutores de eixo vazado tem baixo custo de instalação, sendo que o movimento é transmitido diretamente pelo eixo do motor sem recorrer à órgãos auxiliares como polias, juntas e demais. A transmissão deste redutor é feita por engrenagens cilíndricas de dentes helicoidais o que proporciona um funcionamento silencioso e constante. Sua característica principal é o alto rendimento.

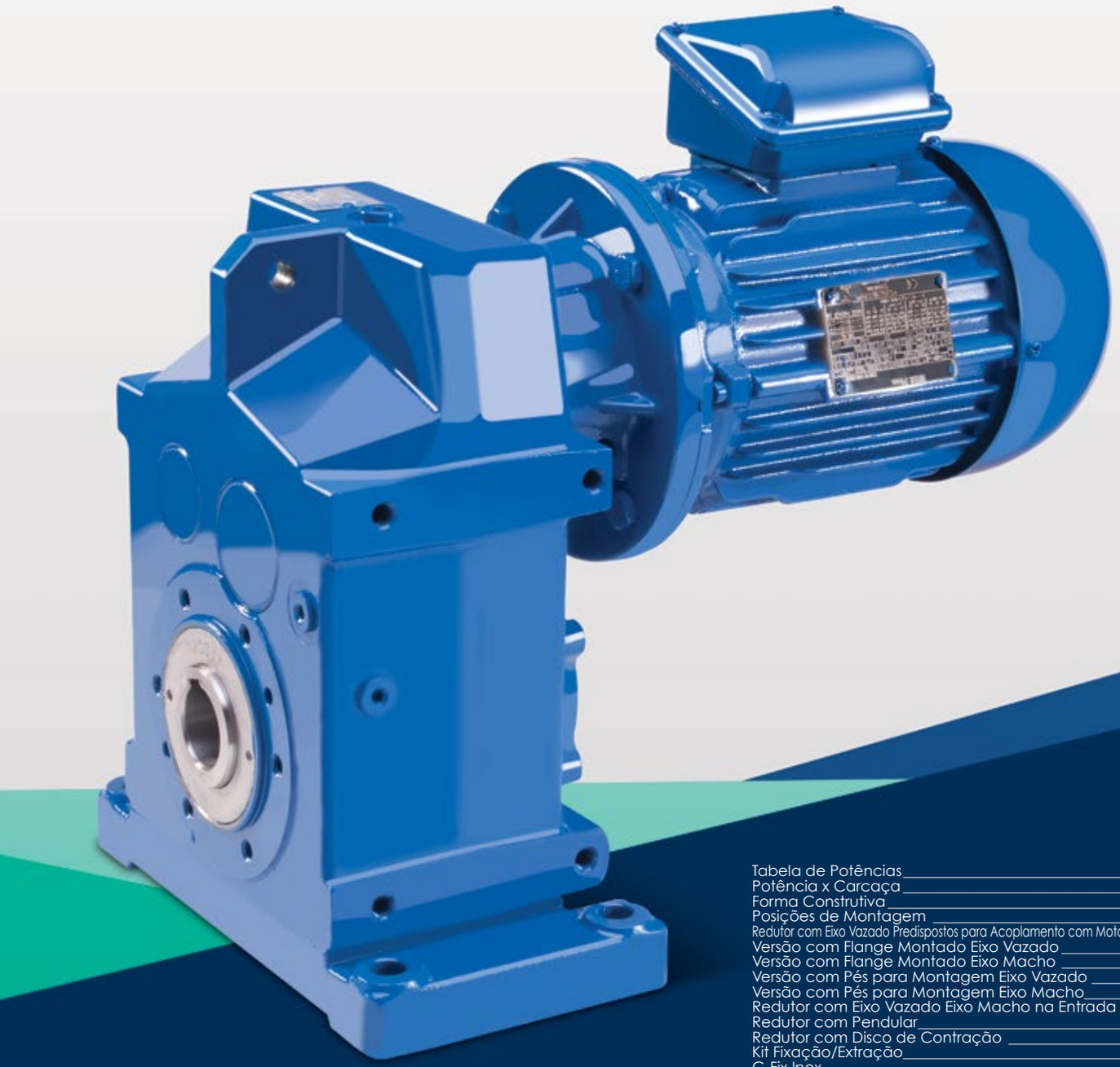


TABELA DE POTÊNCIA

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	
GD 20/2R	9.09	160	3.00	2.20	108	187.1	1.48	2.00	1.50	88	154.1	1.83	1.50	1.10	80	126.6	2.00	96%
	13.62	170	3.00	2.20	162	124.8	1.05	2.00	1.50	131	102.8	1.30	1.50	1.10	120	84.4	1.42	96%
	14.52	180	3.00	2.20	173	117.1	1.04	2.00	1.50	140	96.4	1.29	1.50	1.10	128	79.2	1.41	96%
	17.80	190	2.00	1.50	141	95.5	1.35	2.00	1.50	171	78.7	1.11	1.50	1.10	157	64.6	1.21	96%
	19.15	200	2.00	1.50	152	88.8	1.32	2.00	1.50	184	73.1	1.08	1.50	1.10	168	60.1	1.19	96%
	22.39	200	2.00	1.50	178	75.9	1.13	1.50	1.10	162	62.5	1.24	1.50	1.10	197	51.4	1.02	96%
	26.63	230	2.00	1.50	211	63.8	1.09	1.50	1.10	192	52.6	1.20	1.00	0.75	156	43.2	1.47	96%
	29.28	235	2.00	1.50	232	58.1	1.01	1.50	1.10	212	47.8	1.11	1.00	0.75	172	39.3	1.37	96%
	36.17	245	1.50	1.10	215	47.0	1.14	1.00	0.75	174	38.7	1.41	1.00	0.75	212	31.8	1.15	96%
GD 20/3R	42.83	230	1.00	0.75	170	39.7	1.35	1.00	0.75	206	32.7	1.11	0.75	0.55	188	26.8	1.22	94%
	50.59	270	1.00	0.75	201	33.6	1.35	1.00	0.75	244	27.7	1.11	0.75	0.55	223	22.7	1.21	94%
	64.21	265	1.00	0.75	255	26.5	1.04	0.75	0.55	232	21.8	1.14	0.50	0.37	188	17.9	1.41	94%
	68.43	265	0.75	0.55	204	24.8	1.30	0.75	0.55	247	20.5	1.07	0.50	0.37	201	16.8	1.32	94%
	83.90	260	0.75	0.55	250	20.3	1.04	0.50	0.37	202	16.7	1.29	0.50	0.37	246	13.7	1.06	94%
	90.26	275	0.75	0.55	263	18.8	1.05	0.50	0.37	213	15.5	1.29	0.50	0.37	259	12.7	1.06	94%
	105.55	270	0.50	0.37	205	16.1	1.32	0.50	0.37	249	13.3	1.08	0.33	0.25	202	10.9	1.34	94%
	125.53	270	0.50	0.37	244	13.5	1.11	0.33	0.25	197	11.2	1.37	0.33	0.25	240	9.2	1.12	94%
	138.02	265	0.33	0.25	179	12.3	1.48	0.33	0.25	217	10.1	1.22	0.33	0.25	264	8.3	1.00	94%
	170.50	275	0.33	0.25	221	10.0	1.25	0.33	0.25	268	8.2	1.03	0.25	0.18	245	6.7	1.12	94%
GD 30/2R	5.69	375	7.50	5.50	169	298.8	2.21	5.50	4.00	151	246.1	2.49	4.00	3.00	133	202.1	2.81	96%
	6.35	375	7.50	5.50	189	267.7	1.98	5.50	4.00	168	220.4	2.23	4.00	3.00	149	181.1	2.52	96%
	7.55	375	7.50	5.50	225	225.2	1.67	5.50	4.00	200	185.5	1.87	4.00	3.00	177	152.3	2.12	96%
	8.79	375	7.50	5.50	262	193.3	1.43	5.50	4.00	233	159.2	1.61	4.00	3.00	206	130.8	1.82	96%
	9.81	370	7.50	5.50	292	173.2	1.27	5.50	4.00	260	142.6	1.42	4.00	3.00	230	117.2	1.61	96%
	11.67	385	7.50	5.50	347	145.7	1.11	5.50	4.00	309	120.0	1.25	4.00	3.00	274	98.6	1.41	96%
	13.18	380	6.00	4.50	314	129.0	1.21	5.50	4.00	349	106.2	1.09	4.00	3.00	309	87.2	1.23	96%
	14.05	370	6.00	4.50	334	121.0	1.11	4.00	3.00	271	99.7	1.37	4.00	3.00	330	81.9	1.12	96%
	17.22	360	5.00	3.70	342	98.7	1.05	4.00	3.00	332	81.3	1.08	3.00	2.00	303	66.8	1.19	96%
	18.53	375	5.00	3.70	368	91.7	1.02	4.00	3.00	357	75.6	1.05	3.00	2.00	326	62.1	1.15	96%
	21.67	380	4.00	3.00	344	78.5	1.11	3.00	2.20	313	64.6	1.21	3.00	2.00	381	53.1	1.00	96%
	25.77	375	3.00	2.20	307	66.0	1.22	3.00	2.20	372	54.3	1.01	2.00	1.50	302	44.6	1.24	96%
	28.33	370	3.00	2.20	337	60.0	1.10	2.00	1.50	273	49.4	1.36	2.00	1.50	332	40.6	1.11	96%
	35.00	370	2.00	1.50	278	48.6	1.33	2.00	1.50	337	40.0	1.10	1.50	1.10	308	32.9	1.20	96%
GD 30/3R	46.67	450	2.00	1.50	363	36.4	1.24	2.00	1.50	440	30.0	1.02	1.50	1.10	402	24.6	1.12	94%
	52.73	450	2.00	1.50	410	32.2	1.10	1.50	1.10	373	26.6	1.21	1.00	0.75	303	21.8	1.49	94%
	56.19	450	2.00	1.50	437	30.3	1.03	1.50	1.10	398	24.9	1.13	1.00	0.75	323	20.5	1.39	94%
	68.89	450	1.50	1.10	401	24.7	1.12	1.00	0.75	325	20.3	1.38	1.00	0.75	396	16.7	1.14	94%
	74.12	450	1.50	1.10	432	22.9	1.04	1.00	0.75	350	18.9	1.29	1.00	0.75	426	15.5	1.06	94%
	86.67	450	1.00	0.75	337	19.6	1.34	1.00	0.75	409	16.2	1.10	0.75	0.55	373	13.3	1.21	94%
	94.29	450	1.00	0.75	366	18.0	1.23	1.00	0.75	445	14.8	1.01	0.75	0.55	406	12.2	1.11	94%
	103.08	450	1.00	0.75	400	16.5	1.12	0.75	0.55	365	13.6	1.23	0.75	0.55	444	11.2	1.01	94%
	113.33	450	1.00	0.75	440	15.0	1.02	0.75	0.55	401	12.4	1.12	0.50	0.37	325	10.1	1.38	94%
	140.00	450	0.75	0.55	408	12.1	1.10	0.50	0.37	330	10.0	1.36	0.50	0.37	402	8.2	1.12	94%
	180.00	425	0.50	0.37	350	9.4	1.22	0.50	0.37	425	7.8	1.00	0.33	0.25	341	6.4	1.25	94%
GD30/3R GA56	220.45	500	0.50	0.37	419	7.71	1.19	0.33	0.25	336	6.35	1.49	0.33	0.25	413	5.22	1.21	92%
	268.67	500	0.33	0.25	341	6.33	1.47	0.33	0.25	409	5.21	1.22	0.25	0.18	378	4.28	1.32	92%
	310.01	500	0.33	0.25	393	5.48	1.27	0.33	0.25	472	4.52	1.06	0.25	0.18	436	3.71	1.15	92%
	364.43	500	0.33	0.25	462	4.66	1.08	0.25	0.18	421	3.84	1.19	0.16	0.12	328	3.16	1.53	92%
	397.50	500	0.25	0.18	378	4.28	1.32	0.25	0.18	459	3.52	1.09	0.16	0.12	357	2.89	1.40	92%
	436.07	500	0.25	0.18	415	3.90	1.21	0.16	0.12	322	3.21	1.55	0.16	0.12	392	2.64	1.27	92%
	482.23	500	0.25	0.18	458	3.53	1.09	0.16	0.12	356	2.90	1.40	0.16	0.12	424	2.38	1.18	92%
GD30/3R GC15/2R	600.11	500	0.16	0.12	357	2.83	1.40	0.16	0.12	434	2.33	1.15	0.16	0.12	500 *	1.92	1.00	90%
	735.53	500	0.16	0.12	438	2.31	1.14	0.16	0.12	500 *	1.90	1.00	0.16	0.12	500 *	1.56	1.00	90%
	791.16	500	0.16	0.12	471	2.15	1.06	0.16	0.12	500 *	1.77	1.00	0.16	0.12	500 *	1.45	1.00	90%
	925.45	500	0.16	0.12	500 *	1.84	1.00	0.16	0.12	500 *	1.51	1.00	0.16	0.12	500 *	1.24	1.00	90%
	1100.20	500	0.16	0.12	500 *	1.55	1.00	0.16	0.12	500 *	1.27	1.00	0.16	0.12	500 *	1.05	1.00	90%
	1209.77	500	0.16	0.12	500 *	1.41	1.00	0.16	0.12	500 *	1.16	1.00	0.16	0.12	500 *	0.95	1.00	90%
	1494.65	500	0.16	0.12	500 *	1.14	1.00	0.16	0.12	500 *	0.94	1.00	0.16	0.12	500 *	0.77	1.00	90%
GD30/3R GC15/3R	1643.56	500	0.16	0.12	500 *	1.03	1.00	0.16	0.12	500 *	0.85	1.00	0.16	0.12	500 *	0.70	1.00	88%
	1921.70	500	0.16	0.12	500 *	0.88	1.00	0.16	0.12	500 *	0.73	1.00	0.16	0.12	500 *	0.60	1.00	88%
	2222.88	500	0.16	0.12	500 *	0.76	1.00	0.16	0.12	500 *	0.63	1.00	0.16	0.12	500 *	0.52	1.00	88%
	2725.78	500	0.16	0.12	500 *	0.62	1.00	0.16	0.12	500 *	0.51	1.00	0.16	0.12	500 *	0.42	1.00	88%
	2932.56	500	0.16	0.12	500 *	0.58	1.00	0.16	0.12	500 *	0.48	1.00	0.16	0.12	500 *	0.39	1.00	88%
	3165.18	500	0.16	0.12	500 *	0.54	1.00	0.16	0.12	500 *	0.44	1.00	0.16	0.12	500 *	0.36	1.00	88%
	3428.71	500	0.16	0.12	500 *	0.50	1.00	0.16	0.12	500 *	0.41	1.00	0.16	0.12	500 *	0.34	1.00	88%
	4078.27	500	0.16	0.12	500 *	0.42	1.00	0.16	0.12	500 *	0.34	1.00	0.16	0.12	500 *	0.28	1.00	88%
	4768.85	500	0.16	0.12	500 *	0.36	1.00	0.16	0.12	500 *	0.29	1.00	0.16	0.12	500 *	0.24	1.00	88%
	5539.21	500	0.16	0.12	500 *	0.31	1.00	0.16	0.12	500 *	0.25	1.00	0.16	0.12	500 *	0.21	1.00	88%
	6477.02	500	0.16	0.12	500 *	0.26	1.00	0.16	0.12	500 *	0.22	1.00	0.16	0.12	500 *	0.18	1.00	88%

