

WORM REDUCTION GEARS IN ALUMINUM BODIES

Technical parameters of the worm reduction gears in aluminum bodies:

Table 3

Ratio	WGA 30		WGA 40		WGA 50		WGA 63	
	P	M ₂	P	M ₂	P	M ₂	P	M ₂
	kW	Nm	kW	Nm	kW	Nm	kW	Nm
6.3	0.41	13.8	*	*	*	*	*	*
14	*	*	*	*	0.327	27	0.64	61
16	0.33	27.3	*	*	*	*	*	*
19 (20)	0.29	25.6	0.17	17	0.328	30	0.64	61
25	*	*	0.135	18	0.227	28	0.58	62
30	*	*	0.11	15	*	*	*	*
31.5 (32)	0.22	28.97	*	*	0.274	34	0.53	66
35	*	*	0.118	19	*	*	*	*
38	*	*	0.11	19.5	*	*	*	*
40	0.18	25.2	*	*	0.242	36	0.53	69
45	*	*	0.097	20	0.209	37	0.404	73
50	0.057	27.2	0.08	18	0.161	33	0.337	69
60 (63)	0.097	22.5	*	*	0.142	33	0.229	57
70 (71)	0.14	30.5	*	*	0.06	18	*	*
80	*	*	*	*	0.083	23	0.161	46