

Crown Gear Couplings

Crown gear couplings are comprised of 3 components. 2 Hubs and 1 sleeve



Complete Coupling



Normal Hub



Long Hub



Nylon Sleeve

Characteristics

Hub Material	C45 Steel with Black phosphate
Sleeve Material	PA66 Nylon
Specifications	Operating range -10° +100°C
Hub Options	Normal length, Long length or Pre-bored with Keyway. Bore and Keyway to H7 standards.

See Mecaline couplings catalogue for full range of sizes

Part number description

Example	CGC14N.12H7
CGC	Crown gear coupling
14N	Series 14 – Normal hub (or 14L for long hub)
PB	Pilot bore (if required)
.12H7	Pre-bored to 12mm + keyway to H7 standards

Crown Gear Couplings

Torque & Power ratings											
SIZE	TORQUE		Transmitted power in KW								Max. RPM
			750 rpm		1000 rpm		1500 rpm		3000 rpm		
	Nominal	Max	Nominal	Max	Nominal	Max	Nominal	Max	Nominal	Max	
CGC14	11.5	23	0.8	1.5	1.1	2	1.6	3	3.3	6	14000
CGC19	18.5	36.5	1.3	2.7	1.8	3.7	2.7	5.5	5.4	11.1	12000
CGC24	23	46	1.7	3.5	2.3	4.7	3.4	7	6.9	14.1	10000
CGC28	51.5	103.5	3.9	7.9	5.2	10.6	7.8	16	15.6	32	8000
CGC32	69	138	5.2	10.5	7	14.1	11	21	21	42	7100
CGC38	88	176	6.7	13.5	9	18	14	27	27	54	6300
CGC42	110	220	8.4	16.8	11.2	22.5	17	34	33.6	68	6000
CGC48	154	308	12	23.6	15.8	31.6	24	47	47.4	95	5600
CGC65	420	840	32	64.3	42.9	85.8	64	129	128.7	257	4000