*torque máximo suportado pelo redutor

TABELA DE POTÊNCIA

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	
GD 40/2R	5.69	650	12.50	9.20	282	298.8	2.30	10.00	7.50	274	246.1	2.37	10.00	7.50	334	202.1	1.95	96%
	6.72	650	12.50	9.20	333	253.0	1.95	10.00	7.50	324	208.4	2.01	10.00	7.50	394	171.1	1.65	96%
	7.55	650	12.50	9.20	374	225.2	1.74	10.00	7.50	364	185.5	1.79	10.00	7.50	443	152.3	1.47	96%
	8.79	650	12.50	9.20	436	193.3	1.49	10.00	7.50	424	159.2	1.53	10.00	7.50	516	130.8	1.26	96%
	10.38	595	12.50	9.20	515	163.7	1.16	10.00	7.50	500	134.8	1.19	7.50	5.50	457	110.7	1.30	96%
	11.67	600	12.50	9.20	579	145.7	1.04	10.00	7.50	562	120.0	1.07	7.50	5.50	513	98.6	1.17	96%
	13.18	645	10.00	7.50	523	129.0	1.23	10.00	7.50	635	106.2	1.02	7.50	5.50	580	87.2	1.11	96%
	14.05	645	10.00	7.50	557	121.0	1.16	7.50	5.50	508	99.7	1.27	7.50	5.50	618	81.9	1.04	96%
	17.22	595	7.50	5.50	512	98.7	1.16	6.00	4.50	498	81.3	1.20	5.00	3.70	505	66.8	1.18	96%
	21.67	595	6.00	4.50	516	78.5	1.15	5.00	3.70	522	64.6	1.14	4.00	3.00	508	53.1	1.17	96%
	25.77	620	6.00	4.50	613	66.0	1.01	4.00	3.00	497	54.3	1.25	4.00	3.00	605	44.6	1.03	96%
	28.33	620	5.00	3.70	562	60.0	1.10	4.00	3.00	546	49.4	1.14	3.00	2.00	499	40.6	1.24	96%
	31.36	575	4.00	3.00	498	54.2	1.16	3.00	2.00	453	44.6	1.27	3.00	2.00	552	36.7	1.04	96%
	35.00	645	4.00	3.00	555	48.6	1.16	3.00	2.00	506	40.0	1.28	3.00	2.00	616	32.9	1.05	96%
GD 40/3R	46.67	800	4.00	3.00	725	36.4	1.10	3.00	2.00	660	30.0	1.21	2.00	1.50	536	24.6	1.49	94%
	52.73	815	3.00	2.00	615	32.2	1.33	3.00	2.00	746	26.6	1.09	2.00	1.50	606	21.8	1.35	94%
	56.19	795	3.00	2.00	655	30.3	1.21	3.00	2.00	795	24.9	1.00	2.00	1.50	645	20.5	1.23	94%
	68.89	825	3.00	2.00	803	24.7	1.03	2.00	1.50	650	20.3	1.27	2.00	1.50	791	16.7	1.04	94%
	86.67	810	2.00	1.50	673	19.6	1.20	1.50	1.10	613	16.2	1.32	1.50	1.10	747	13.3	1.08	94%
	103.08	830	2.00	1.50	801	16.5	1.04	1.50	1.10	729	13.6	1.14	1.00	0.75	592	11.2	1.40	94%
	113.33	825	1.50	1.10	660	15.0	1.25	1.50	1.10	802	12.4	1.03	1.00	0.55	651	10.1	1.27	94%
	125.45	825	1.50	1.10	731	13.6	1.13	1.00	0.75	592	11.2	1.39	1.00	0.55	720	9.2	1.15	94%
	140.00	820	1.50	1.10	816	12.1	1.01	1.00	0.75	660	10.0	1.24	1.00	0.37	804	8.2	1.02	94%
	178.00	800	1.00	0.75	692	9.6	1.16	0.75	0.55	630	7.9	1.27	0.75	0.25	767	6.5	1.04	94%
GD40/3R GA71	181.87	830	1.00	0.75	692	9.3	1.20	0.75	0.55	630	7.7	1.32	0.75	0.55	767	6.3	1.08	92%
	236.98	830	0.75	0.55	676	7.2	1.23	0.75	0.55	821	5.9	1.01	0.50	0.37	666	4.9	1.25	92%
	255.58	830	0.75	0.55	729	6.7	1.14	0.5	0.37	590	5.5	1.41	0.50	0.37	718	4.5	1.16	92%
	298.29	830	0.50	0.37	567	5.7	1.46	0.5	0.37	689	4.7	1.21	0.33	0.25	559	3.9	1.49	92%
	354.78	830	0.50	0.37	674	4.8	1.23	0.5	0.37	819	3.9	1.01	0.33	0.25	665	3.2	1.25	92%
	390.61	830	0.50	0.37	743	4.4	1.12	0.33	0.25	601	3.6	1.38	0.33	0.25	732	2.9	1.13	92%
	482.23	830	0.50	0.37	830 *	3.5	1.00	0.33	0.25	742	2.9	1.12	0.25	0.18	663	2.4	1.25	92%
GD40/3R GC15/2R	563.16	850	0.33	0.25	698	3.0	1.22	0.33	0.25	839	2.5	1.01	0.25	0.18	774	2.0	1.10	90%
	690.24	850	0.25	0.18	642	2.5	1.32	0.25	0.18	779	2.0	1.09	0.16	0.12	633	1.7	1.34	90%
	742.44	850	0.25	0.18	690	2.3	1.23	0.25	0.18	838	1.9	1.01	0.16	0.12	680	1.5	1.25	90%
	868.46	850	0.25	0.18	808	2.0	1.05	0.16	0.12	654	1.6	1.30	0.16	0.12	796	1.3	1.07	90%
	1032.45	850	0.16	0.12	640	1.6	1.33	0.16	0.12	777	1.4	1.09	0.16	0.12	850 *	1.1	1.00	90%
	1135.28	850	0.16	0.12	704	1.5	1.21	0.16	0.12	850 *	1.2	1.00	0.16	0.12	850 *	1.0	1.00	90%
	1402.62	850	0.16	0.12	850 *	1.2	1.00	0.16	0.12	850 *	1.0	1.00	0.16	0.12	850 *	0.8	1.00	90%
GD40/3R GC15/3R	1542.35	850	0.16	0.12	850 *	1.1	1.00	0.16	0.12	850 *	0.9	1.00	0.16	0.12	850 *	0.7	1.00	88%
	1803.37	850	0.16	0.12	850 *	0.9	1.00	0.16	0.12	850 *	0.8	1.00	0.16	0.12	850 *	0.6	1.00	88%
	2086.00	850	0.16	0.12	850 *	0.8	1.00	0.16	0.12	850 *	0.7	1.00	0.16	0.12	850 *	0.6	1.00	88%
	2557.93	850	0.16	0.12	850 *	0.7	1.00	0.16	0.12	850 *	0.5	1.00	0.16	0.12	850 *	0.4	1.00	88%
	2970.28	850	0.16	0.12	850 *	0.6	1.00	0.16	0.12	850 *	0.5	1.00	0.16	0.12	850 *	0.4	1.00	88%
	3473.33	850	0.16	0.12	850 *	0.5	1.00	0.16	0.12	850 *	0.4	1.00	0.16	0.12	850 *	0.3	1.00	88%
	4207.85	850	0.16	0.12	850 *	0.4	1.00	0.16	0.12	850 *	0.3	1.00	0.16	0.12	850 *	0.3	1.00	88%
	4920.24	850	0.16	0.12	850 *	0.3	1.00	0.16	0.12	850 *	0.3	1.00	0.16	0.12	850 *	0.2	1.00	88%
	6078.19	850	0.16	0.12	850 *	0.3	1.00	0.16	0.12	850 *	0.2	1.00	0.16	0.12	850 *	0.2	1.00	88%
GD 50/2R	6.46	1300	25.00	18.50	641	263.3	2.03	20.00	15.00	622	216.8	2.09	20.00	15.00	757	178.1	1.72	96%
	7.84	1300	25.00	18.50	777	216.9	1.67	20.00	15.00	755	178.6	1.72	20.00	15.00	919	146.7	1.41	96%
	8.97	1300	25.00	18.50	890	189.6	1.46	20.00	15.00	864	156.1	1.50	20.00	15.00	1052	128.2	1.24	96%
	9.61	1300	25.00	18.50	954	176.8	1.36	20.00	15.00	926	145.6	1.40	20.00	15.00	1128	119.6	1.15	96%
	11.77	1300	25.00	18.50	1167	144.4	1.11	20.00	15.00	1134	118.9	1.15	15.00	11.00	1035	97.7	1.26	96%
	13.22	1300	20.00	15.00	1049	128.6	1.24	20.00	15.00	1273	105.9	1.02	15.00	11.00	1163	87.0	1.12	96%
	16.18	1275	15.00	11.00	963	105.1	1.32	15.00	11.00	1169	86.5	1.09	12.50	9.20	1186	71.1	1.07	96%
	19.55	1280	15.00	11.00	1164	86.9	1.10	12.50	9.20	1178	71.6	1.09	10.00	7.50	1147	58.8	1.12	96%
	21.93	1260	12.50	9.20	1087	77.5	1.16	10.00	7.50	1056	63.8	1.19	7.50	5.50	965	52.4	1.31	96%
	24.94	1310	12.50	9.20	1237	68.2	1.06	10.00	7.50	1202	56.1	1.09	7.50	5.50	1097	46.1	1.19	96%
	28.12	1300	10.00	7.50	1116	60.5	1.17	7.50	5.50	1016	49.8	1.28	7.50	5.50	1237	40.9	1.05	96%
	31.25	1280	10.00	7.50	1240	54.4	1.03	7.50	5.50	1129	44.8	1.13	6.00	4.50	1100	36.8	1.16	96%
	35.01	1260	7.50	5.50	1042	48.6	1.21	7.50	5.50	1265	40.0	1.00	6.00	4.50	1232	32.8	1.02	96%
	39.60	1295	7.50	5.50	1178	42.9	1.10	5.50	4.00	1049	35.4	1.23	5.00	3.70	1161	29.0	1.12	96%
GD 50/3R	40.96	1510	7.50	5.50	1194	41.5	1.27	7.50	5.50	1449	34.2	1.04	6.00	4.50	1412	28.1	1.07	94%
	46.93	1580	7.50	5.50	1367	36.2	1.16	5.50	4.00	1218	29.8	1.30	5.00	3.70	1348	24.5	1.17	94%
	53.85	1450	6.00	4.50	1255	31.6	1.16	5.50	4.00	1397	26.0	1.04	4.00	3.00	1237	21.4	1.17	94%
	61.98	1600	6.00	4.50	1445	27.4	1.11	4.00	3.00	1170	22.6	1.37	4.00	3.00	1424	18.6	1.12	94%
	69.69	1550	5.00	3.70	1354	24.4	1.14	4.00	3.00	1315	20.1	1.18	3.00	2.20	1201	16.5	1.29	94%
	84.60	1520	4.00	3.00	1315	20.1	1.16	3.00	2.20	1197	16.5	1.27	3.00	2.20	1457	13.6	1.04	94%
	97.35	1560	4.00	3.00	1513	17.5	1.03	3.00	2.20	1378	14.4	1.13	2.00	1.50	1118	11.8	1.40	94%
	109.80	1550	3.00	2.20	1280	15.5	1.21	3.00	2.20	1554	12.8	1.00	2.00	1.50	1261	10.5	1.23	94%
	124.73	1500	3.00	2.20	1454	13.6	1.03	2.00	1.50	1177	11.2	1.27	2.00	1.50	1433	9.2	1.05	94%
	142.99	1540	2.00	1.50	1111	11.9	1.39	2.00	1.50	1349	9.8	1.14	1.50	1.10	1232	8.0	1.25	94%
	156.51	1540	2.00	1.50	1216	10.9	1.27	2.00	1.50	1477	8.9	1.04	1.50	1.10	1348	7.3	1.14	94%
	177.15	1535	2.00	1.50	1376	9.6	1.12	1.50	1.10	1254	7.9	1.22	1.50	1.10	1526	6.5	1.01	94%
	202.65	1560	1.50	1.10	1181	8.4	1.32	1.50	1.10	1434	6.9	1.09	1.00	0.75	1164	5.7	1.34	94%
	234.95	1205	1.00	0.75	913	7.2	1.32	1.00	0.75	1108	6.0	1.09	0.75	0.55	1012	4.9	1.19	94%

*torque máximo suportado pelo redutor

TABELA DE POTÊNCIA

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	
GD50/3R GA90	239.73	1500	1.50	1.10	1367	7.09	1.10	1.00	0.75	1107	5.84	1.36	1.00	0.75	1347	4.80	1.11	92%
	301.76	1500	1.00	0.75	1147	5.63	1.31	1.00	0.75	1393	4.64	1.08	0.75	0.55	1272	3.81	1.18	92%
	358.90	1500	1.00	0.75	1365	4.74	1.10	0.75	0.55	1243	3.90	1.21	0.50	0.37	1009	3.20	1.49	92%
	395.14	1500	1.00	0.75	1500 *	4.30	1.00	0.75	0.55	1368	3.54	1.10	0.50	0.37	1110	2.91	1.35	92%
	436.96	1500	1.00	0.75	1500 *	3.89	1.00	0.75	0.55	1500 *	3.20	1.00	0.50	0.37	1228	2.63	1.22	92%
	487.83	1500	1.00	0.75	1500 *	3.48	1.00	0.75	0.55	1500 *	2.87	1.00	0.50	0.37	1371	2.36	1.09	92%
GD50/3R GC25/2R	555.19	1550	0.75	0.55	1550 *	3.06	1.00	0.50	0.37	1254	2.52	1.24	0.50	0.37	1526	2.07	1.02	90%
	672.59	1550	0.50	0.37	1251	2.53	1.24	0.50	0.37	1519	2.08	1.02	0.33	0.25	1233	1.71	1.26	90%
	833.06	1550	0.50	0.37	1550 *	2.04	1.00	0.33	0.25	1254	1.68	1.24	0.33	0.25	1512	1.38	1.03	90%
	919.76	1550	0.33	0.25	1140	1.85	1.36	0.33	0.25	1385	1.52	1.12	0.25	0.18	1264	1.25	1.23	90%
	1073.23	1550	0.33	0.25	1331	1.58	1.16	0.25	0.18	1212	1.30	1.28	0.25	0.18	1475	1.07	1.05	90%
	1179.85	1550	0.33	0.25	1463	1.44	1.06	0.25	0.18	1332	1.19	1.16	0.16	0.12	1081	0.97	1.43	90%
	1305.86	1550	0.25	0.18	1214	1.30	1.28	0.25	0.18	1475	1.07	1.05	0.16	0.12	1197	0.88	1.30	90%
	1457.72	1550	0.25	0.18	1356	1.17	1.14	0.16	0.12	1097	0.96	1.41	0.16	0.12	1336	0.79	1.16	90%
GD50/3R GC25/3R	1683.35	1550	0.50	0.37	1550 *	1.01	1.00	0.75	0.55	1550 *	0.83	1.00	0.25	0.18	1550 *	0.68	1.00	88%
	1985.99	1550	0.50	0.37	1550 *	0.86	1.00	0.75	0.55	1550 *	0.70	1.00	0.25	0.18	1550 *	0.58	1.00	88%
	2368.86	1550	0.50	0.37	1550 *	0.72	1.00	0.75	0.55	1550 *	0.59	1.00	0.25	0.18	1550 *	0.49	1.00	88%
	2870.21	1550	0.16	0.12	1550 *	0.59	1.00	0.33	0.25	1550 *	0.49	1.00	0.16	0.12	1550 *	0.40	1.00	88%
	3236.39	1550	0.16	0.12	1550 *	0.53	1.00	0.33	0.25	1550 *	0.43	1.00	0.16	0.12	1550 *	0.36	1.00	88%
	3924.05	1550	0.16	0.12	1550 *	0.43	1.00	0.33	0.25	1550 *	0.36	1.00	0.16	0.12	1550 *	0.29	1.00	88%
	5034.44	1550	0.16	0.12	1550 *	0.34	1.00	0.33	0.25	1550 *	0.28	1.00	0.16	0.12	1550 *	0.23	1.00	88%
	6218.60	1550	0.16	0.12	1550 *	0.27	1.00	0.33	0.25	1550 *	0.23	1.00	0.16	0.12	1550 *	0.18	1.00	88%
	7187.90	1550	0.16	0.12	1550 *	0.24	1.00	0.33	0.25	1550 *	0.19	1.00	0.16	0.12	1550 *	0.16	1.00	88%
	7995.65	1550	0.16	0.12	1550 *	0.21	1.00	0.33	0.25	1550 *	0.18	1.00	0.16	0.12	1550 *	0.14	1.00	88%
GD 60/2R	6.53	2175	30.00	22.00	777	260.5	2.80	30.00	22.00	943	214.5	2.31	25.00	18.50	957	176.2	2.27	96%
	7.62	2175	30.00	22.00	907	223.0	2.40	30.00	22.00	1102	183.6	1.97	25.00	18.50	1118	150.8	1.95	96%
	8.96	2175	30.00	22.00	1066	189.8	2.04	30.00	22.00	1295	156.3	1.68	25.00	18.50	1313	128.4	1.66	96%
	10.02	2175	30.00	22.00	1192	169.7	1.82	30.00	22.00	1448	139.7	1.50	25.00	18.50	1469	114.8	1.48	96%
	11.95	2175	30.00	22.00	1423	142.2	1.53	30.00	22.00	1728	117.1	1.26	25.00	18.50	1753	96.2	1.24	96%
	13.74	2175	30.00	22.00	1635	123.7	1.33	30.00	22.00	1986	101.9	1.10	25.00	18.50	2015	83.7	1.08	96%
	16.39	2235	30.00	22.00	1951	103.7	1.15	25.00	18.50	1975	85.4	1.13	20.00	15.00	1923	70.1	1.16	96%
	18.59	2235	30.00	22.00	2212	91.5	1.01	25.00	18.50	2239	75.3	1.00	20.00	15.00	2180	61.9	1.03	96%
	22.15	2205	25.00	18.50	2197	76.8	1.00	20.00	15.00	2134	63.2	1.03	15.00	11.00	1948	51.9	1.13	96%
	26.17	2140	20.00	15.00	2077	65.0	1.03	15.00	11.00	1892	53.5	1.13	12.50	9.20	1919	43.9	1.12	96%
	29.30	2110	15.00	11.00	1744	58.0	1.21	15.00	11.00	2117	47.8	1.00	10.00	7.50	1718	39.3	1.23	96%
	33.38	2185	15.00	11.00	1986	50.9	1.10	12.50	9.20	2010	41.9	1.09	10.00	7.50	1958	34.5	1.12	96%
	37.38	2145	12.50	9.20	1854	45.5	1.16	10.00	7.50	1801	37.5	1.19	7.50	5.50	1644	30.8	1.30	96%
	45.14	2170	10.00	7.50	1791	37.7	1.21	10.00	7.50	2175	31.0	1.00	7.50	5.50	1986	25.5	1.09	96%
GD 60/3R	53.57	2635	10.00	7.50	2081	31.7	1.27	7.50	5.50	1895	26.1	1.39	7.50	5.50	2308	21.5	1.14	94%
	60.07	2695	10.00	7.50	2334	28.3	1.15	7.50	5.50	2125	23.3	1.27	7.50	5.50	2587	19.1	1.04	94%
	67.57	2925	10.00	7.50	2625	25.2	1.11	7.50	5.50	2391	20.7	1.22	7.50	5.50	2910	17.0	1.01	94%
	76.31	2690	7.50	5.50	2223	22.3	1.21	7.50	5.50	2700	18.3	1.00	6.00	4.50	2629	15.1	1.02	94%
	86.65	2670	7.50	5.50	2525	19.6	1.06	5.50	4.00	2248	16.2	1.19	5.00	3.70	2488	13.3	1.07	94%
	92.55	2610	6.00	4.50	2157	18.4	1.21	5.50	4.00	2401	15.1	1.09	4.00	3.00	2126	12.4	1.23	94%
	107.03	2630	6.00	4.50	2495	15.9	1.05	4.00	3.00	2020	13.1	1.30	4.00	3.00	2459	10.7	1.07	94%
	121.48	2595	5.00	3.70	2360	14.0	1.10	4.00	3.00	2292	11.5	1.13	3.00	2.20	2093	9.5	1.24	94%
	135.92	2675	5.00	3.70	2640	12.5	1.01	4.00	3.00	2565	10.3	1.04	3.00	2.20	2342	8.5	1.14	94%
	153.25	2620	4.00	3.00	2381	11.1	1.10	3.00	2.20	2169	9.1	1.21	2.00	1.50	1760	7.5	1.49	94%
	174.43	2685	3.00	2.20	2033	9.7	1.32	3.00	2.20	2469	8.0	1.09	2.00	1.50	2003	6.6	1.34	94%
	186.88	2635	3.00	2.20	2178	9.1	1.21	3.00	2.20	2645	7.5	1.00	2.00	1.50	2147	6.2	1.23	94%
	216.79	2595	3.00	2.20	2527	7.8	1.03	2.00	1.50	2045	6.5	1.27	2.00	1.50	2490	5.3	1.04	94%
	255.89	2315	2.00	1.50	1988	6.6	1.16	1.50	1.10	1811	5.5	1.28	1.50	1.10	2204	4.5	1.05	94%
	280.33	2340	2.00	1.50	2178	6.1	1.07	1.50	1.10	1984	5.0	1.18	1.00	0.75	1610	4.1	1.45	94%
GD60/3R GA90	262.51	2700	2.00	1.50	1996	6.48	1.35	2.00	1.50	2424	5.33	1.11	1.50	1.1	2213	4.38	1.22	92%
	330.42	2700	2.00	1.50	2513	5.14	1.07	1.50	1.10	2288	4.24	1.18	1.00	0.75	1857	3.48	1.45	92%
	393.00	2700	1.50	1.10	2241	4.33	1.20	1.00	0.75	1814	3.56	1.49	1.00	0.75	2209	2.93	1.22	92%
	432.68	2700	1.50	1.10	2468	3.93	1.09	1.00	0.75	1998	3.24	1.35	1.00	0.75	2432	2.66	1.11	92%
	478.46	2700	1.00	0.75	1819	3.55	1.48	1.00	0.75	2209	2.93	1.22	1.00	0.75	2689	2.40	1.00	92%
	534.17	2700	1.00	0.75	2031	3.18	1.32	1.00	0.75	2466	2.62	1.09	0.75	0.55	2252	2.15	1.20	92%
GD60/3R GC35/2R	681.79	2800	1.00	0.75	2536	2.49	1.10	0.75	0.55	2310	2.05	1.21	0.50	0.37	1874	1.69	1.49	90%
	813.35	2800	0.75	0.55	2269	2.09	1.23	0.75	0.55	2755	1.72	1.02	0.50	0.37	2236	1.41	1.25	90%
	985.15	2800	0.75	0.55	2748	1.73	1.02	0.50	0.37	2225	1.42	1.26	0.50	0.37	2708	1.17	1.03	90%
	1110.69	2800	0.50	0.37	2066	1.53	1.36	0.50	0.37	2508	1.26	1.12	0.33	0.25	2015	1.04	1.39	90%
	1220.02	2800	0.50	0.37	2269	1.39	1.23	0.33	0.25	1818	1.15	1.54	0.33	0.25	2236	0.94	1.25	90%
	1346.77	2800	0.50	0.37	2505	1.26	1.12	0.33	0.25	2028	1.04	1.38	0.33	0.25	2468	0.85	1.13	90%
	1572.03	2800	0.50	0.37	2800 *	1.08	1.00	0.33	0.25	2367	0.89	1.18	0.33	0.25	2800 *	0.73	1.00	90%

