

**MOMENTI D'INERZIA / MOMENTS OF INERTIA / TRÄGHEITSMOMENT
MOMENTS D'INERTIE / MOMENTOS DE INERCIA / MOMENTO DE INERCIA**

Il momento d'inerzia Jr [Kgcm²] indicato nelle tabelle è riferito all'albero veloce del riduttore.

Le moment d'inertie Jr [Kgcm²] indiquée dans les tableaux se réfère à l'arbre d'entrée du reducteur.

The moment of inertia Jr [Kgcm²] shown in these tables refers to the gear reducer's input shaft.

El momento de inercia Jr [Kgcm²] indicado en las tablas se refiere al eje rápido (entrada) del reductor.

Das in den Tabellen angegebene Trägheitsmoment Jr [Kgcm²] ist abhängig von der Antriebswelle.

O momento de inercia Jr [Kgcm²] indicada na tabela é referido ao eixo veloz do ridutor.

Jr [Kgcm²]



141	i	IEC 63	IEC 71	IEC 80				
	1.29	1.172	1.164	1.290				
2.33	1.041	1.032	1.159					0.859
2.79	0.995	0.986	1.113					0.812
3.40	0.961	0.952	1.079					0.779
4.24	0.928	0.919	1.046					0.745
4.79	0.890	0.882	1.009					0.708
5.47	1.035	1.026	1.153					0.852
7.46	0.790	0.781	0.908					0.608

191	i	IEC 63	IEC 71	IEC 80	IEC 90	IEC 100-112		
	1.26	2.608	2.604	2.554	2.436	4.350		
2.23	2.393	2.390	2.339	2.221	4.135			2.078
2.73	2.339	2.336	2.286	2.167	4.081			2.024
3.22	2.188	2.180	2.128	2.016				1.872
4.11	2.228	2.221	2.168	2.032				1.879
4.71	2.146	2.137	2.086	1.974				1.829
5.47	2.080	2.071	2.020	1.908				1.763
7.82	1.914	1.906	1.854	1.742				1.598

241	i	IEC 63	IEC 71	IEC 80	IEC 90	IEC 100-112		
	1.26	2.608	2.604	2.554	2.436	4.350		
2.23	2.393	2.390	2.339	2.221	4.135			2.078
2.73	2.339	2.336	2.286	2.167	4.081			2.024
3.22	2.188	2.180	2.128	2.016				1.872
4.11	2.228	2.221	2.168	2.032				1.879
4.71	2.146	2.137	2.086	1.974				1.829
5.47	2.080	2.071	2.020	1.908				1.763
7.82	1.914	1.906	1.854	1.742				1.598

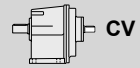
281	i	IEC 71	IEC 80	IEC 90	IEC 100-112	IEC 132		
	1.14	9.472	9.578	9.433	9.206	14.063		
1.56	8.533	8.639	8.494	8.267	13.124			7.124
2.29	7.920	8.026	7.881	7.654	12.511			6.511
2.83	7.360	7.438	7.286	7.094				5.968
3.38	7.126	7.204	7.052	6.860				5.697
3.84	6.948	7.026	6.874	6.682				5.519
4.41	6.747	6.825	6.673	6.481				5.318
5.57	6.388	6.466	6.314	6.121				4.959
7.36	5.948	6.026	5.873	5.681				4.519

381	i	IEC 80	IEC 90	IEC 100-112	IEC 132			
	1.63	21.938	22.706	21.714	21.625			
2.29	20.339	21.140	20.117	20.102				16.679
3.00	19.312	20.114	19.091	19.076				15.652
3.38	18.857	19.659	18.636	18.621				15.197
4.11	18.084	18.886	17.863	17.847				14.424
4.75	18.336	18.319	18.115	18.099				14.685
5.57	16.796	16.780	16.575	16.560				13.146
7.36	15.577	15.560	15.356	15.340				11.927
10.40	14.201	14.174	13.979					10.544

