

NOMINAL TECHNICAL PARAMETERS OF THE REDUCTION GEARS RGTS, RGCTS AND RGCCTS

1) Reduction gear cylindrical two step - RGCTS:

Type of gear-motors	Ratio														
	6.3	7.1	8	9	10	11.2	12.5	14	16	18	20	22.4	25	28	31.5
	Power of high speed shaft, kW (при n1=1500 min ⁻¹)														
DRGC 100	13.0	11.5	10.2	9.1	8.2	7.3	6.5	5.8	5.1	4.5	4.1	3.6	3.3	2.9	2.6
DRGC 125	26.0	23.0	20.4	18.2	16.4	14.6	13.0	11.6	10.2	9.0	8.2	7.2	6.6	5.8	5.2
DRGC 160	52.0	46.0	40.8	36.4	32.8	29.2	26.0	23.2	20.4	18.0	16.4	14.4	13.2	11.6	10.4
DRGC 200	104.0	92.0	81.6	72.8	65.6	58.4	52.0	46.4	40.8	36.0	32.8	28.8	26.4	23.2	20.8
DRGC 250	208.0	184.0	163.2	145.6	131.2	116.8	104.0	92.8	81.6	72.0	65.6	57.6	52.8	46.4	41.6

2) Reduction gear cone-cylindrical three-step – RGCCT

Type of gear-motors	Ratio					
	25	31.5	40	50	63	80
	Power of high speed shaft, [kW] (при n1=1500 min ⁻¹)					
TSRGCC 100	3.4	2.7	2.2	1.7	1.4	1.1
TSRGCC 125	6.9	5.5	4.3	3.4	2.7	2.2
TSRGCC 160	13.8	11.0	8.6	6.9	5.5	4.3
TSRGCC 200	27.6	21.9	17.6	13.8	11.0	8.6
TSRGCC 250	55.2	43.8	34.5	27.6	21.9	17.2

3) Reduction gear two-step cylindrical - RGTSC

Type of gear-motors	Ratio		48.57	40.17	31.5	23.34	20.49	15.75	12.64	10.35	8.23
	Input speeds [min ⁻¹]	ИПВ %	Input power, [kW]								
GDRC 250	750	15	1.50	1.70	2.20	3.10	3.60	4.00	4.60	5.50	6.20
		25	1.30	1.50	1.90	2.70	3.10	3.50	4.00	4.80	5.40
		40	1.10	1.30	1.60	2.30	2.60	3.00	3.40	4.00	4.60
		100	0.40	0.50	0.70	0.90	1.00	1.40	1.80	2.20	2.80
	1000	15	1.80	2.40	2.60	3.60	4.00	4.60	5.50	6.20	6.80
		25	1.60	2.10	2.30	3.10	3.50	4.00	4.80	5.40	5.90
		40	1.40	1.80	2.00	2.60	3.00	3.40	4.10	4.60	5.00
		100	0.55	0.65	0.60	1.20	1.50	2.00	2.40	3.00	3.75
	1500	15	2.40	2.90	3.10	4.30	5.10	5.50	6.90	7.00	7.70
		25	2.10	2.50	2.70	3.70	4.40	4.80	5.50	6.10	6.70
		40	1.80	2.10	2.30	3.10	3.70	4.10	4.70	5.20	5.70
		100	0.80	0.95	1.35	1.80	2.00	3.00	3.80	4.50	5.60
GDRC 350	750	15	3.50	4.10	5.80	7.50	8.20	11.20	19.10	15.20	17.50
		25	3.00	3.60	5.00	6.50	7.10	9.70	11.40	13.20	15.20
		40	2.60	3.10	4.80	5.50	6.10	8.30	9.70	11.20	12.90
		100	0.95	1.10	1.50	2.00	2.30	3.40	4.30	5.60	6.50
	1000	15	4.60	5.50	7.50	9.60	10.50	13.90	16.10	18.10	21.50
		25	4.00	4.80	6.50	8.30	9.20	12.10	14.00	15.70	18.50
		40	3.50	4.00	5.50	7.10	7.80	10.30	11.90	13.30	15.80
		100	1.25	1.50	2.00	2.70	3.10	4.60	5.70	7.00	8.70
	1500	15	6.60	7.80	10.70	13.00	14.30	18.10	21.00	26.00	27.00
		25	5.80	6.80	9.30	11.30	12.90	17.50	18.20	21.00	23.50
		40	4.90	5.80	7.90	9.60	11.00	13.40	15.50	17.80	20.20
		100	1.90	2.30	3.00	4.10	4.60	6.90	8.50	9.50	13.10
GDRC 400	750	15	5.20	6.60	7.60	10.40	12.00	13.20	15.60	17.90	21.00
		25	4.50	5.70	6.60	9.10	10.40	11.50	13.60	15.60	18.30
		40	3.80	4.90	5.60	7.70	8.90	9.80	11.60	13.30	15.50
		100	1.90	2.20	3.10	4.20	4.80	6.70	8.40	10.20	12.80
	1000	15	5.80	8.00	9.10	12.20	13.50	15.40	18.60	21.00	22.50