*torque máximo suportado pelo redutor

TABELA DE POTÊNCIA

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	
GD60/3R GC35/3R	1862.77	2800	1.00	0.75	2800 *	0.91	1.00	0.75	0.55	2800 *	0.75	1.00	0.50	0.37	2800 *	0.62	1.00	88%
	2172.73	2800	1.00	0.75	2800 *	0.78	1.00	0.75	0.55	2800 *	0.64	1.00	0.50	0.37	2800 *	0.53	1.00	88%
	2775.23	2800	1.00	0.75	2800 *	0.61	1.00	0.75	0.55	2800 *	0.50	1.00	0.50	0.37	2800 *	0.41	1.00	88%
	3311.06	2800	0.50	0.37	2800 *	0.51	1.00	0.33	0.25	2800 *	0.42	1.00	0.25	0.18	2800 *	0.35	1.00	88%
	4011.47	2800	0.50	0.37	2800 *	0.42	1.00	0.33	0.25	2800 *	0.35	1.00	0.25	0.18	2800 *	0.29	1.00	88%
	4523.27	2800	0.50	0.37	2800 *	0.38	1.00	0.33	0.25	2800 *	0.31	1.00	0.25	0.18	2800 *	0.25	1.00	88%
	5483.79	2800	0.50	0.37	2800 *	0.31	1.00	0.33	0.25	2800 *	0.26	1.00	0.25	0.18	2800 *	0.21	1.00	88%
	7036.00	2800	0.50	0.37	2800 *	0.24	1.00	0.33	0.25	2800 *	0.20	1.00	0.25	0.18	2800 *	0.16	1.00	88%
	8691.53	2800	0.50	0.37	2800 *	0.20	1.00	0.33	0.25	2800 *	0.16	1.00	0.25	0.18	2800 *	0.13	1.00	88%
	11174.82	2800	0.50	0.37	2800 *	0.15	1.00	0.33	0.25	2800 *	0.13	1.00	0.25	0.18	2800 *	0.10	1.00	88%
GD 70/2R	6.94	3000	50.00	37.00	1377	244.9	2.18	50.00	37.00	1672	201.7	1.79	40.00	30.00	1628	165.7	1.84	96%
	7.62	3000	50.00	37.00	1511	223.2	1.99	50.00	37.00	1835	183.8	1.64	40.00	30.00	1787	151.0	1.68	96%
	8.90	3000	50.00	37.00	1766	191.0	1.70	50.00	37.00	2145	157.3	1.40	40.00	30.00	2089	129.2	1.44	96%
	10.64	3000	50.00	37.00	2110	159.8	1.42	50.00	37.00	2562	131.6	1.17	40.00	30.00	2495	108.1	1.20	96%
	11.67	3000	50.00	37.00	2315	145.7	1.30	50.00	37.00	2811	120.0	1.07	40.00	30.00	2738	98.5	1.10	96%
	13.50	3000	50.00	37.00	2678	125.9	1.12	40.00	30.00	2602	103.7	1.15	30.00	22.00	2375	85.2	1.26	96%
	15.77	2800	40.00	30.00	2502	107.8	1.12	30.00	22.00	2279	88.8	1.23	30.00	22.00	2774	72.9	1.01	96%
	18.65	3180	40.00	30.00	2961	91.1	1.07	30.00	22.00	2696	75.0	1.18	25.00	18.50	2735	61.6	1.16	96%
	21.06	3310	30.00	22.00	2507	80.7	1.32	30.00	22.00	3044	66.5	1.09	25.00	18.50	3088	54.6	1.07	96%
	24.00	3615	30.00	22.00	2857	70.8	1.27	30.00	22.00	3469	58.3	1.04	25.00	18.50	3519	47.9	1.03	96%
	27.54	3610	30.00	22.00	3278	61.7	1.10	25.00	18.50	3317	50.8	1.09	20.00	15.00	3231	41.8	1.12	96%
	31.20	4090	30.00	22.00	3714	54.5	1.10	25.00	18.50	3758	44.9	1.09	20.00	15.00	3660	36.9	1.12	96%
	35.78	4295	30.00	22.00	4258	47.5	1.01	25.00	18.50	4309	39.1	1.00	20.00	15.00	4196	32.1	1.02	96%
GD 70/3R	44.18	4345	20.00	15.00	3506	38.5	1.24	20.00	15.00	4257	31.7	1.02	15.00	11.00	3887	26.0	1.12	94%
	51.84	4430	20.00	15.00	4028	32.8	1.10	15.00	11.00	3668	27.0	1.21	12.50	9.20	3721	22.2	1.19	94%
	63.87	4500	15.00	11.00	3722	26.6	1.21	15.00	11.00	4520	21.9	1.00	10.00	7.50	3668	18.0	1.23	94%
	66.71	4500	15.00	11.00	3887	25.5	1.16	10.00	7.50	3147	21.0	1.43	10.00	7.50	3831	17.2	1.17	94%
	79.92	4500	12.50	9.20	3881	21.3	1.16	10.00	7.50	3770	17.5	1.19	7.50	5.50	3442	14.4	1.31	94%
	92.40	4500	12.50	9.20	4487	18.4	1.00	10.00	7.50	4359	15.2	1.03	7.50	5.50	3980	12.4	1.13	94%
	108.00	4500	10.00	7.50	4196	15.7	1.07	7.50	5.50	3821	13.0	1.18	6.00	4.50	3721	10.6	1.21	94%
	120.76	4500	7.50	5.50	3519	14.1	1.28	7.50	5.50	4273	11.6	1.05	6.00	4.50	4161	9.5	1.08	94%
	136.08	4500	7.50	5.50	3965	12.49	1.13	6.00	4.50	3852	10.29	1.17	5.00	3.70	3907	8.45	1.15	94%
	154.80	4500	7.50	5.50	4510	11.0	1.00	5.50	4.00	4016	9.0	1.12	5.00	3.70	4445	7.4	1.01	94%
	178.20	4500	6.00	4.50	4154	9.5	1.08	4.00	3.00	3363	7.9	1.34	4.00	3.00	4094	6.5	1.10	94%
	192.24	4500	6.00	4.50	4481	8.8	1.00	4.00	3.00	3627	7.3	1.24	4.00	3.00	4416	6.0	1.02	94%
	226.80	4500	5.00	3.70	4406	7.5	1.02	4.00	3.00	4280	6.2	1.05	3.00	2.20	3907	5.1	1.15	94%
GD70/3R GA112	234.78	4500	5.00	3.70	4464	7.24	1.01	4.00	3.00	4336	5.96	1.04	3.00	2.20	3959	4.90	1.14	92%
	248.79	4500	4.00	3.00	3784	6.83	1.19	3.00	2.20	3446	5.63	1.31	3.00	2.20	4195	4.62	1.07	92%
	263.47	4500	4.00	3.00	4007	6.45	1.12	3.00	2.20	3649	5.31	1.23	3.00	2.20	4443	4.36	1.01	92%
	318.83	4500	3.00	2.20	3637	5.33	1.24	3.00	2.20	4416	4.39	1.02	2.00	1.50	3584	3.61	1.26	92%
	366.85	4500	3.00	2.20	4185	4.63	1.08	2.00	1.50	3388	3.82	1.33	2.00	1.50	4124	3.13	1.09	92%
	395.53	4500	2.00	1.50	3008	4.30	1.50	2.00	1.50	3652	3.54	1.23	2.00	1.50	4446	2.91	1.01	92%
	466.90	4500	2.00	1.50	3551	3.64	1.27	2.00	1.50	4311	3.00	1.04	1.50	1.10	3936	2.46	1.14	92%
GD70/3R GC35/2R	486.69	4600	2.00	1.50	3621	3.49	1.27	2.00	1.50	4396	2.88	1.05	1.50	1.10	4014	2.36	1.15	90%
	562.06	4600	2.00	1.50	4181	3.02	1.10	1.50	1.10	3808	2.49	1.21	1.00	0.75	3090	2.05	1.49	90%
	724.92	4600	1.50	1.10	4045	2.35	1.14	1.00	0.75	3274	1.93	1.40	1.00	0.75	3986	1.59	1.15	90%
	864.80	4600	1.00	0.75	3217	1.97	1.43	1.00	0.75	3906	1.62	1.18	0.75	0.55	3566	1.33	1.29	90%
	1047.47	4600	1.00	0.75	3896	1.62	1.18	0.75	0.55	3548	1.34	1.30	0.75	0.55	4320	1.10	1.06	90%
	1180.96	4600	1.00	0.75	4393	1.44	1.05	0.75	0.55	4000	1.19	1.15	0.50	0.37	3247	0.97	1.42	90%
	1297.20	4600	0.75	0.55	3619	1.31	1.27	0.75	0.55	4394	1.08	1.05	0.50	0.37	3566	0.89	1.29	90%
	1431.97	4600	0.75	0.55	3995	1.19	1.15	0.50	0.37	3234	0.98	1.42	0.50	0.37	3937	0.80	1.17	90%
	1671.48	4600	0.50	0.37	3109	1.02	1.48	0.50	0.37	3775	0.84	1.22	0.50	0.37	4600 *	0.69	1.00	90%
	1837.54	4600	0.50	0.37	3417	0.93	1.35	0.50	0.37	4150	0.76	1.11	0.33	0.25	3334	0.63	1.38	90%
GD70/3R GC35/3R	1980.61	4600	0.50	0.37	3684	0.86	1.25	0.75	0.55	4600 *	0.71	1.00	0.50	0.37	4600 *	0.58	1.00	88%
	2310.18	4600	0.50	0.37	4296	0.74	1.07	0.75	0.55	4600 *	0.61	1.00	0.50	0.37	4600 *	0.50	1.00	88%
	2950.79	4600	0.50	0.37	4600 *	0.58	1.00	0.75	0.55	4600 *	0.47	1.00	0.50	0.37	4600 *	0.39	1.00	88%
	3520.51	4600	0.50	0.37	4600 *	0.48	1.00	0.33	0.25	4600 *	0.40	1.00	0.25	0.18	4600 *	0.33	1.00	88%
	4265.24	4600	0.50	0.37	4600 *	0.40	1.00	0.33	0.25	4600 *	0.33	1.00	0.25	0.18	4600 *	0.27	1.00	88%
	4809.41	4600	0.50	0.37	4600 *	0.35	1.00	0.33	0.25	4600 *	0.29	1.00	0.25	0.18	4600 *	0.24	1.00	88%
	5280.77	4600	0.50	0.37	4600 *	0.32	1.00	0.33	0.25	4600 *	0.27	1.00	0.25	0.18	4600 *	0.22	1.00	88%
	6804.07	4600	0.50	0.37	4600 *	0.25	1.00	0.33	0.25	4600 *	0.21	1.00	0.25	0.18	4600 *	0.17	1.00	88%
	8281.38	4600	0.50	0.37	4600 *	0.21	1.00	0.33	0.25	4600 *	0.17	1.00	0.25	0.18	4600 *	0.14	1.00	88%
	9241.35	4600	0.50	0.37	4600 *	0.18	1.00	0.33	0.25	4600 *	0.15	1.00	0.25	0.18	4600 *	0.12	1.00	88%
	10681.62	4600	0.50	0.37	4600 *	0.16	1.00	0.33	0.25	4600 *	0.13	1.00	0.25	0.18	4600 *	0.11	1.00	88%
	11881.74	4600	0.50	0.37	4600 *	0.14	1.00	0.33	0.25	4600 *	0.12	1.00	0.25	0.18	4600 *	0.10	1.00	88%