Jr [Kgcm²]



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162	i	IEC 63	IEC 71	IEC 80				
	3.70	1.313	1.187	1.195				1.013
	5.10	1.255	1.129	1.138				0.956
	7.11	0.975	0.848	0.857				0.675
	7.62	1.171	1.045	1.053				0.871
	9.80	0.945	0.818	0.827				0.645
	11.95	0.844	0.622	0.630				0.542
	14.63	0.901	0.774	0.783				0.601
	16.47	0.827	0.605	0.613				0.524
	20.74	0.735	0.513	0.521				0.432
	24.59	0.800	0.578	0.586				0.498
	25.51	0.711	0.489	0.497				0.408
	28.57	0.725	0.502	0.511				0.422
	35.14	0.703	0.481	0.489				0.400
42.67	0.709	0.487	0.495				0.407	
52.48	0.691	0.468	0.477				0.388	

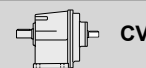
202	i	IEC 63	IEC 71	IEC 80	IEC 90			
	5.49	2.573	2.569	2.519	2.401			2.258
	6.46	2.526	2.523	2.473	2.354			2.212
	7.75	2.471	2.468	2.418	2.299			2.156
	8.57	2.437	2.433	2.383	2.265			2.122
	9.92	2.157	2.154	2.103	1.985			1.842
	11.67	2.131	2.128	2.078	1.959			1.816
	14.00	2.101	2.097	2.047	1.929			1.786
	15.48	2.082	2.078	2.028	1.910			1.767
	18.01	1.885	1.876	1.825	1.713			1.568
	21.19	1.871	1.862	1.810	1.699			1.554
	25.43	1.854	1.845	1.794	1.682			1.537
	28.13	1.843	1.835	1.783	1.671			1.527
	31.71	1.663	1.655	1.603	1.491			1.347
37.31	1.655	1.647	1.595	1.483			1.339	
44.77	1.646	1.637	1.586	1.474			1.329	
49.52	1.640	1.631	1.580	1.468			1.323	

203	i	IEC 63	IEC 71				
	58.1	0.815	0.807				0.716
	64.3	0.811	0.802				0.712
	69.2	0.668	0.660				0.569
	81.4	0.664	0.656				0.566
	97.7	0.660	0.652				0.561
	108.1	0.657	0.649				0.559
	120.1	0.542	0.534				0.444
	141.3	0.540	0.532				0.442
	169.5	0.538	0.530				0.439
187.5	0.536	0.528				0.438	

