

Data Sheet

BG Series - BGC Type

Type	i-ratio	n2 r/min	Kw=P1	Nm=T2
BGC 025/030	300	4.7	0.09*	31
	400	3.5	0.09*	28
	500	2.8	0.09*	34
	600	2.3	0.09*	31
	750	1.9	0.09*	34
	900	1.6	0.09*	31
	1200	1.2	0.09*	31
	1500	0.9	0.09*	26
	1800	0.8	0.09*	23
	2400	0.6	0.09*	23

Type	i-ratio	n2 r/min	Kw=P1	Nm=T2
BGC 030/040	300	4.7	0.09*	70
	400	3.5	0.09*	63
	500	2.8	0.09*	57
	600	2.3	0.09*	72
	750	1.9	0.09*	72
	900	1.6	0.09*	73
	1200	1.2	0.09*	65
	1500	0.9	0.09*	73
	1800	0.8	0.09*	73
	2400	0.6	0.09*	65

Type	i-ratio	n2 r/min	Kw=P1	Nm=T2
BGC 030/050	300	4.7	0.18	142
	400	3.5	0.18	127
	500	2.8	0.09	123
	600	2.3	0.09	143
	750	1.9	0.09	148
	900	1.6	0.09*	141
	1200	1.2	0.09*	118
	1500	0.9	0.09*	139
	1800	0.8	0.09*	155
	2400	0.6	0.09*	124

Type	i-ratio	n2 r/min	Kw=P1	Nm=T2
BGC 030/063	300	4.7	0.18	173
	400	3.5	0.18	222
	500	2.8	0.18	205
	600	2.3	0.18*	208
	750	1.9	0.18*	216
	900	1.6	0.09	200
	1200	1.2	0.09	236
	1500	0.9	0.09*	204
	1800	0.8	0.09*	202
	2400	0.6	0.09*	220

Type	i-ratio	n2 r/min	Kw=P1	Nm=T2
BGC 040/075	300	4.7	0.37	405
	400	3.5	0.25	336
	500	2.8	0.25	307
	600	2.3	0.18	362
	750	1.9	0.18	391
	900	1.6	0.18*	325
	1200	1.2	0.18*	359
	1500	0.9	0.09	360
	1800	0.8	0.09	404
	2400	0.6	0.09*	330

Type	i-ratio	n2 r/min	Kw=P1	Nm=T2
BGC 040/090	300	4.7	0.37	405
	400	3.5	0.37	523
	500	2.8	0.37	550
	600	2.3	0.37	605
	750	1.9	0.25	538
	900	1.6	0.25	533
	1200	1.2	0.18	629
	1500	0.9	0.18	588
	1800	0.8	0.18*	492
	2400	0.6	0.18*	625

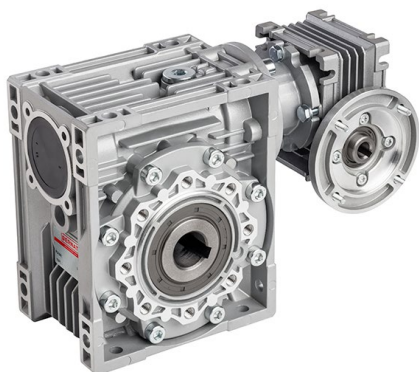
Type	i-ratio	n2 r/min	Kw=P1	Nm=T2
BGC 050/110	300	4.7	0.75	871
	400	3.5	0.75	1013
	500	2.8	0.55	984
	600	2.3	0.55	1062
	750	1.9	0.55	1128
	900	1.6	0.37	1079
	1200	1.2	0.25	943
	1500	0.9	0.25	1064
	1800	0.8	0.25	1075
	2400	0.6	0.18	1001

Type	i-ratio	n2 r/min	Kw=P1	Nm=T2
BGC 063/130	300	4.7	1.50	1789
	400	3.5	1.10	1519
	500	2.8	1.10	1629
	600	2.3	0.75	1631
	750	1.9	0.75	1804
	900	1.6	0.75	1826
	1200	1.2	0.55	1705
	1500	0.9	0.37	1674
	1800	0.8	0.37	1698
	2400	0.6	0.25	1624

Power marked with (*) are greater than those permitted by the gear unit. Therefore, the choice should be made according to the torque and not the power. The gear ratios are the most requested, so it is possible to obtain multiple combinations using the various ratios of the two individual gearboxes.
BG 063/150 on request.

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BGC	Q	S	T	T1	U	V	Z	Y	W	P1	α°	b	b1	f	t	t1	Weight
025/030	75	44	57	48	5	18	27	100	44	M6x11(n.4)	90°	5	-	-	-	-	2.5
030/040	87	55	71.5	57	6.5	26	35	120	60	M6x8(n.4)	45°	6	3	-	20.8	10.2	3.9
030/050	100	64	84	57	7	30	40	130	70	M8x10(n.4)	45°	8	3	-	28.3	10.2	5.0
030/063	110	80	102	57	8	36	50	145	85	M8x14(n.8)	45°	8	3	-	28.3	10.2	7.8
040/075	140	93	119	71.5	10	40	60	165	90	M8x14(n.8)	45°	8	4	-	31.3	12.5	11.5
040/090	160	102	135	71.5	11	45	70	182	100	M10x18(n.8)	45°	10	4	-	38.3	12.5	15
050/110	200	125	167.5	84	14	50	85	225	115	M10x18(n.8)	45°	12	5	M6	45.3	16.0	39.2
063/130	250	140	187.5	102	15	60	100	245	120	M12x21(n.8)	45°	14	6	M6	48.8	21.5	70
063/150	250	180	230	102	18	72	120	275	145	M12x21(n.8)	45°	14	6	M6	53.8	21.5	100

BGC	B	A	F	C1	D(H7)	d(j6)	G	H	R1	R	R2	L	L1	l	l1	C	l2	N(h8)	E1	E2	P
025/030	54	-	80	70	14	-	97	32	45	63	-	40	35	30	25	56	65	55	29	22.5	6
030/040	70	20	100	80	18	9	121.5	43	55	78	51	50	40	40	30	71	75	60	36.5	29	6.5
030/050	80	20	120	80	25	9	144	49	55	92	51	60	40	50	30	85	85	70	43.5	29	8.5
030/063	100	20	144	80	25	9	174	67	55	112	51	72	40	63	30	103	95	80	53	29	8.5
040/075	120	23	172	100	28	11	205	72	70	120	60	86	50	75	40	112	115	95	57	36.5	11
040/090	140	23	208	100	35	11	238	74	70	140	60	103	50	90	40	130	130	110	67	36.5	13
050/110	170	30	252.5	120	42	14	295	-	80	155	74	127.5	60	110	50	144	165	130	74	43.5	14
063/130	200	40	292.5	144	45	19	335	-	95	170	90	147.5	72	130	63	155	215	180	81	53	16
063/150	240	40	340	144	50	19	400	-	95	200	90	170	72	150	63	185	215	180	96	53	18

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