*torque máximo suportado pelo redutor

TABELA DE POTÊNCIA

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	
GD 90/2R	6.64	5280	100.00	75.00	2633	256.2	2.01	75.00	55.00	2398	211.0	2.20	75.00	55.00	2919	173.3	1.81	96%
	7.17	5280	100.00	75.00	2844	237.2	1.86	75.00	55.00	2590	195.3	2.04	75.00	55.00	3153	160.4	1.67	96%
	8.06	5280	100.00	75.00	3197	211.0	1.65	75.00	55.00	2911	173.8	1.81	75.00	55.00	3544	142.7	1.49	96%
	9.08	5280	100.00	75.00	3603	187.2	1.47	75.00	55.00	3281	154.2	1.61	75.00	55.00	3995	126.6	1.32	96%
	10.27	6725	100.00	75.00	4075	165.5	1.65	75.00	55.00	3711	136.3	1.81	75.00	55.00	4518	112.0	1.49	96%
	12.19	7985	100.00	75.00	4837	139.4	1.65	75.00	55.00	4406	114.8	1.81	75.00	55.00	5363	94.3	1.49	96%
	15.37	8200	100.00	75.00	6097	110.6	1.34	75.00	55.00	5553	91.1	1.48	75.00	55.00	6760	74.8	1.21	96%
	18.86	8200	100.00	75.00	7483	90.1	1.10	75.00	55.00	6815	74.2	1.20	50.00	37.00	5531	61.0	1.48	96%
	22.35	8200	75.00	55.00	6652	76.1	1.23	75.00	55.00	8077	62.6	1.02	50.00	37.00	6555	51.4	1.25	96%
	25.29	8200	75.00	55.00	7527	67.2	1.09	60.00	45.00	7312	55.3	1.12	50.00	37.00	7418	45.5	1.11	96%
	27.01	8200	75.00	55.00	8037	62.9	1.02	60.00	45.00	7808	51.8	1.05	50.00	37.00	7921	42.6	1.04	96%
	33.53	8200	60.00	45.00	7982	50.7	1.03	50.00	37.00	8077	41.8	1.02	40.00	30.00	7866	34.3	1.04	94%
GD 90/3R	37.84	8200	50.00	37.00	7507	44.9	1.09	40.00	18.50	7293	37.0	1.12	30.00	22.00	6659	30.4	1.23	94%
	39.76	8200	50.00	37.00	7888	42.8	1.04	40.00	15.00	7663	35.2	1.07	30.00	22.00	6996	28.9	1.17	94%
	46.44	8200	40.00	30.00	7217	36.6	1.14	30.00	11.00	6573	30.1	1.25	30.00	22.00	8001	24.8	1.02	94%
	54.94	8200	30.00	22.00	6404	30.9	1.28	30.00	11.00	7776	25.5	1.05	25.00	18.50	7889	20.9	1.04	94%
	62.03	8200	30.00	22.00	7229	27.4	1.13	25.00	11.00	7315	22.6	1.12	20.00	15.00	7125	18.5	1.15	94%
	70.69	8200	30.00	22.00	8239	24.0	1.00	20.00	9.20	6669	19.8	1.23	20.00	15.00	8119	16.3	1.01	94%
	79.17	8200	25.00	18.50	7689	21.5	1.07	20.00	7.50	7469	17.7	1.10	15.00	11.00	6820	14.5	1.20	94%
	92.47	8200	20.00	15.00	7185	18.4	1.14	15.00	5.50	6543	15.1	1.25	15.00	11.00	7965	12.4	1.03	94%
	109.39	8200	15.00	11.00	6375	15.5	1.29	15.00	5.50	7741	12.8	1.06	12.50	9.20	7853	10.5	1.04	94%
	123.50	8200	15.00	11.00	7197	13.8	1.14	12.50	5.50	7282	11.3	1.13	10.00	7.50	7093	9.3	1.16	94%
	140.74	8200	15.00	11.00	8202	12.1	1.00	10.00	4.00	6639	9.9	1.24	10.00	7.50	8083	8.2	1.01	94%
	161.50	8200	12.50	9.20	7843	10.5	1.05	10.00	4.00	7619	8.7	1.08	7.50	5.50	6956	7.1	1.18	94%
	182.96	8200	10.00	7.50	7108	9.3	1.15	7.50	3.00	6473	7.7	1.27	7.50	5.50	7881	6.3	1.04	94%
	209.79	8200	10.00	7.50	8150	8.1	1.01	7.50	3.00	7423	6.7	1.10	6.00	4.50	7229	5.5	1.13	94%
GD90/3R GA112	218.35	9000	10.00	7.50	8302	7.79	1.08	7.50	5.50	7561	6.41	1.19	6.00	4.5	7364	5.27	1.22	92%
	231.37	9000	10.00	7.50	8797	7.35	1.02	7.50	5.50	8012	6.05	1.12	6.00	4.5	7803	4.97	1.15	92%
	245.02	9000	7.50	5.50	6987	6.94	1.29	7.50	5.50	8484	5.71	1.06	6.00	4.5	8263	4.69	1.09	92%
	296.50	9000	7.50	5.50	8455	5.73	1.06	5.50	4.00	7529	4.72	1.20	5.00	3.7	8333	3.88	1.08	92%
	341.17	9000	6.00	4.50	7783	4.98	1.16	5.50	4.00	8663	4.10	1.04	4.00	3.0	7670	3.37	1.17	92%
	367.84	9000	6.00	4.50	8392	4.62	1.07	4.00	3.00	6793	3.81	1.32	4.00	3.0	8270	3.13	1.09	92%
	434.21	9000	5.00	3.70	8255	3.92	1.09	4.00	3.00	8019	3.22	1.12	3.00	2.2	7322	2.65	1.23	92%
GD90/3R GC45/2R	473.91	10000	5.00	3.70	8814	3.59	1.13	4.00	3.00	8562	2.95	1.17	3.00	2.2	7817	2.43	1.28	90%
	529.74	10000	5.00	3.70	9852	3.21	1.02	4.00	3.00	9571	2.64	1.04	3.00	2.2	8738	2.17	1.14	90%
	629.60	10000	4.00	3.00	9368	2.70	1.07	3.00	2.20	8531	2.22	1.17	2.00	1.5	6924	1.83	1.44	90%
	754.91	10000	3.00	2.20	8424	2.25	1.19	2.00	1.50	6819	1.85	1.47	2.00	1.5	8302	1.52	1.20	90%
	918.66	10000	2.00	1.50	6834	1.85	1.46	2.00	1.50	8299	1.52	1.21	1.50	1.1	7577	1.25	1.32	90%
	1057.61	10000	2.00	1.50	7868	1.61	1.27	2.00	1.50	9554	1.32	1.05	1.50	1.1	8723	1.09	1.15	90%
	1231.92	10000	2.00	1.50	9164	1.38	1.09	1.50	1.10	8346	1.14	1.20	1.00	0.75	6774	0.93	1.48	90%
	1375.21	10000	1.50	1.10	7673	1.24	1.30	1.50	1.10	9317	1.02	1.07	1.00	0.75	7562	0.84	1.32	90%
	1603.48	10000	1.50	1.10	8946	1.06	1.12	1.00	0.75	7242	0.87	1.38	1.00	0.75	8817	0.72	1.13	90%
	2087.31	10000	1.00	0.75	7764	0.81	1.29	1.00	0.75	9428	0.67	1.06	0.75	0.55	8608	0.55	1.16	90%
GD90/3R GC45/3R	2297.59	10000	2.00	1.50	10000 *	0.74	1.00	1.50	1.10	10000 *	0.61	1.00	1.00	0.75	10000 *	0.50	1.00	88%
	3050.64	10000	2.00	1.50	10000 *	0.56	1.00	1.50	1.10	10000 *	0.46	1.00	1.00	0.75	10000 *	0.38	1.00	88%
	3659.77	10000	1.00	0.75	10000 *	0.46	1.00	0.75	0.55	10000 *	0.38	1.00	0.50	0.37	9838	0.31	1.02	88%
	5125.54	10000	1.00	0.75	10000 *	0.33	1.00	0.75	0.55	10000 *	0.27	1.00	0.50	0.37	10000 *	0.22	1.00	88%
	6665.12	10000	1.00	0.75	10000 *	0.26	1.00	0.75	0.55	10000 *	0.21	1.00	0.50	0.37	10000 *	0.17	1.00	88%
	8440.42	10000	1.00	0.75	10000 *	0.20	1.00	0.75	0.55	10000 *	0.17	1.00	0.50	0.37	10000 *	0.14	1.00	88%

*Torque máximo suportado pelo redutor

TABELA DE POTÊNCIA

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	
GD100 2R	4.90	6000	150.00	110.00	2915	347.1	2.06	125.00	90.00	2949	285.8	2.03	125.00	90.00	3591	234.8	1.67	96%
	5.73	6000	150.00	110.00	3412	296.6	1.76	125.00	90.00	3452	244.2	1.74	125.00	90.00	4203	200.6	1.43	96%
	6.76	7000	150.00	110.00	4022	251.6	1.74	125.00	90.00	4070	207.2	1.72	125.00	90.00	4954	170.2	1.41	96%
	7.67	6000	150.00	110.00	4562	221.8	1.32	125.00	90.00	4617	182.6	1.30	125.00	90.00	5620	150.0	1.07	96%
	8.97	7000	150.00	110.00	5340	189.5	1.31	125.00	90.00	5403	156.0	1.30	125.00	90.00	6578	128.2	1.06	96%
	10.58	9500	150.00	110.00	6295	160.7	1.51	125.00	90.00	6370	132.4	1.49	125.00	90.00	7755	108.7	1.23	96%
	12.60	10000	150.00	110.00	7497	135.0	1.33	125.00	90.00	7586	111.1	1.32	125.00	90.00	9235	91.3	1.08	96%
	14.49	11000	150.00	110.00	8623	117.3	1.28	125.00	90.00	8726	96.6	1.26	125.00	90.00	10623	79.4	1.04	96%
	16.84	11000	150.00	110.00	10020	101.0	1.10	125.00	90.00	10140	83.1	1.08	100.00	75.00	9875	68.3	1.11	96%
	18.74	11000	125.00	90.00	9295	90.7	1.18	100.00	75.00	9030	74.7	1.22	100.00	75.00	10993	61.4	1.00	96%
	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%
GD100 3R	25.06	13000	125.00	90.00	12167	67.8	1.07	100.00	75.00	11820	55.9	1.10	75.00	55.00	10792	45.9	1.20	94%
	28.33	13000	100.00	75.00	11007	60.0	1.18	75.00	55.00	10024	49.4	1.30	75.00	55.00	12203	40.6	1.07	94%
	32.15	13000	100.00	75.00	12492	52.9	1.04	75.00	55.00	11376	43.5	1.14	60.00	45.00	11080	35.8	1.17	94%
	33.56	13000	100.00	75.00	13036	50.7	1.00	75.00	55.00	11872	41.7	1.10	60.00	45.00	11562	34.3	1.12	94%
	37.94	13000	75.00	55.00	11056	44.8	1.18	60.00	45.00	10740	36.9	1.21	60.00	45.00	13074	30.3	0.99	94%
	43.06	13000	75.00	55.00	12547	39.5	1.04	60.00	45.00	12189	32.5	1.07	50.00	37.00	12365	26.7	1.05	94%
	51.38	13000	60.00	45.00	11977	33.1	1.09	50.00	37.00	12119	27.2	1.07	40.00	30.00	11803	22.4	1.10	94%
	59.13	13000	50.00	37.00	11485	28.8	1.13	40.00	30.00	11157	23.7	1.17	30.00	22.00	10187	19.4	1.28	94%
	68.66	13000	40.00	30.00	10669	24.8	1.22	40.00	30.00	12956	20.4	1.00	30.00	22.00	11829	16.7	1.10	94%
	76.34	13000	40.00	30.00	11863	22.3	1.10	30.00	22.00	10804	18.3	1.20	25.00	18.50	10960	15.1	1.19	94%
	91.72	13000	30.00	22.00	10690	18.5	1.22	30.00	22.00	12980	15.3	1.00	20.00	15.00	10535	12.5	1.23	94%
	102.61	13000	30.00	22.00	11959	16.6	1.09	25.00	18.50	12101	13.6	1.07	20.00	15.00	11785	11.2	1.10	94%
	117.44	13000	25.00	18.50	11406	14.5	1.14	20.00	15.00	11081	11.9	1.17	15.00	11.00	10117	9.8	1.28	94%
	136.23	13000	20.00	15.00	10585	12.5	1.23	20.00	15.00	12853	10.3	1.01	15.00	11.00	11736	8.4	1.11	94%
	153.98	13000	20.00	15.00	11964	11.0	1.09	15.00	11.00	10896	9.1	1.19	12.50	9.20	11054	7.5	1.18	94%
	164.42	13000	20.00	15.00	12775	10.3	1.02	15.00	11.00	11635	8.5	1.12	12.50	9.20	11803	7.0	1.10	94%
	176.17	13000	15.00	11.00	10266	9.7	1.27	15.00	11.00	12466	7.9	1.04	12.50	9.20	12646	6.5	1.03	94%
GD100 GA132	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%
	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	5.50	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%
	455.22	13000	7.50	5.50	12981	3.73	1.00	5.50	4.00	11559.6	3.08	1.12	5.00	3.70	12793.2	2.53	1.02	92%
GD100 GC45 /2R	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%
	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%
GD100 GC45 /3R	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%
	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 CARCAÇA

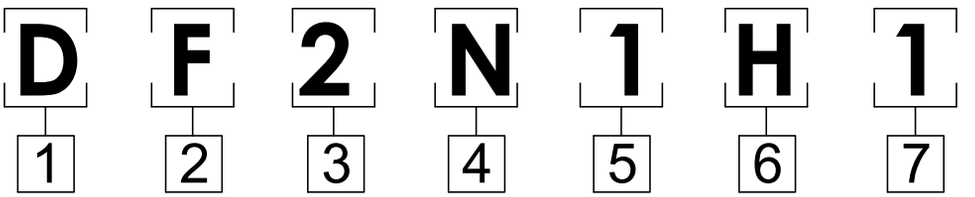
MODELO	RED	CARCAÇAS IEC												
		C63	C71	C80	C90	C100	C112	C132	C160	C180	C200	C225	C250	C280
GD20 2R	9.09	OK	OK	OK	OK									
	13.62	OK	OK	OK	OK									
	14.52	OK	OK	OK	OK									
	17.8	OK	OK	OK	OK									
	19.15	OK	OK	OK	OK									
	22.39	OK	OK	OK	OK									
	26.63	OK	OK	OK	OK									
	29.28	OK	OK	OK	OK									
	36.17	OK	OK	OK	1									
GD20 3R	42.83	OK	OK	OK										
	50.59	OK	OK	OK										
	64.21	OK	OK	OK										
	68.43	OK	OK	1										
	83.9	OK	OK	1										
	90.26	OK	OK	1										
	105.55	OK	OK	1										
	125.53	OK	OK	1										
	138.02	OK	1	1										
	170.5	OK	1	1										
GD30 2R	5.69			OK	OK	OK	OK							
	6.35			OK	OK	OK	OK							
	7.55			OK	OK	OK	OK							
	8.79			OK	OK	OK	OK							
	9.81			OK	OK	OK	OK							
	11.67			OK	OK	OK	OK							
	13.18	OK	OK	OK	OK	OK	OK							
	14.05	OK	OK	OK	OK	OK	OK							
	17.22	OK	OK	OK	OK	OK	1							
	18.53	OK	OK	OK	OK	OK	1							
	21.67	OK	OK	OK	OK	OK	1							
	25.77	OK	OK	OK	OK	1	1							
	28.33	OK	OK	OK	OK	1	1							
	35	OK	OK	OK	OK	1	1							
GD30 3R	45.67	OK	OK	OK	OK	1	1							
	52.73	OK	OK	OK	OK	1	1							
	56.19	OK	OK	OK	OK	1	1							
	68.89	OK	OK	OK	1	1	1							
	74.12	OK	OK	OK	1	1	1							
	86.67	OK	OK	OK	1	1	1							
	94.29	OK	OK	OK	1	1	1							
	103.08	OK	OK	OK	1	1	1							
	113.33	OK	OK	OK	1	1	1							
	140	OK	OK	1	1	1	1							
	180	OK	OK	1	1	1	1							
GD40 2R	5.69		OK	OK	OK	OK	OK	OK						
	6.72		OK	OK	OK	OK	OK	OK						
	7.55		OK	OK	OK	OK	OK	OK						
	8.79		OK	OK	OK	OK	OK	OK						
	10.38		OK	OK	OK	OK	OK	OK						
	11.67		OK	OK	OK	OK	OK	OK						
	13.18		OK	OK	OK	OK	OK	OK						
	14.05		OK	OK	OK	OK	OK	OK						
	17.22		OK	OK	OK	OK	OK	1						
	21.67		OK	OK	OK	OK	OK	1						
	25.77		OK	OK	OK	OK	OK	1						
	28.33		OK	OK	OK	OK	1	1						
	31.36		OK	OK	OK	OK	1	1						
	35		OK	OK	OK	OK	1	1						
GD40 3R	46.67		OK	OK	OK	OK	1	1						
	52.73		OK	OK	OK	1	1	1						
	56.19		OK	OK	OK	1	1	1						
	68.89		OK	OK	OK	1	1	1						
	86.67		OK	OK	OK	1	1	1						
	103.08		OK	OK	OK	1	1	1						
	113.33		OK	OK	1	1	1	1						
	125.45		OK	OK	1	1	1	1						
	140		OK	OK	1	1	1	1						
	178		OK	OK	1	1	1	1						
GD50 2R	6.46							OK	OK					
	7.84							OK	OK					
	8.97							OK	OK					
	9.61							OK	OK					
	11.77							OK	OK					
	13.22							OK	OK					
	16.18							OK	1					
	19.55							OK	1					
	21.93							OK	1					
	24.94							OK	1					
	28.12						OK	OK	OK					
	31.25						OK	OK	OK					
	35.01						OK	OK	1					
	39.6						OK	OK	1					
GD50 3R	40.96					OK	OK	OK						
	46.93					OK	OK	OK						
	53.85					OK	OK	OK						
	61.98					OK	OK	OK						
	69.69					OK	OK	1						
	84.6					OK	OK	1						
	97.35				OK	OK								
	109.8				OK	OK								
	124.73				OK	OK								
	142.99				OK	OK								
	156.51				OK	OK								
	177.15				OK	OK								
	202.65				OK	1								
	234.95				OK	1								
GD60 2R	6.53							OK	OK	OK				
	7.62							OK	OK	OK				
	8.96							OK	OK	OK				
	10.02							OK	OK	OK				
	11.95							OK	OK	OK				
	13.74							OK	OK	OK				
	16.39							OK	OK	OK				
	18.59							OK	OK	OK				
	22.15							OK	OK	1				
	26.17						OK	OK	OK					
	29.3						OK	OK	OK	1				
	33.38						OK	OK	OK	1				
	37.38						OK	OK	OK					
	45.14						OK	OK	OK					