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252	i	IEC 63	IEC 71	IEC 80	IEC 90	IEC 100-112	
	5.02	4.068	4.065	4.014	3.896	5.810	3.753
	5.92	3.981	3.977	3.927	3.808	5.722	3.666
	6.47	3.909	3.905	3.855	3.737	5.651	3.594
	7.88	3.768	3.764	3.714	3.596	5.510	3.453
	8.93	3.214	3.211	3.161	3.042	4.956	2.899
	10.53	3.165	3.162	3.111	2.993	4.907	2.850
	11.51	3.125	3.121	3.071	2.953	4.867	2.810
	14.01	3.046	3.042	2.992	2.873	4.787	2.731
	16.42	2.675	2.667	2.614	2.479		2.326
	19.35	2.648	2.641	2.588	2.452		2.299
	21.16	2.626	2.619	2.566	2.430		2.277
	25.75	2.583	2.576	2.523	2.387		2.234
	31.27	2.149	2.140	2.089	1.977		1.832
36.86	2.135	2.126	2.075	1.963		1.818	
40.29	2.123	2.115	2.063	1.951		1.807	
49.04	2.101	2.092	2.040	1.928		1.784	
253	i	IEC 63	IEC 71				
	60.1	1.388	1.379				1.405
	69.6	1.158	1.149				1.059
	82.0	1.151	1.143				1.052
	89.7	1.146	1.138				1.047
	109.1	1.136	1.128				1.037
	122.5	0.881	0.872				0.782
	144.4	0.877	0.869				0.778
	157.9	0.874	0.866				0.775
192.1	0.868	0.860				0.770	
302	i	IEC 71	IEC 80	IEC 90	IEC 100-112	IEC 132	
	3.74	12.858	12.964	12.819	12.592	17.449	11.449
	4.56	12.538	12.643	12.499	12.272	17.129	11.129
	5.11	11.014	11.119	10.975	10.747	15.604	9.605
	6.22	10.779	10.885	10.740	10.513	15.370	9.370
	6.93	10.641	10.747	10.602	10.375	15.232	9.232
	7.78	10.486	10.592	10.447	10.220	15.077	9.077
	7.51	9.609	9.714	9.570	9.342	14.199	8.200
	9.14	9.449	9.554	9.410	9.182	14.040	8.040
	10.18	9.355	9.460	9.316	9.089	13.946	7.946
	11.43	9.249	9.355	9.211	8.983	13.840	7.841
	12.62	7.964	8.042	7.890	7.698		6.535
	15.37	7.869	7.947	7.795	7.603		6.440
	17.11	7.813	7.891	7.739	7.547		6.384
	19.21	7.751	7.829	7.676	7.484		6.322
	24.19	6.472	6.550	6.397	6.205		5.043
29.45	6.422	6.500	6.348	6.156		4.993	
32.80	6.393	6.471	6.319	6.127		4.964	
36.82	6.360	6.438	6.286	6.094		4.931	

Jr [Kgc^m²]



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303	i	IEC 63	IEC 71	IEC 80	IEC 90		
	41.2	4.785	4.781	4.731	4.612		4.470
	46.2	4.758	4.755	4.705	4.586		4.443
	54.0	3.398	3.395	3.344	3.226		3.083
	65.8	3.376	3.372	3.322	3.204		3.061
	73.3	3.363	3.359	3.309	3.191		3.048
	82.2	3.348	3.345	3.294	3.176		3.033
	99.3	2.913	2.906	2.853	2.717		2.564
	120.9	2.901	2.894	2.841	2.705		2.552
	134.7	2.894	2.887	2.834	2.698		2.545
	151.1	2.886	2.879	2.826	2.690		2.537
	189.2	2.274	2.265	2.214	2.102		1.957
	230.3	2.268	2.259	2.207	2.095		1.951
256.5	2.264	2.255	2.204	2.092		1.947	
287.9	2.260	2.251	2.200	2.088		1.943	

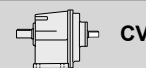
352	i	IEC 71	IEC 80	IEC 90	IEC 100-112	IEC 132	
	3.74	14.202	14.307	14.163	13.935	18.793	12.793
	4.56	13.817	13.923	13.778	13.551	18.408	12.408
	5.11	11.998	12.103	11.959	11.732	16.589	10.589
	6.22	11.716	11.822	11.677	11.450	16.307	10.307
	6.93	11.546	11.652	11.507	11.280	16.137	10.137
	7.78	11.353	11.458	11.314	11.086	15.943	9.944
	7.51	10.278	10.384	10.239	10.012	14.869	8.869
	9.14	10.087	10.192	10.048	9.820	14.677	8.678
	10.18	9.971	10.076	9.932	9.704	14.562	8.562
	11.43	9.839	9.945	9.800	9.573	14.430	8.430
	12.62	8.363	8.441	8.288	8.096		6.934
	15.37	8.249	8.327	8.174	7.982		6.820
	17.11	8.180	8.258	8.106	7.913		6.751
	19.21	8.102	8.179	8.027	7.835		6.672
	24.19	6.680	6.758	6.605	6.413		5.251
29.45	6.620	6.698	6.546	6.354		5.191	
32.80	6.584	6.662	6.510	6.318		5.155	
36.82	6.543	6.621	6.469	6.277		5.114	