		25	5.00	7.00	7.90	10.60	11.70	13.40	16.20	18.30	19.70
		40	4.30	5.90	6.70	9.00	9.50	11.40	13.80	15.60	17.80
		100	2.50	3.00	4.10	5.60	6.40	8.50	11.10	13.50	16.00
	1500	15	8.00	9.80	10.70	14.90	16.30	18.80	21.50	23.50	26.00
		25	7.00	8.60	9.40	13.00	14.70	16.40	18.60	20.50	22.50
		40	5.90	7.30	8.00	11.00	12.50	13.90	15.80	17.40	19.20
		100	2.70	4.50	6.20	8.50	9.70	12.70	16.10	18.70	22.80
GDRC 500	750	15	11.60	13.80	17.40	24.50	27.50	31.00	37.00	43.00	49.00
		25	10.10	12.00	15.10	21.00	24.00	27.00	32.00	37.00	42.50
		40	8.60	10.20	12.80	18.10	20.50	23.00	27.00	31.50	36.00
		100	3.30	3.80	5.40	7.30	8.30	11.50	14.40	17.60	22.10
	1000	15	14.60	18.80	14.00	23.00	31.50	35.50	43.00	48.50	52.50
		25	12.70	15.70	18.10	24.50	27.50	31.00	37.50	42.00	46.00
		40	10.80	13.40	15.40	20.50	23.00	26.00	32.00	35.00	39.00
		100	4.30	5.20	7.20	9.70	11.00	15.40	19.20	23.50	26.80
	1500	15	18.80	23.00	26.00	37.00	40.00	43.50	53.00	55.00	60.50
		25	16.30	20.00	22.50	32.00	34.50	33.00	43.50	47.50	52.50
		40	13.90	17.00	19.20	27.00	29.00	32.00	37.00	40.50	44.50
		100	6.40	7.80	10.80	14.60	16.60	23.00	26.00	32.00	40.00
GDRC 650	750	15	23.50	30.00	33.00	47.50	55.00	60.00	71.00	84.00	95.00
		25	20.50	26.00	29.00	41.00	47.50	53.00	62.00	73.00	83.00
		40	17.40	22.00	24.50	35.00	40.50	44.50	52.00	62.00	70.00
		100	7.70	9.20	12.80	17.40	19.50	27.50	35.00	42.00	48.00
	1000	15	28.50	36.00	40.50	55.00	64.00	69.00	85.00	95.00	106.00
		25	25.00	31.50	35.50	48.00	56.00	60.00	73.00	83.00	90.00
		40	21.00	26.50	30.00	40.50	47.00	51.00	62.50	70.00	76.00
		100	10.10	12.30	17.00	23.00	26.50	37.00	46.00	50.50	64.00
	1500	15	36.50	44.50	48.50	69.00	80.50	85.00			
		25	32.00	38.50	42.00	60.00	70.00	74.00			
		40	27.00	33.00	36.00	51.00	60.00	63.00			
		100	15.20	18.40	25.50	34.50	39.50	50.00			
GDRC 750	750	15	40.00	47.50	60.00	84.00	95.00	107.00	127.00	147.00	168.00
		25	34.50	41.00	52.00	73.00	83.00	93.00	110.00	128.00	146.00
		40	29.50	35.00	44.50	62.00	70.00	79.00	94.00	109.00	124.00
		100	11.00	13.10	18.20	24.50	28.00	39.00	48.50	60.00	68.00
	1000	15	51.00	62.00	72.00	97.00	108.00	122.00	149.00	163.00	
		25	44.00	54.00	63.00	85.00	94.00	105.00	130.00	146.00	
		40	37.00	46.00	53.00	72.00	80.00	90.00	110.00	124.00	
		100	14.50	17.50	23.80	35.00	37.50	52.00	59.00	72.00	
	1500	15	65.00	79.00	86.00	120.00	135.00	150.00			
		25	56.00	69.00	75.00	104.00	118.00	130.00			
		40	48.00	59.00	63.00	89.00	100.00	111.00			
		100	21.50	26.50	36.50	49.00	56.00	71.00			
GDRC 1000	750	15	94.00	112.00	144.00	196.00	225.00	269.00	305.00	350.00	
		25	82.00	98.00	124.00	171.00	196.00	220.00	260.00	305.00	
		40	69.00	83.00	105.00	145.00	166.00	188.00	220.00	260.00	
		100	26.10	31.50	43.50	58.50	66.00	92.00	105.00	129.00	
	1000	15	117.00	146.00	170.00	235.00	259.00	290.00			
		25	104.00	127.00	148.00	205.00	220.00	250.00			
		40	88.00	108.00	126.00	173.00	188.00	215.00			
		100	34.50	41.50	58.00	78.00	89.00	113.00			
	1500	15	151.00	188.00	202.00						
		25	132.00	163.00	176.00						
		40	112.00	138.00	149.00						
		100	51.50	62.00	37.50						