REDUÇÃO X CARCAÇA

MODELO	RED	CARCAÇAS IEC												
		C63	C71	C80	C90	C100	C112	C132	C160	C180	C200	C225	C250	C280
GD60 3R	53.57				OK	OK	OK	OK						
	60.07				OK	OK	OK	OK						
	67.57				OK	OK	OK	OK						
	76.31				OK	OK	OK	OK						
	86.65				OK	OK	OK	1						
	92.55				OK	OK	OK	1						
	107.03				OK	OK	OK	1						
	121.48			OK	OK	OK	1							
	135.92			OK	OK	OK	1							
	153.25			OK	OK	OK	1							
	174.43			OK	OK	1	1							
	186.88			OK	OK	1	1							
	216.79			OK	OK	1	1							
	255.89			OK	OK	1	1							
	280.33			OK	OK	1	1							
GD70 2R	6.94									OK	OK			
	7.62									OK	OK			
	8.9									OK	OK			
	10.64									OK	OK			
	11.67									OK	OK			
	13.5									OK	OK			
	15.77									OK	OK			
	18.65									OK	OK			
	21.06									OK	1			
	24									OK	1			
	27.54							OK	OK	OK				
	31.2							OK	OK	OK				
	35.78							OK	OK	OK				
GD70 3R	44.18							OK	OK					
	51.84							OK	OK					
	63.87					OK	OK	OK						
	66.71					OK	OK	OK						
	79.92					OK	OK	OK						
	92.4					OK	OK	OK						
	108					OK	OK	OK						
	120.76				OK	OK	OK							
	136.08				OK	OK	OK							
	154.8				OK	OK	OK							
	178.2				OK	OK	OK							
	192.24				OK	OK	OK							
	226.8				OK	OK	1							
GD90 2R	6.64										OK	OK	OK	
	7.17										OK	OK	OK	
	8.06										OK	OK	OK	
	9.08										OK	OK	OK	
	10.27										OK	OK	OK	
	12.19										OK	OK	OK	
	15.37										OK	OK	OK	
	18.86										OK	OK	OK	
	22.35										OK	OK	1	
	25.29										OK	OK		
	27.01										OK	OK		
	33.53									OK	OK	OK		
GD90 3R	37.84									OK	OK			
	39.76									OK	OK			
	46.44									OK	OK			
	54.94							OK	OK	OK	OK			
	62.03							OK	OK	OK				
	70.69							OK	OK	OK				
	79.17							OK	OK	OK				
	92.47							OK	OK	1				
	109.39							OK	1	1				
	123.5							OK	1	1				
	140.74							OK	1	1				
	161.5							OK	1	1				
	182.96							OK	1	1				
	209.79							OK	1	1				
GD100 2R	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
	12.6										OK	OK	OK	OK
	14.49										OK	OK	OK	OK
	16.84										OK	OK	OK	OK
	18.74										OK	OK	OK	OK
	22.31									OK	OK	OK	OK	OK
GD100 3R	25.06										OK	OK	OK	OK
	28.33										OK	OK	OK	1
	32.15										OK	OK	OK	1
	33.56										OK	OK	OK	1
	37.94										OK	OK	1	1
	43.06										OK	OK	1	1
	51.38										OK	OK	1	1
	59.13										OK	1	1	1
	68.66										OK	1	1	1
	76.34									OK	OK	1	1	1
	91.72									OK	1	1	1	1
	102.61								OK	OK				
	117.44								OK	1				
	136.23							OK	OK					
	153.98							OK	OK					
	164.42							OK	OK					
	176.17							OK	1					

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
D= REDUTOR SÉRIE GD

---

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
V=VAZADO

---

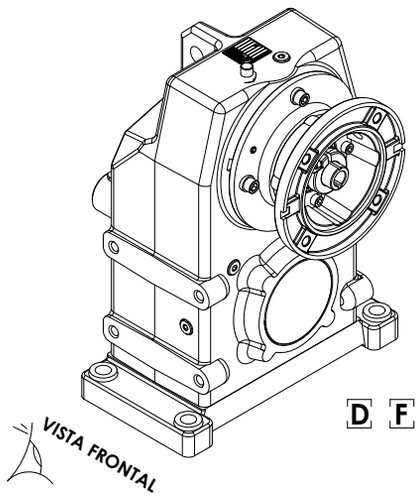
5 POSICIONAMENTO EIXO DE SAÍDA
0= VAZADO
1= ESQUERDA
2= DIREITA
3= PARA CIMA
4= PARA BAIXO
5= VAZADO COM DISCO DE CONTRAÇÃO
6= PARA FRENTE
7= PARA TRÁS

---

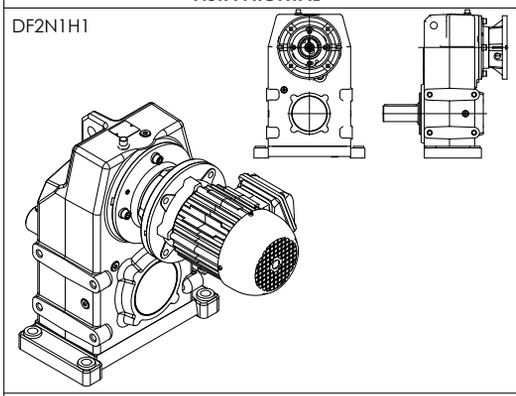
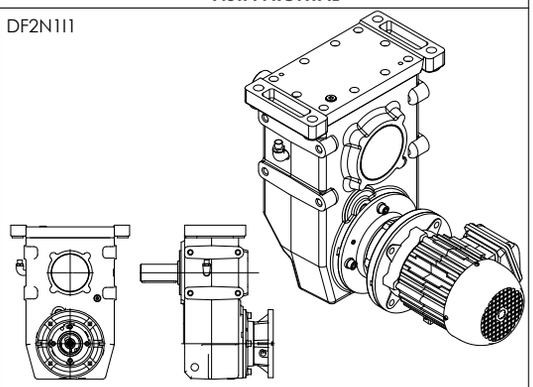
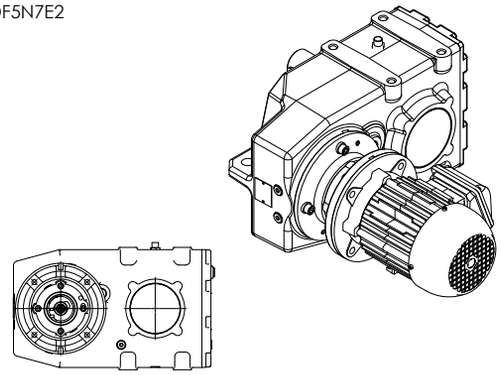
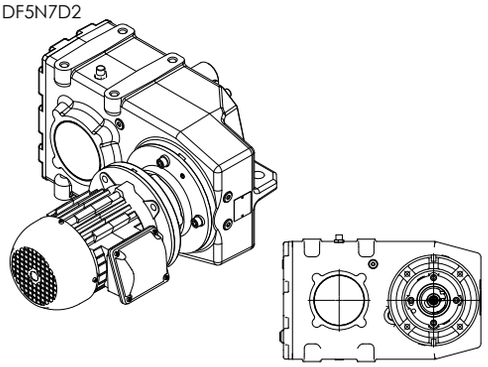
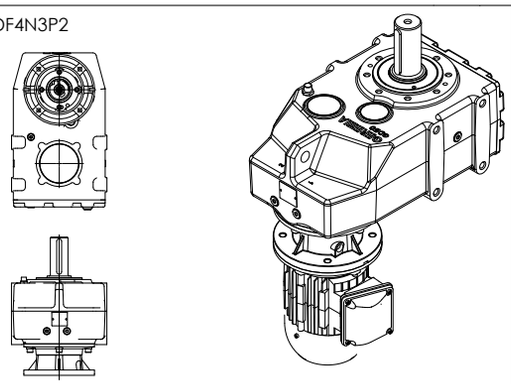
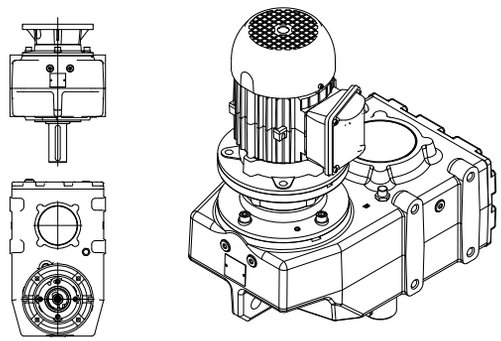
6 POSIÇÃO DO EIXO DE ENTRADA EM RELAÇÃO AO EIXO DE SAÍDA
H= EIXO DE ENTRADA HORIZONTAL SUPERIOR
I = EIXO DE ENTRADA HORIZONTAL INFERIOR
V= EIXO DE ENTRADA VERTICAL PARA CIMA
P= EIXO DE ENTRADA VERTICAL PARA BAIXO
D= EIXO DE ENTRADA HORIZONTAL A DIREITA
E= EIXO DE ENTRADA HORIZONTAL A ESQUERDA

---

7 ACESSÓRIOS
1= BASE
2= TAMPA
3= FLANGE DE SAÍDA
4= BASE + FLANGE DE SAÍDA
5= PENDULAR
6= TAMPA + FURAÇÃO LATERAL
7= BASE + FURAÇÃO LATERAL

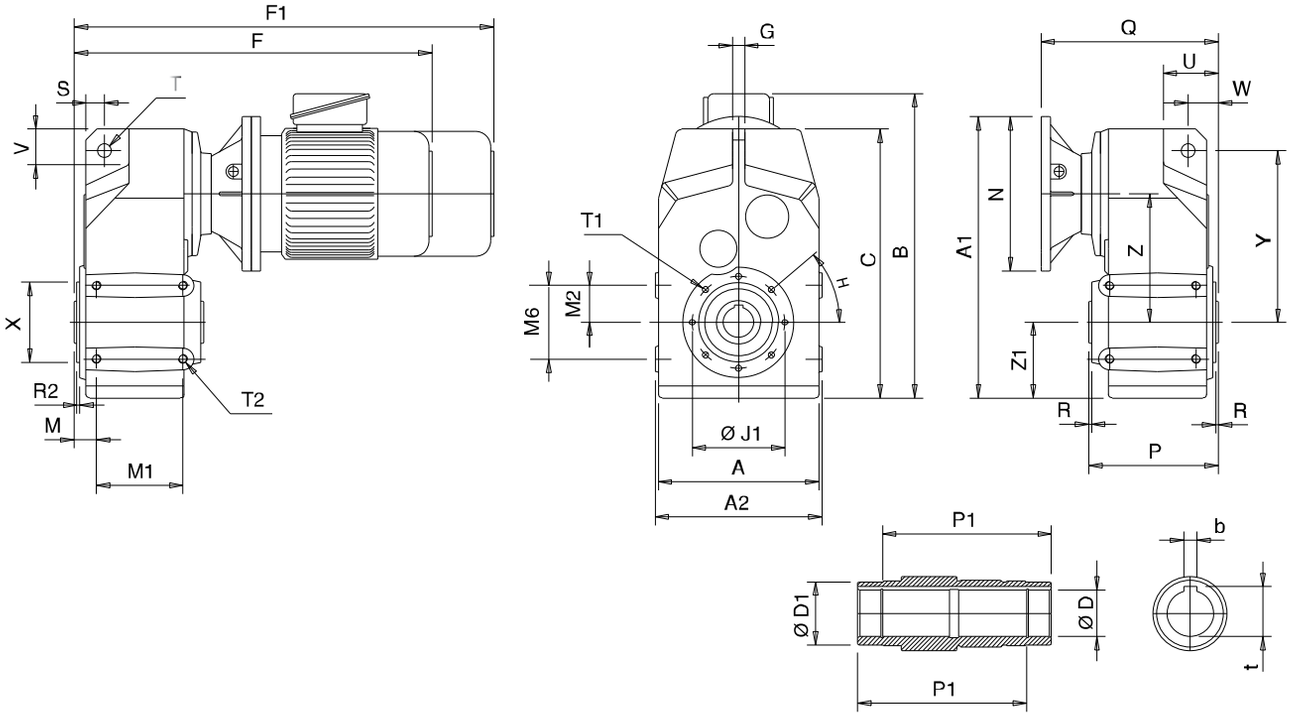


D F 2 N 1 H 1

VISTA FRONTAL	VISTA FRONTAL
DF2N1H1 	DF2N1I1 
DF5N7E2 	DF5N7D2 
DF4N3P2 	DF3N4V2 

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

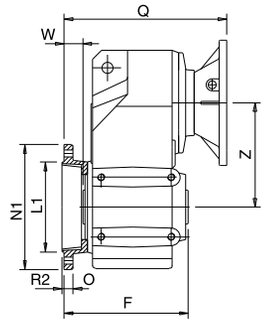
REDUTORES COM EIXO VAZADO PREDISPOSTOS PARA ACOPLAMENTO COM MOTORES IEC B5 COM FURAÇÕES LATERAIS

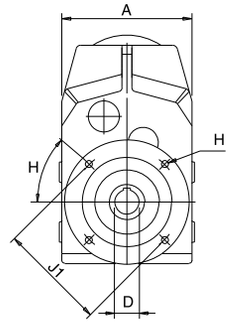


TIPO	IEC	A	A1	A2	B	b	C	ØD[H7]	ØD1	F	F1	G	ØJ1	M	M1	M2	M6	N	P	P1	Q	R	R2	S	T	T1	T2	t	U	V	W	X	Y	Z	Z1	H
GD 20	63	165	253	170	296	8	233	25	40	357,5	435,5	12	96	18	77	31	115	140	124	106	165,85	4	6	16	14	5xM8	M8	28,3	58	34	28	80	142	113	70	30
	71		263		304					386	450							160			168															
	80		283		313					414	480							200			178															
	90		283		333					457	520							200			178															
GD 30	63	172	283	180	326	8	275	30	50	378	422	12	105	27	93	43	135	140	143	124	185,5	4	5	20	14	6xM8	M10	33,3	60	35	33	90	170	128	85	0
	71		293		334					400	488							160			188															
	80		313		343					424	513							200			198															
	90		313		363					479	578							200			198															
	100		338		373					518	589							250			205															
	112		338		393					537	609							250			205															
GD 40	71	212	333	220	374	12	338	40	60	422	510	16	125	33,5	112	60	190	160	183	156	215	5	4	29	14	6xM10	M12	43,3	78	42	41	105	218	153	100	0
	80		353		383					456	545							200			220															
	90		353		403					501	600							200			220															
	100		378		403					543	614							250			226															
	112		378		433					560	634							250			226															
	132		403		460					616	792							300			260															
GD 50	71	260	411	270	453	14	436	50	70	492	590	20	150	37	140	60	120	160	210	183	271	5	5	30	22	8xM10	M14	53,8	90	58	50	130	278	209	123	0
	80		431		462					524	608							200			281															
	90		431		482					556	663							200			281															
	100		456		492					592	702							250			288															
	112		456		475					609	723							250			288															
	132		481		539					661	837							300			305															
GD 60	80	315	509	325	539	18	544	60	85	546	630	26	185	47	160	75	150	200	240	210	308	5	6	34	22	8xM12	M16	64.4	108	65	62	150	346	255	154	0
	90		509		559					578	685							200			308															
	100		534		569					614	724							250			315															
	112		534		589					631	775							250			315															
	132		559		616					691	867							300			332															
	160		584		659					849	1061							350			408															
	180		584		687,5					961.5	1088							350			408															
GD 70	90	390	571	404	621	20	626	70	95	640,5	704	30	220	48	205	180	300	200	300	270	361	6	8	36	26	8xM16	M20	74,9	129	83	60	190	395	285	186	0
	100/112		596		651					702	776							250			368															
	132		621		678					793	887,5							300			384															
	160/180		646		741					1068	*							350			476															
	200		671		765					1094	*							400			476															
GD 90	132	442	742	450	799,6	25	760	90	120	829,5	923,5	41	260	69,5	220	125	400	300	340	280	419,5	4	4	36	26	*	M24	95,4	87	91	88	*	485	363,6	229	0
	160/180		767		862,6					1040,5	*							350			448,5															
	200		793		886,6					1169	*							400			512															
	225		817		960,6					1249	*							450			542															
GD100	132	500	732	530	801.3	28	820	100	135	966,8	1061	35	*	79	270	308	450	300	410	373	557	5	*	44	32	*	M30	106.4	122	100	110	*	550	361.7	220	*
	160/180		757		859.6					1145.3	1271.7							350			591.7															
	200		782		896.1					1255.2	*							400			599															
	225		808		985.1					1375	*							450			629															
	250/280		858		1020.1					1590.1	*							550			660															

1 - Para linha GD 90 com eixo maciço ou vazado não existe as furações referentes as letras J1, H, T1
2 - No caso de aplicação de servo motores entrar em contato com a Geremia Redutores para avaliação da aplicação
3 - Nas caixas do GD 20/30/40 quando necessitar de furações laterais, solicitar na hora da compra
4 - GD 40 C 132 é aplicado para carcaças aumentadas (motores de 50Hz) e colocar limitador de potência

VERSÃO COM FLANGE MONTADO EIXO VAZADO

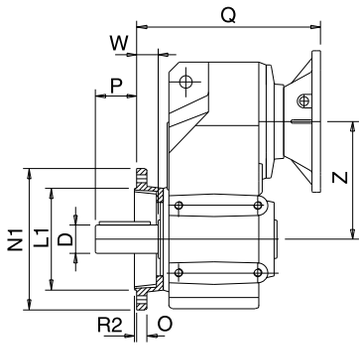


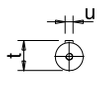


TIPO	IEC	A	D	F	H	J1	L1	N1	O	Q	R2	W	Z	H
GD 20	63	165	25	136	9	130	110	160	10	177	3,5	11,5	113	45°
	71									179,5				
	80									189,5				
	90									189,5				
GD 30	63	172	30	165	11	165	130	200	14	207,5	3,5	22	128	45°
	71									210				
	80									220				
	90									220				
	100									227				
	112									227				
GD 40	71	212	40	205	14	215	180	250	16	231	4	21	153	45°
	80									241				
	90									241				
	100									248				
	112									248				
	132									281				