353	i	IEC 63	IEC 71	IEC 80	IEC 90		
	41.2	4.937	4.933	4.883	4.764		4.622
	46.2	4.904	4.901	4.850	4.732		4.589
	54.0	3.491	3.488	3.437	3.319		3.176
	65.8	3.465	3.461	3.411	3.292		3.150
	73.3	3.449	3.445	3.395	3.276		3.134
	82.2	3.430	3.427	3.376	3.258		3.115
	99.3	2.964	2.956	2.903	2.768		2.615
	120.9	2.949	2.942	2.889	2.754		2.601
	134.7	2.940	2.933	2.880	2.745		2.592
	151.1	2.930	2.923	2.870	2.735		2.582
	189.2	2.301	2.292	2.240	2.128		1.984
	230.3	2.293	2.284	2.233	2.121		1.976
256.5	2.288	2.280	2.228	2.116		1.972	
287.9	2.283	2.274	2.223	2.111		1.966	

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Jr [Kgc^m²]

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452	i	IEC 80	IEC 90	IEC 100-112	IEC 132		
	4.42	29.150	29.918	28.926	28.837		
4.89	28.827	29.594	28.603	28.513			25.187
5.43	28.479	29.247	28.255	28.166			24.840
6.07	27.949	28.717	27.725	27.636			24.310
8.14	23.227	24.029	23.006	22.991			19.567
9.00	23.052	23.854	22.830	22.815			19.392
10.00	22.863	23.665	22.642	22.626			19.203
11.18	22.575	23.377	22.354	22.339			18.915
12.89	20.808	20.792	20.587	20.572			17.158
14.25	20.698	20.681	20.476	20.461			17.047
15.83	20.578	20.562	20.357	20.342			16.928
17.70	20.397	20.380	20.175	20.160			16.746
19.99	17.172	17.155	16.951	16.935			13.521
22.09	17.100	17.084	16.879	16.864			13.450
24.55	17.023	17.007	16.802	16.787			13.373
27.45	16.906	16.890	16.685	16.670			13.256
30.93	16.810	16.794	16.589	16.574			13.160
31.20	15.279	15.252	15.058				11.622
34.67	15.225	15.198	15.004				11.568
38.76	15.142	15.115	14.921				11.485
43.68	15.074	15.047	14.853				11.417

453	i	IEC 71	IEC 80	IEC 90	IEC 100-112		
	31.1	12.697	12.803	12.658	12.431		
34.4	12.651	12.757	12.612	12.385			11.242
38.2	12.602	12.707	12.563	12.335			11.193
42.7	12.526	12.632	12.487	12.260			11.117
45.7	10.754	10.860	10.715	10.488			9.345
50.5	10.723	10.828	10.684	10.456			9.314
56.1	10.689	10.795	10.650	10.423			9.280
62.7	10.638	10.743	10.599	10.371			9.229
76.8	8.634	8.712	8.560	8.368			7.205
84.9	8.615	8.693	8.541	8.349			7.186
94.3	8.595	8.673	8.521	8.329			7.166
105.5	8.565	8.643	8.491	8.299			7.136
147.2	6.827	6.905	6.753	6.561			5.398
162.7	6.818	6.896	6.743	6.551			5.389
180.7	6.807	6.885	6.733	6.541			5.378
202.1	6.791	6.869	6.717	6.525			5.362
227.7	6.778	6.856	6.704	6.512			5.349

