

INFORMATION ABOUT THE WORM REDUCTION GEARS IN CAST IREN BODIES

Technical parameters of the worm reduction gears in cast iron bodies

Table 1

Ratio	WG 40		WG 50		WG 63		WG 80		WG 100		WG 125		WG 160	
	P kW	M ₂ Nm	P kW	M ₂ Nm	P kW	M ₂ Nm	P kW	M ₂ Nm	P kW	M ₂ Nm	P kW	M ₂ Nm	P kW	M ₂ Nm
14	0.199	14	0.327	27	*	*	1.228	108	2.283	201	4.359	460	9.451	885
20	0.171	15	0.328	30	0.64	61	1.065	113	1.959	212	3.905	487	8.172	857
25	0.126	15	0.227	28	0.58	62	0.966	125	1.782	234	3.439	514	7.115	957
31.5	0.141	17	0.274	34	0.53	66	0.861	132	1.606	250	2.751	544	6.482	1055
40	0.129	18	0.242	36	0.466	69	0.797	134	1.504	252	2.87	579	5.857	1075
45	0.115	19	0.209	37	0.404	73	0.717	142	1.302	295	2.55	524	5.334	1210
50	0.091	18	0.161	33	0.337	69	0.65	142	1.215	278	2.339	610	4.756	1138
63	0.075	17	0.142	33	0.229	57	0.582	110	1.092	214	1.635	588	3.793	1081
71	0.031	10	0.06	18	*	*	0.498	76	0.939	157	1.598	453	2.095	606
80	*	*	0.083	23	0.161	46	0.342	94	0.616	184	1.071	396	1.729	717