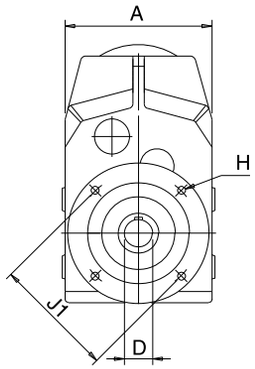
TIPO	IEC	A	D	F	H	J1	L1	N1	O	Q	R2	W	Z	H
GD 50	71	260	50	248	14	215	180	250	18	308	4	37	209	45°
	80									318				
	90									318				
	100									325				
	112									325				
	132									342				
GD 60	80	315	60	268	18	300	250	350	20	335	5	27	255,5	45°
	90									335				
	100									342				
	112									342				
	132									359				
	160									435				
	180									435				
GD 70	90	390	70	342	18	400	350	450	22	402,5	5	41,5	285	0°
	100/120									409,5				
	132									425				
	160/180									517,5				
	200									517,5				
GD 90	132	442	90	391	18	400	350	450	25	460,5	5	41	363,6	22,5°
	160/180									482,5				
	200									553				
	225									583				
GD100	132	500	100	461	17,5	500	450	550	30	608	5	51	361,7	22,5°
	160/180									6427				
	200									650				
	225									680				
	250/280									711				

VERSÃO COM FLANGE MONTADO EIXO MACHO





EIXO MACHO DE SAÍDA

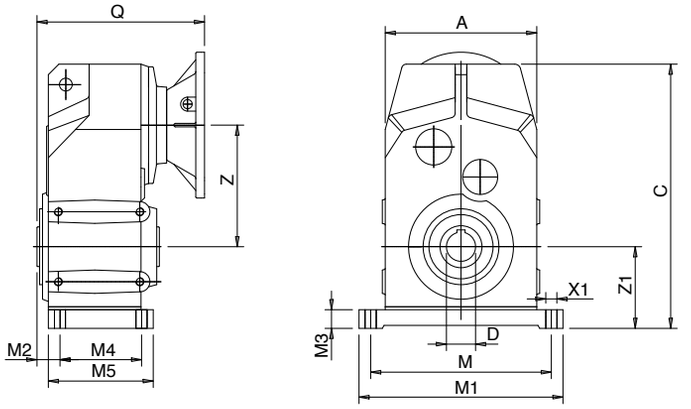


TIPO	IEC	A	D	H	J1	L1	N1	O	P	Q	R2	t	u	W	Z
GD 20	63	165	25	9	130	110	160	10	38,5	177	3,5	28	8	11,5	113
	71									179,5					
	80									189,5					
	90									189,5					
GD 30	63	172	30	11	165	130	200	14	38	207,5	3,5	33	8	22	128
	71									210					
	80									220					
	90									220					
	100									227					
	112									227					
GD 40	71	212	40	14	215	180	250	16	58	231	4	43	12	21	153
	80									241					
	90									241					
	100									248					
	112									248					
	132									281					

TIPO	IEC	A	D	H	J1	L1	N1	O	P	Q	R2	t	u	W	Z
GD 50	71	260	50	14	215	180	250	18	73	308	4	53,5	14	37	209
	80									318					
	90									318					
	100									325					
	112									325					
	132									342					
GD 60	80	315	60	18	300	250	350	20	113	335	5	64	18	27	255,5
	90									335					
	100									342					
	112									342					
	132									359					
	160									435					
	180									435					
GD 70	90	390	70	18	400	350	450	22	98,5	402,5	5	74,5	20	41,5	285
	100/120									409,5					
	132									425					
	160/180									517,5					
	200									517,5					
GD 90	132	442	90	18	400	350	450	25	170	460,5	5	95	25	0	363,6
	160/180									482,5					
	200									553					
	225									583					
GD100	132	500	110	17,5	500	450	550	30	162	608	5	116	28	48	361,7
	160/180									6427					
	200									650					
	225									680					
	250/280									711					

1 - Para linha GD 20/30/40/50/60, J1 com 4 furos equidistantes
2 - Para linha GD 70/90, J1 com 8 furos equidistantes

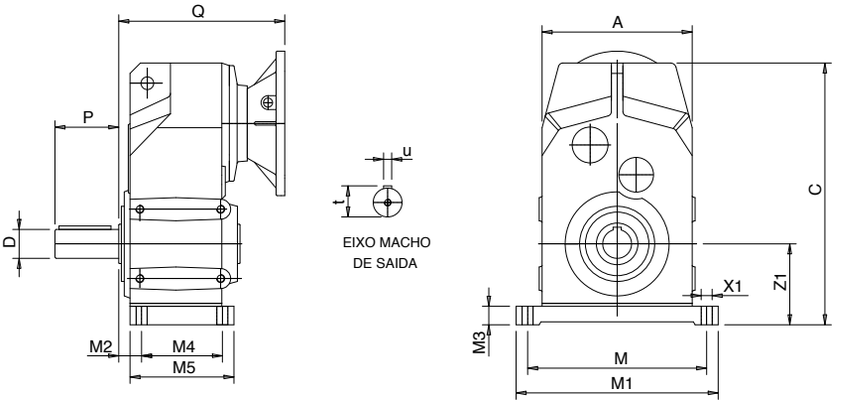
VERSÃO COM PÉS PARA MONTAGEM EIXO VAZADO



TIPO	IEC	A	C	D	M	M1	M2	M3	M4	M5	Q	Z	Z1	X1
GD 20	63	165	240	25	192	215	28	17	90	120	165,85	113	77	11
	71										168			
	80										178			
	90										178			
GD 30	63	172	280	30	210	240	30	25	95	128	185,5	128	90	13
	71										188			
	80										198			
	90										198			
	100										205			
	112										205			
GD 40	71	212	353	40	260	300	29	35	125	164	209	153	115	17
	80										219			
	90										219			
	100										226			
	112										226			
	132										260			

TIPO	IEC	A	C	D	M	M1	M2	M3	M4	M5	Q	Z	Z1	X1
GD 50	80	260	453	50	310	350	40	37	140	180	280,25	209	140	19
	90										280,25			
	100										288			
	112										288			
	132										305			
GD 60	80	315	570	60	380	440	43	50	160	200	308	255,5	180	19
	90										308			
	100										315			
	112										315			
	132										332			
	160										408			
	180										408			

VERSÃO COM PÉS PARA MONTAGEM, EIXO MACHO

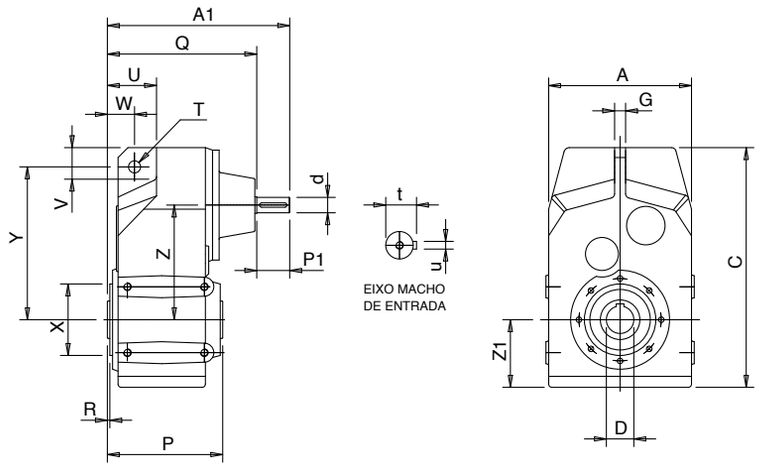


TIPO	IEC	A	C	D	M	M1	M2	M3	M4	M5	P	Q	t	u	Z1	X1
GD 20	63	165	240	25	192	215	28	17	90	120	50	166	113	8	77	11
	71											168,5				
	80											178,5				
	90											178,5				
GD 30	63	172	280	30	210	240	30	25	95	128	60	185,5	33	8	90	13
	71											188				
	80											198				
	90											198				
	100											205				
	112											205				
GD 40	71	212	353	40	260	300	29	35	125	164	80	209	43	12	115	17
	80											219				
	90											219				
	100											226				
	112											226				
	132											260				

TIPO	IEC	A	C	D	M	M1	M2	M3	M4	M5	P	Q	t	u	Z1	X1
GD 50	80	260	453	50	310	350	40	37	140	180	110	280,25	53,5	14	140	19
	90											280,25				
	100											288				
	112											288				
	132											305				
GD 60	80	315	570	60	380	440	43	50	160	200	140	308	64	18	180	19
	90											308				
	100											315				
	112											315				
	132											332				
	160											408				
	180											408				

Redutor modelo GD 70 / GD 90 não possuem base apenas tampa
Chavetas e ranhuras ver: NBR 6375

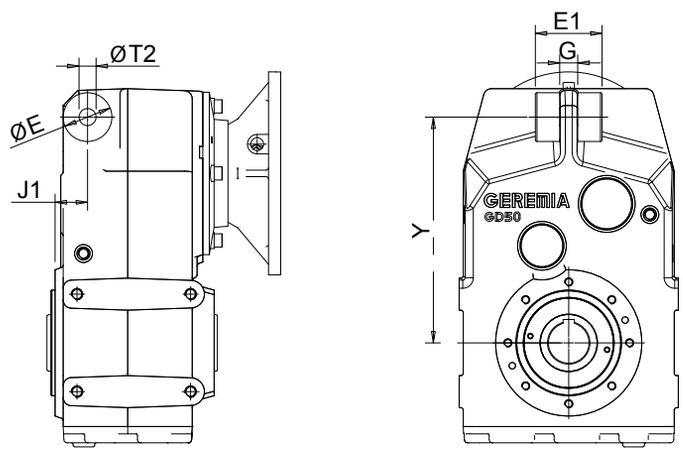
REDUTOR COM EIXO VAZADO
EIXO MACHO NA ENTRADA



TIPO	A	A1	C	d^{j6}	D^{H7}	G	P	P1	Q	R	T	t	U	u	V	W	X	Y	Z	Z1
GD 20	165	201	233	19	25	12	124	40	161	4	14	21,5	58	6	34	28	80	142	113	70
GD 30	172	234	275	19	30	12	143	40	194	4	14	21,5	60	6	35	33	90	170	128	85
GD 40	212	264	338	24	40	16	183	50	214	5	14	27	78	8	42	41	105	218	153	100
GD 50	260	336,7	436	28	50	20	210	60	276,7	5	22	31	90	8	58	50	130	278	209	123
GD 60	315	351,5	544	28	60	26	240	60	291,5	5	22	31	108	8	65	62	150	346	255,5	154
GD 70	390	501,7	626	42	70	30	300	110	391,7	6	26	45	129	12	83	60	190	395	285	186
GD 90	442	505,7	760	48	90	41	350	110	395,7	4	26	51,5	139	14	91	88	-	485	363,3	229
GD100	500	669.05	820	55	100	43	410	110	559.05	5	32	106.4	188	28	100	110	-	550	361.77	220

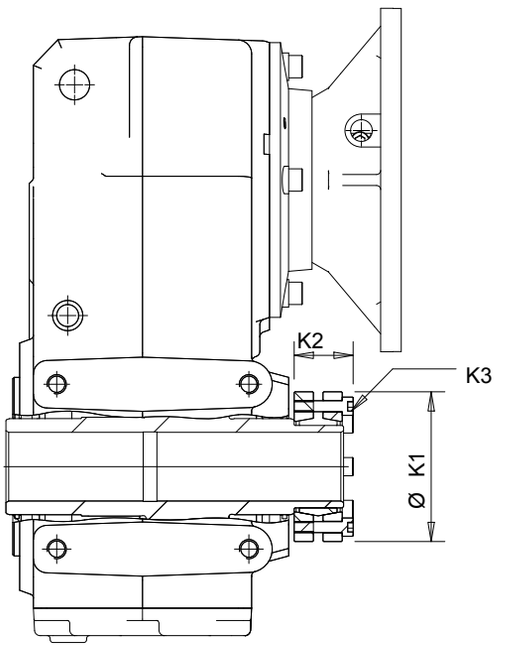
Chavetas e ranhuras ver: NBR 6375
Consultar assistência técnica sobre cargas radiais admissíveis

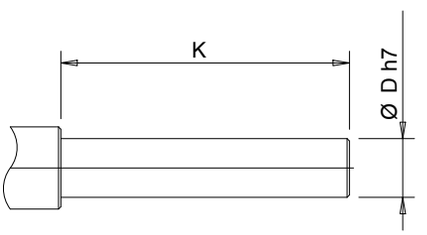
REDUTOR COM PENDULAR



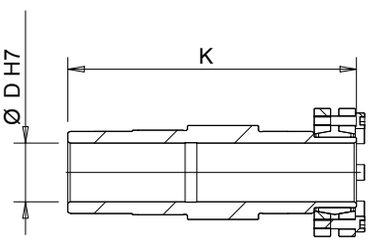
TIPO	E	E1	G	T2	Y	J1
GD 20	40	52	12	12,5	142	18
GD 30	40	53	13	12,5	170	24
GD 40	40	58	16	12,5	218	32
GD 50	60	80	20	21	278	40
GD 60	60	86	26	21	346	51
GD 70	80	110	30	25	395	46
GD 90	80	120	40	25	485	80
GD100	100	163	43	32	550	110

REDUTOR COM DISCO DE CONTRAÇÃO





EIXO DO CLIENTE

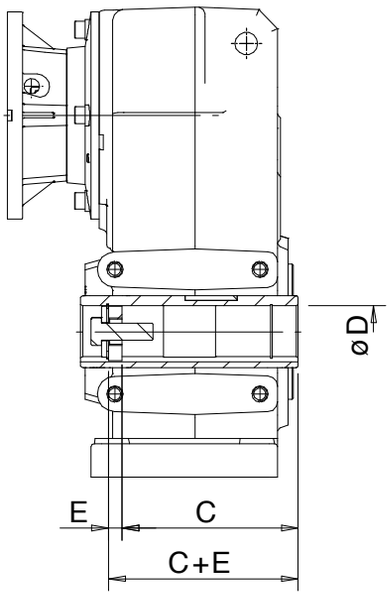


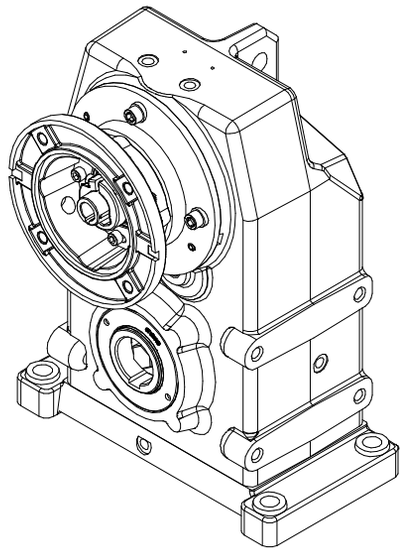
EIXO DO REDUTOR

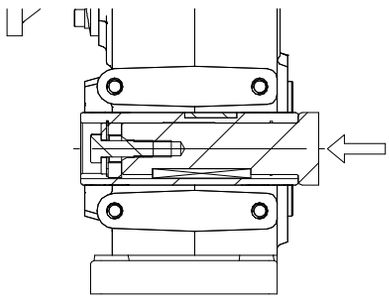
TIPO	D	K	Ø K1	K2	K3	Mp (Nm)
GD 20	25	151,5	72	27,5	M6	4
GD 30	30	175	72	27,5	M6	12
GD 40	40	215	90	31,5	M6	12
GD 50	50	246	110	34,5	M8	12
	55		118			
GD 60	60	279	145	37,8	M8	30
	65					
GD 70	70	350	155	54,3	M10	30
	75					
GD 90	90	405	185	62,4	M10	59
GD100	105	485	230	68	M12	100

Mp - Torque aplicado por parafuso

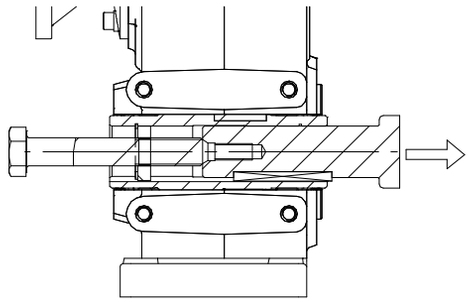
KIT FIXAÇÃO/EXTRAÇÃO







FIXAÇÃO

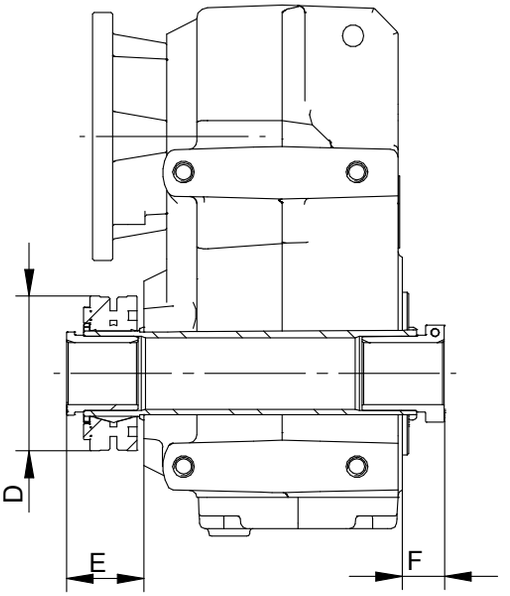


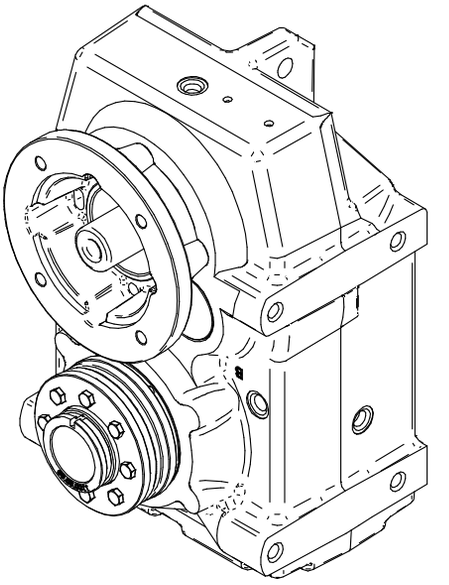
EXTRAÇÃO

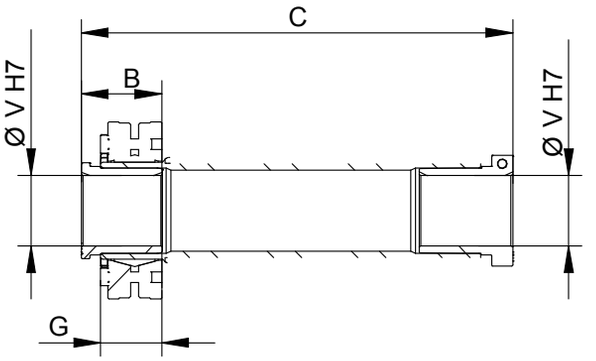
REDUTOR	ø D^{H7}	C	E	C+E	Kit
GD20	25	99.4	6.3	105.7	KF25
GD30	30	114.5	9.5	124	KF30
GD40	40	143.5	12.7	156.2	KF40
GD50	50	170.3	12.7	183	KF50
GD60	60	194.1	15.9	210	KF60
GD70	70	251.5	15.9	267.4	KF70
GD90	90	280	19	299	KF90
GD100	100	354	19	373	KF100

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.