552	i	IEC 90	IEC 100-112	IEC 132	IEC 160	IEC 180	
	2.78	73.087	70.212	70.196	93.935	91.858	
3.68	60.304	57.430	57.414	81.152	79.075		67.145
4.57	65.323	62.449	62.433	86.171	84.094		72.164
6.03	54.427	51.553	51.537	75.275	73.199		61.268
7.39	52.301	49.426	49.410	73.149	71.072		59.142
9.49	37.431	36.409	36.393	58.279	56.175		44.206
12.07	38.970	37.948	37.933	59.818	57.715		45.746
15.56	35.153	34.131	34.115	56.001	53.897		41.928
19.06	34.328	33.306	33.291	55.176	53.073		41.104
24.94	27.986	27.781	27.766	49.669			35.611
30.55	27.472	27.267	27.252	49.155			35.097
38.40	22.948	22.743	22.728	44.631			30.573
47.04	22.614	22.409	22.394	44.297			30.239
53.46	19.793	19.599					27.434
65.48	19.553	19.359					27.194

Jr [Kgc^m²]



RCV



CV

553	i	IEC 80	IEC 90	IEC 100-112	IEC 132		
	70.22	22.898	22.882	22.677	22.662		19.248
	88.88	18.664	18.648	18.443	18.428		15.014
	108.86	18.520	18.503	18.299	18.283		14.870
	118.46	20.921	20.905	20.700	20.685		17.271
	145.09	20.813	20.796	20.591	20.576		17.162
	183.64	17.245	17.228	17.023	17.008		13.594
	224.93	17.175	17.158	16.953	16.938		13.524
	259.37	15.381	15.355	15.160			11.724
317.67	15.332	15.305	15.111			11.675	

602	i	IEC 90	IEC 100-112	IEC 132	IEC 160	IEC 180	IEC 200	
	4.64	222.791	222.868	221.764	224.086	221.982	262.970	210.049
	5.04	218.763	218.840	217.736	220.058	217.955	258.942	206.021
	6.03	208.572	208.649	207.545	209.867	207.763	248.751	195.829
	7.38	197.351	197.428	196.324	198.646	196.543	237.530	184.609
	8.61	150.314	150.391	149.287	151.609	149.506	190.493	137.572
	9.36	148.145	148.222	147.118	149.440	147.337	188.324	135.403
	11.20	142.658	142.735	141.631	143.952	141.849	182.837	129.915
	13.71	136.616	136.693	135.589	137.911	135.807	176.795	123.873
	15.03	111.036	111.113	109.978	112.330	110.227		98.258
	16.34	109.793	109.870	108.735	111.088	108.985		97.015
	19.55	106.650	106.726	105.591	107.944	105.841		93.872
	23.93	103.188	103.265	102.130	104.483	102.380		90.410
	24.99	85.453	85.530	84.395	86.748			72.690
	27.16	84.706	84.783	83.648	86.001			71.943
	30.24	80.205	80.282	79.147	81.500			67.442
32.50	82.815	82.892	81.757	84.110			70.052	
36.18	78.507	78.584	77.449	79.801			65.744	
39.79	80.733	80.810	79.675	82.028			67.970	
44.29	76.637	76.713	75.579	77.931			63.874	

603	i	IEC 80	IEC 90	IEC 100-112	IEC 132	IEC 160	
	46.6	73.530	73.229	73.306	72.171	74.524	60.451
	55.8	72.428	72.127	72.204	71.069	73.422	59.349
	60.1	66.412	66.111	66.188	65.053	67.406	53.333
	71.9	65.557	65.256	65.333	64.198	66.551	52.478
	88.0	64.616	64.315	64.392	63.257	65.610	51.537
	96.3	55.792	55.491	55.568	54.434	56.786	42.729
	115.2	55.259	54.958	55.035	53.900	56.253	42.195
	136.5	48.396	48.095	48.172	47.037	49.390	35.332
	148.3	48.259	47.958	48.035	46.900	49.253	35.195
	177.5	47.913	47.612	47.689	46.554	48.906	34.849
	190.4	43.819	43.894	43.595			30.818
	207.0	43.721	43.796	43.497			30.720
	217.2	47.531	47.230	47.307			34.468
247.6	43.473	43.548	43.249			30.471	
303.1	43.199	43.275	42.975			30.198	