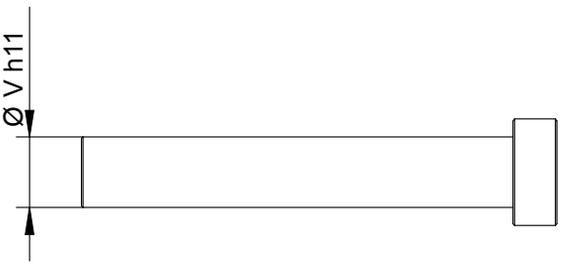
G-FIX INOX





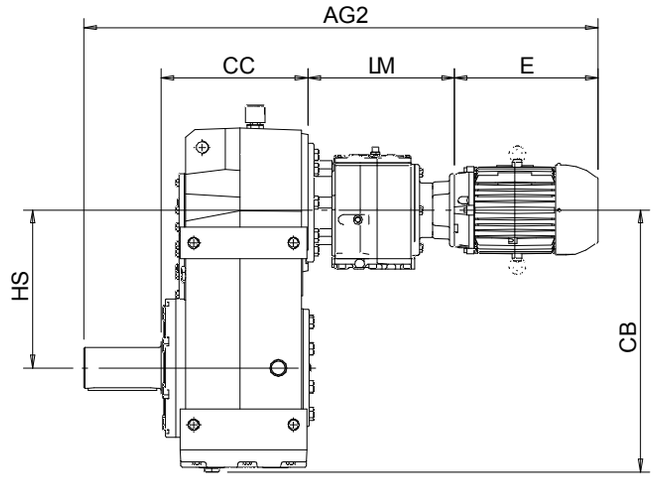


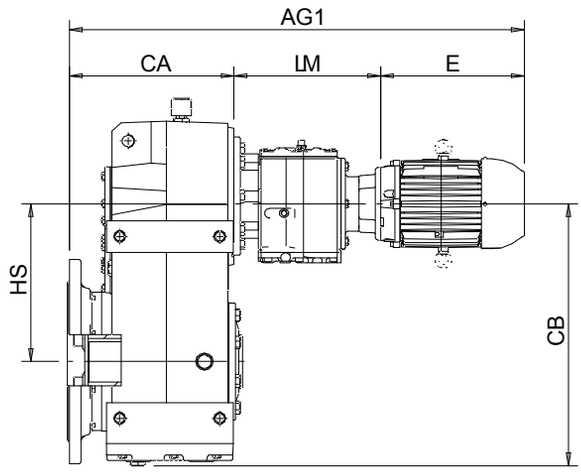
EIXO DO REDUTOR



EIXO DO CLIENTE

REDUTOR	ØV	B	C	D	E	F	G
GD20	25	38.5	180.5	72	42	22.5	27.5
GD30	35	42.5	204	90	46	27	31.5
GD40	40	45.5	244	100	50	27	34.5
GD50	50	45.5	275	115	51	28	34.5
GD60	65	48.8	307.5	145	53.4	29.1	37.8
GD70	75	63.5	379	170	67.15	31.85	52.5
GD90	95	71.2	445.8	215	102.85	31.95	60.4
GD100	105	79	518	230	101	37	68

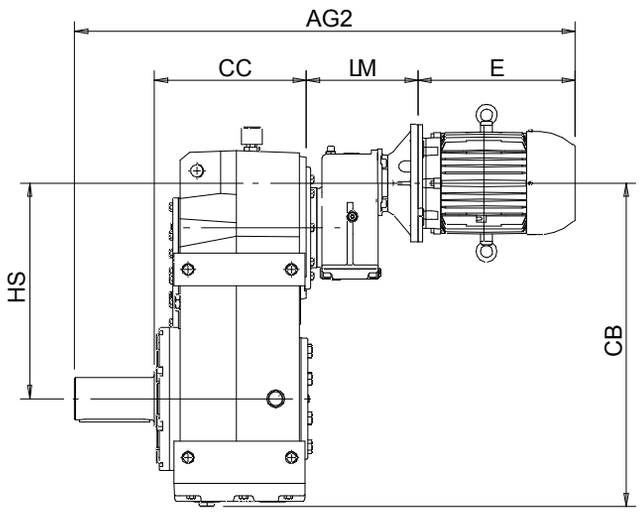


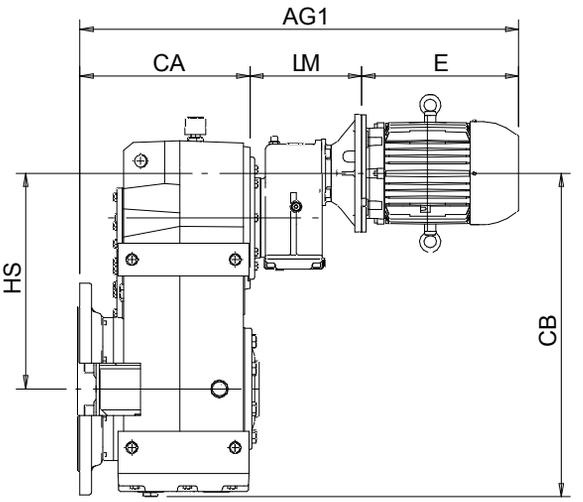


MODELO	IEC ABNT	E	LM	HS	CB	CA	CC	AG1	AG2
GD30GC15	C63B14	193,3	178,5	122,09	207,09	220	198	591,8	629,8
	C71B14	219	179,5	122,09	207,09	220	198	618,5	656,5
	C80B14	237	190	122,09	207,09	220	198	647	685
GD40GC15	C63B14	193,3	178,5	147,55	247,55	205,3	183,1	577,1	634,9
	C71B14	219	179,5	147,55	247,55	205,3	183,1	603,8	661,9
	C80B14	237	190	147,55	247,55	205,3	183,1	632,3	690,1
GD50GC25	C63B14	193,3	217,25	202,88	325,88	229	192	639,55	712,55
	C71B14	1	218,25	202,88	325,88	229	192	448,25	521,25
	C80B14	237	226,25	202,88	325,88	229	192	692,25	765,25
	C90B14	280	227,25	202,88	325,88	229	192	736,25	809,25
GD60GC35	C71B14	219	243	233	394	238	211,3	700	813,25
	C80B14	237	253	233	394	238	211,3	728	841,25
	C90B14	280	253	233	394	238	211,3	771	884,25
	C100B14	316,1	283	233	394	238	211,3	837,1	950,35
	C112B14	334,1	283	233	394	238	211,3	855,1	968,35
GD70GC35	C71B14	219	236	263	449	322,5	281	777,5	876
	C80B14	237	246	263	449	322,5	281	805,5	904
	C90B14	280	246	263	449	322,5	281	848,8	947
	C100B14	316,1	276	263	449	322,5	281	914,6	1013,1
	C112B14	334,1	276	263	449	322,5	281	932,6	1031,1
GD90GC45	C80B14	237	302,5	346,8	575,8	362	323	901,5	1032,5
	C90B14	280	302,5	346,8	575,8	362	323	944,5	1075,5
	C100B14	316,1	322,5	346,8	575,8	362	323	1000,6	1131,6
	C112B14	334,1	322,5	346,8	575,8	362	323	1018,6	1149,6
	C132B14	434.5	332.5	346.8	575.8	362	323	1129	1260
GD100GC45	C80B14	237	270.5	345.02	565.02	420	372	927.5	1089.5
	C90B14	280	270.5	345.02	565.02	420	372	970.5	1132.5
	C100B14	316.1	290.5	345.02	565.02	420	372	1026.6	1188.6
	C112B14	334.1	290.5	345.02	565.02	420	372	1044.6	1206.6
	C132B14	434.5	300.5	345.02	565.02	420	372	1155	1317

* 1- Redutor modelo GD90GC45 com flange e eixo de saída maciço aumenta 39mm na medida (AG2 e CC).

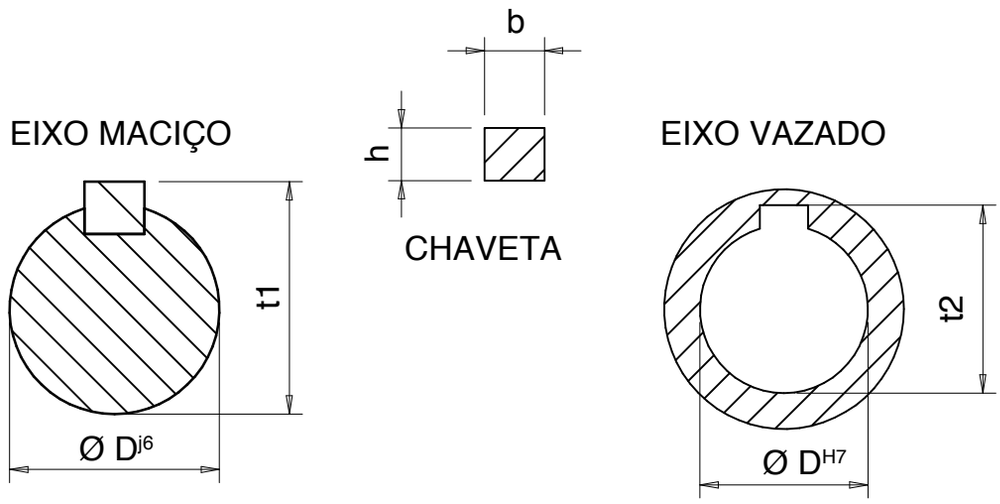
REDUTOR GD+GA





MODELO	IEC ABNT	E	LM	HS	CB	CA	CC	AG1	AG2
GD30GA56	C63B5	193,3	139,5	172,76	257,76	210	188	542,8	580,8
	C71B5	219	142	172,76	257,76	210	188	571	609
	C80B5	237	156,5	172,76	257,76	210	188	603,5	641,5
GD40GA71	C71B5	219	153	204,45	304,45	205,3	183,1	577,3	635,1
	C80B5	237	153	204,45	304,45	205,3	183,1	595,3	653,1
	C90B5	280	153	204,45	304,45	205,3	183,1	638,3	696,1
	C100B5	316,1	160	204,45	304,45	205,3	183,1	681,4	739,2
GD50GA90	C80B5	237	185	271.68	394.68	229	192	651	724
	C90B5	280	185	271.68	394.68	229	192	694	767
	C100/112B5	434.5	192	271.68	394.68	229	192	855.5	928.5
GD60GA90	C80B5	237	185	318	479	238	211.25	660	773.25
	C90B5	280	185	318	479	238	211.25	703	816.25
	C100/112B5	434.5	192	318	479	238	211.25	864.5	977.75
GD70GA112	C90B5	280	234	380	566	322.5	281	836.5	935
	C100/112B5	334.1	241	380	566	322.5	281	897.6	996.1
	C132B5	434.5	255	380	566	322.5	281	1012	1110.5
GD90GA112	C90B5	280	231.1	458.55	687.55	362	323	873.1	1004.1
	C100/112B5	334.1	238.1	458.55	687.55	362	323	934.2	1065.2
	C132B5	434.5	252.1	458.55	687.55	362	323	1048.6	1179.6
GD100GA132	C100/112B5	334.1	254	488.77	708.77	420	372	1008.1	1170.1
	C132B5	434.5	283	488.77	708.77	420	372	1137.5	1299.5
	C160B5	532.65	302.5	488.77	708.77	420	372	1255.15	1417.15

* 1- Redutor modelo GD90GA112 com flange e eixo de saída maciço aumenta 39mm na medida (AG2 e CC).



EIXO MACIÇO DE ENTRADA					
REDUTOR	ØD H7	CHAVETA		RASGO	
		b	h	t1	t2
GD20	19	6	6	21.5	21.8
GD30	19	6	6	21.5	21.8
GD40	24	8	7	27	27.3
GD50	28	8	7	31	31.3
GD60	28	8	7	31	31.3
GD70	42	12	8	45	45.3
GD90	48	14	9	51.5	51.8
GD100	55	16	10	59	59.3

EIXO VAZADO DE SAÍDA					
REDUTOR	ØD H7	CHAVETA		RASGO	
		b	h	t1	t2
GD20	25	8	7	28	28.3
GD30	30	8	7	33	33.3
GD40	40	12	8	43	43.3
GD50	50	14	9	53.5	53.8
GD60	60	18	11	64.1	64.4
GD70	70	20	12	74.6	74.9
GD90	90	25	14	95.1	95.4
GD100	110	28	16	116.1	116.4

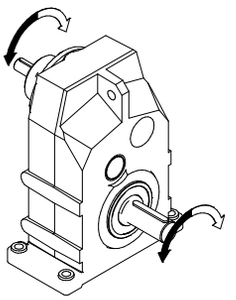
EIXO MACIÇO DE SAÍDA					
REDUTOR	ØD H7	CHAVETA		RASGO	
		b	h	t1	t2
GD20	25	8	7	28	28.3
GD30	30	8	7	33	33.3
GD40	40	12	8	43	43.3
GD50	50	14	9	53.5	53.8
GD60	60	18	11	64.1	64.4
GD70	70	20	12	74.6	74.9
GD90	90	25	14	95.1	95.4
GD100	100	28	16	116.1	116.4

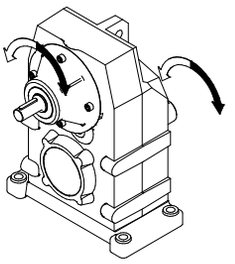
SENTIDO DE GIRO

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

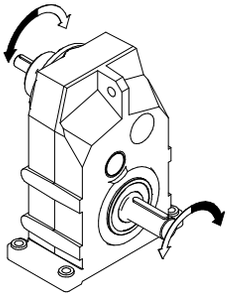
Horizontal Superior

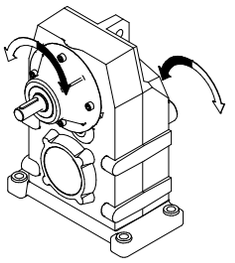
2R



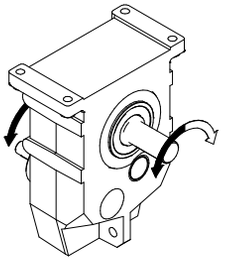


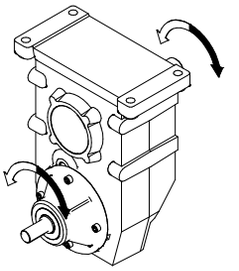
3R

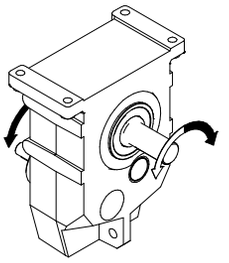


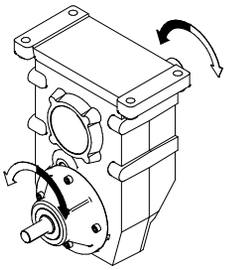


Horizontal Inferior



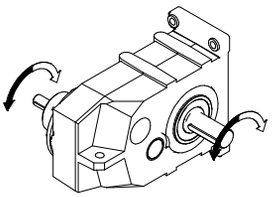


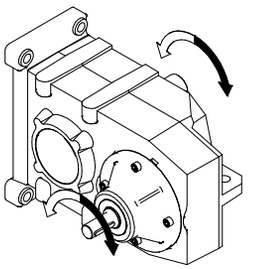




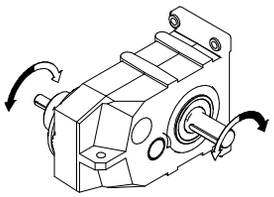
Horizontal Direita

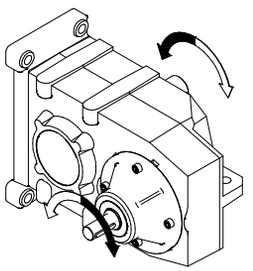
2R



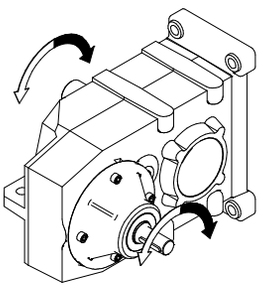


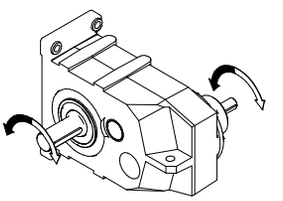
3R

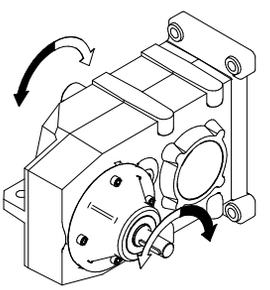


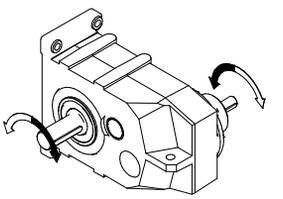


Horizontal Esquerda





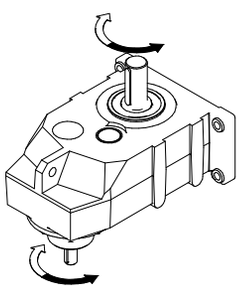


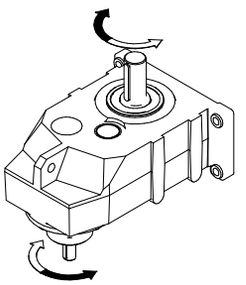


Vertical Inferior

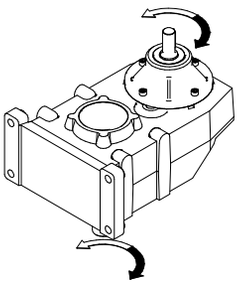
2R

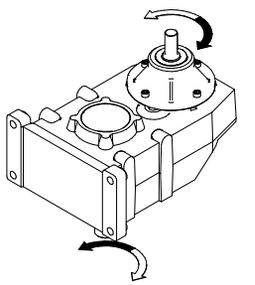
3R





Vertical Superior





FORÇAS RADIAIS DE SAÍDA (Fra)

MOD.	RED	SAÍDA	
		RPM SAÍDA	FRa (N)
GD 20/2R	9,09	187,20	2200
	13,62	125,00	2600
	14,52	117,20	2700
	17,80	95,50	3000
	19,15	88,77	3100
	22,39	75,93	3500
	26,63	63,84	3700
	29,28	58,06	3900
	36,17	47,00	4200
GD 20/3R	42,83	39,69	4300
	50,59	33,60	4300
	64,21	26,48	4300
	68,43	24,84	5000
	83,90	20,26	5000
	90,26	18,83	5000
	105,55	16,11	5000
	125,53	13,54	5000
	138,02	12,32	5000
	170,50	9,97	5000

MOD.	RED	SAÍDA	
		RPM SAÍDA	FRa (N)
GD 30/2R	5.69	298.77	3000
	6.35	267.72	3000
	7.55	225.17	3000
	8,79	193,40	3500
	9,81	173,29	3600
	11,67	145,70	4000
	13,18	128,98	4500
	14,05	121,00	4500
	17,22	98,72	5000
	18,53	91,74	5000
	21,67	78,45	6000
	25,77	66,00	6300
	28,33	60,01	6300
	35,00	45,57	6300
GD 30/3R	46,67	36,50	6500
	52,73	32,24	6500
	56,19	30,25	7000
	68,89	24,68	7000
	74,12	22,94	7000
	86,67	19,61	7000
	94,29	18,03	7000
	103,08	16,49	7000
	113,33	15,00	7000
	140,00	12,14	7000
	180,00	9,44	7000
GD 30/3R GA56	220,45	7,71	7000
	268,67	6,33	7000
	310,01	5,48	7000
	364,43	4,66	7000
	397,50	4,28	7000
	436,07	3,90	7000
	482,23	3,53	7000
GD30/3R GC15/2R	600,11	2,83	7000
	735,53	2,31	7000
	791,16	2,15	7000
	925,45	1,84	7000
	1100,20	1,55	7000
	1209,77	1,41	7000
	1494,65	1,14	7000
GD30/3R GC15/3R	1643,56	1,03	7000
	1921,70	0,88	7000
	2222,88	0,76	7000
	2725,78	0,62	7000
	2932,56	0,58	7000
	3165,18	0,54	7000
	3428,71	0,50	7000
	4078,27	0,42	7000
	4768,85	0,36	7000
	5539,21	0,31	7000
	6477,02	0,26	7000

MOD.	RED	SAÍDA	
		RPM SAÍDA	FRa (N)
GD 40/2R	5.96	285.23	3500
	6.72	252.98	3500
	7.55	225.17	3500
	8,79	193,40	4000
	10,38	163,78	4000
	11,67	145,67	4500
	13,18	128,98	5000
	14,05	121,00	5500
	17,22	98,72	7000
	21,67	78,45	7000
	25,77	65,97	8000
	28,33	60,01	8000
	31,36	54,21	8000
	35,00	48,57	8000
GD 40/3R	46,67	36,43	10300
	52,73	32,24	10300
	56,19	30,25	10300
	68,89	24,68	10300
	86,67	19,61	10500
	103,08	16,49	10500
	113,33	15,00	10500
	125,45	13,56	10500
	140,00	12,14	11000
	178,00	9,55	11000
GD 40/3R GA 71	181,87	9,35	11000
	236,98	7,17	11000
	255,58	6,65	11000
	298,29	5,70	11000
	354,78	4,79	11000
	390,61	4,35	11000
	482,23	3,53	11000
GD 40/3R GC15/2R	563,16	3,02	11000
	690,24	2,46	11000
	742,44	2,29	11000
	868,46	1,96	11000
	1032,45	1,65	11000
	1135,28	1,50	11000
	1402,62	1,21	11000
GD 40/3R GC 15 3R	1542,35	1,10	11000
	1803,37	0,94	11000
	2086,00	0,81	11000
	2557,93	0,66	11000
	2970,28	0,57	11000
	3473,33	0,49	11000
	4207,85	0,40	11000
	4920,24	0,35	11000
	6078,19	0,28	11000

MOD.	RED	SAÍDA	
		RPM SAÍDA	FRa (N)
GD 50/2R	6.46	263.16	7000
	7.84	216.84	7000
	8.79	193.40	7000
	9.61	176.90	7000
	11.77	144.44	7500
	13,22	128,59	7500
	16,18	105,07	8000
	19,55	86,96	8000
	21,93	77,00	8000
	24,94	68,16	9000
	28,12	60,46	9000
	31,25	54,40	10000
	35,00	48,57	10000
	39,60	42,93	11000
GD 50/3R	40,96	41,50	11000
	46,93	36,22	12500
	53,85	31,57	12500
	61,98	27,43	12500
	69,69	24,39	13000
	84,60	20,09	14000
	97,35	17,46	15000
	109,80	15,48	16000
	124,73	13,63	16000
	143,00	11,89	16000
	156,51	10,86	16000
	177,15	9,60	16000
	202,65	8,39	16000
	234,95	7,24	16000
GD 50/3R GA 90	239,73	7,09	16000
	301,76	5,63	16000
	358,90	4,74	16000
	395,14	4,30	16000
	436,96	3,89	16000
	487,83	3,48	16000
GD 50/3R GC 25/2R	555,19	3,06	16000
	672,59	2,53	16000
	833,06	2,04	16000
	919,76	1,85	16000
	1073,23	1,58	16000
	1179,85	1,44	16000
	1305,86	1,30	16000
	1457,72	1,17	16000
GD50/3R GC 25/3R	1683,35	1,01	16000
	1985,99	0,86	16000
	2368,86	0,72	16000
	2870,21	0,59	16000
	3236,39	0,53	16000
	3924,05	0,43	16000
	5034,44	0,34	16000
	6218,60	0,27	16000
	7187,90	0,24	16000
	7995,65	0,21	16000

FORÇAS RADIAIS DE SAÍDA (Fra)

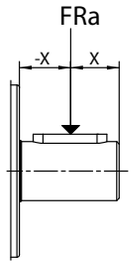
MOD.	RED	SAÍDA	
		RPM SAÍDA	FRa (N)
GD 60/2R	6.53	260.34	5000
	7.62	223.10	5000
	8.96	189.73	5000
	10.02	169.66	5000
	11.95	142.26	5500
	13,74	123,73	6000
	16,39	103,72	7000
	18,59	91,45	8000
	22,15	76,75	9500
	26,17	64,96	10000
	29,30	58,02	12000
	33,38	50,93	12500
	37,38	45,48	12500
	45,14	37,66	13000
GD 60/3R	53,57	31,73	15000
	60,07	28,30	15000
	67,57	25,16	16000
	76,31	22,28	16000
	86,65	19,62	17000
	92,55	18,37	17000
	107,03	15,88	20000
	121,48	13,99	20000
	135,92	12,51	20000
	153,25	11,09	20000
	174,43	9,75	20500
	186,88	9,10	20500
	216,79	7,84	20500
	255,89	6,64	20500
	280,33	6,06	20500
GD 60/3R GA 90	262.51	6.48	20500
	330.42	5.14	20500
	393.00	4.33	20500
	432.68	3.93	20500
	478.46	3.55	20500
	534.17	3.18	20500
GD 60/3R GC35/2R	681.79	2,49	20500
	813.35	2,09	20500
	985.15	1,73	20500
	1110.69	1,53	20500
	1220.02	1,39	20500
	1346.77	1,26	20500
	1572.03	1,08	20500
GD 60/3R GC35/3R	1862.77	0.91	20500
	2172.73	0.78	20500
	2775.23	0.61	20500
	3311.06	0.51	20500
	4011.47	0.42	20500
	4523.27	0.38	20500
	5483.79	0.31	20500
	7036.00	0.24	20500
	8691.53	0.20	20500
	11174.82	0.15	20500

MOD.	RED	SAÍDA	
		RPM SAÍDA	FRa (N)
GD 70/2R	6.94	244.96	10000
	7.62	223.10	10000
	8.90	191.01	10000
	10.64	159.77	10000
	11.67	145.67	15000
	13,50	125,93	15000
	15,77	107,80	16000
	18,65	91,15	19000
	21,06	80,72	20000
	24,00	70,83	20000
	27,54	61,73	20000
	31,20	54,49	26000
	35,78	47,51	28000
GD 70/3R	44,18	38,48	29000
	51,84	32,79	29000
	63,87	26,62	29500
	66,71	25,48	29500
	79,92	21,27	29500
	92,40	18,40	30000
	108,00	15,74	30000
	120,76	14,08	30500
	136,08	12,49	30500
	154,80	10,98	30500
	178,20	9,54	31000
	192,24	8,84	31000
	226,80	7,50	31000
GD 70/3R GA 112	234.78	7.24	31000
	248.79	6.83	31000
	263.47	6.45	31000
	318.83	5.33	31000
	366.85	4.63	31000
	395.53	4.30	31000
	466.90	3.64	31000
GD 70/3R GC 35/2R	486.69	3.49	31000
	562.06	3.02	31000
	724.92	2.35	31000
	864.8	1.97	31000
	1047.47	1.62	31000
	1180.96	1.44	31000
	1297.20	1.31	31000
	1431.97	1.19	31000
	1671.48	1.02	31000
	1837.54	0.93	31000
GD 70/3R GC 35/3R	1980.61	0.86	31000
	2310.18	0.74	31000
	2950.79	0.58	31000
	3520.51	0.48	31000
	4265.24	0.40	31000
	4809.41	0.35	31000
	5280.77	0.32	31000
	6804.07	0.25	31000
	8281.38	0.21	31000
	9241.35	0.18	31000
	10681.62	0.16	31000
	11881.74	0.14	31000

MOD.	RED	SAÍDA	
		RPM SAÍDA	FRa (N)
GD 90/2R	6.39	266.04	20000
	7.17	237.10	20000
	8.06	210.92	25000
	9.08	187.22	25000
	10,27	165,53	26715
	12,19	139,43	27970
	15,37	110,62	29800
	18,86	90,14	31445
	22,35	76,05	32900
	25,29	67,22	34030
	27,01	62,94	34595
	33,53	50,70	36605
GD 90/3R	37,84	44,93	37850
	39,76	42,75	38315
	46,44	36,60	39890
	54,94	30,94	41820
	62,03	27,41	43395
	70,69	24,05	44785
	75,17	22,62	45300
	79,17	21,47	46415
	92,47	18,39	48372
	109,39	15,54	50800
	123,50	13,77	51700
	140,74	12,08	53900
	161,50	10,53	56600
	182,96	9,29	58230
	209,79	8,10	60100
GD 90/3R GA 112	218,35	7,79	60100
	231,37	7,35	60100
	245,02	6,94	60100
	296,50	5,73	60100
	341,17	4,98	60100
	367,84	4,62	60100
	434,21	3,92	60100
GD 90/3R GC 45/2R	473,91	3,59	60100
	529,74	3,21	60100
	629,60	2,70	60100
	754,91	2,25	60100
	918,66	1,85	60100
	1057,61	1,61	60100
	1231,92	1,38	60100
	1375,21	1,24	60100
	1603,48	1,06	60100
	2087,31	0,81	60100
GD 90/3R GC 45/3R	2297,59	0,74	60100
	3050,64	0,56	60100
	3659,77	0,46	60100
	5125,54	0,33	60100
	6665,12	0,26	60100
	8440,12	0,20	60100

FORÇAS RADIAIS DE SAÍDA (Fra)

MOD.	RED	SAÍDA	
		RPM SAÍDA	FRa (N)
GD100 2R	4.90	346.9	30000
	5.73	296.7	32000
	6.76	251.5	32000
	7.67	221.6	37000
	8.97	189.5	36500
	10.58	160.7	34000
	12.60	134.9	36500
	14.49	117.3	36500
	16.84	101.0	39000
	18.74	90.7	42000
	22.31	76.2	42000
GD100 3R	25.06	67.8	46000
	28.33	60.0	51000
	32.15	52.9	51000
	33.56	50.7	51000
	37.94	44.8	55000
	43.06	39.5	58000
	51.38	33.1	62000
	59.13	28.8	65500
	68.66	24.8	70000
	76.34	22.3	74500
	91.72	18.5	80000
	102.61	16.6	85000
	117.44	14.5	88000
	136.23	12.5	90000
	153.98	11.0	90000
	164.42	10.3	90000
	176.17	9.6	90000
GD100 GA132	200.49	8.48	90000
	236.88	7.18	90000
	267.77	6.35	90000
	304.85	5.58	90000
	350.17	4.85	90000
	396.85	4.28	90000
	455.22	3.73	90000
GD100 GC45/2R	504.97	3.37	90000
	600.17	2.83	90000
	719.61	2.36	90000
	875.72	1.94	90000
	1008.17	1.69	90000
	1174.32	1.45	90000
	1310.91	1.30	90000
	1528.51	1.11	90000
	1660.37	1.02	90000
	1812.33	0.94	90000
	1989.72	0.85	90000
	2073.10	0.82	90000
	1572.03	1,08	20500
GD100 GC45/2R	2190.18	0.78	90000
	2447.39	0.69	90000
	2908.01	0.58	90000
	3488.67	0.49	90000
	4243.17	0.40	90000
	4885.91	0.35	90000
	5689.49	0.30	90000
	6353.52	0.27	90000
	7406.03	0.23	90000
	8045.82	0.21	90000
	8783.17	0.19	90000
	9643.51	0.18	90000



GD 20 > Fx=FRa . 124 / (124± X)

GD 30 > Fx=FRa . 149 / (149± X)

GD30 + GA56 >Fx=FRa . 149 / (149± X)

GD30 + GC15 >Fx=FRa . 149 / (149± X)

GD 40 > Fx=FRa . 184 / (184± X)

GD40 + GA71 > Fx=FRa . 184 / (184± X)

GD40 + GC15 > Fx=FRa . 184 / (184± X)

GD 50 > Fx=FRa . 229 / (229± X)

GD50 + GA90 > Fx=FRa . 229 / (229± X)

GD50 + GC25 > Fx=FRa . 229 / (229± X)

GD 60 > Fx=FRa . 265 / (265± X)

GD60 + GA90 > Fx=FRa . 265 / (265± X)

GD60 + GC35 > Fx=FRa . 265 / (265± X)

GD 70 > Fx=FRa . 329 / (329± X)

GD70 + GA112 > Fx=FRa . 329 / (329± X)

GD70 + GC35 > Fx=FRa . 329 / (329± X)

GD 90 > Fx=FRa . 377 / (377± X)

GD90 + GA112 > Fx=FRa . 377 / (377± X)

GD90 + GC45 > Fx=FRa . 377 / (377± X)

GD 100 > Fx=FRa . 462 / (462± X)

GD100 + GA132 > Fx=FRa . 462 / (462± X)

GD100 + GC45 > Fx=FRa . 462 / (462± 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