

GHB IRON Series

UP TO 3,500 Nm

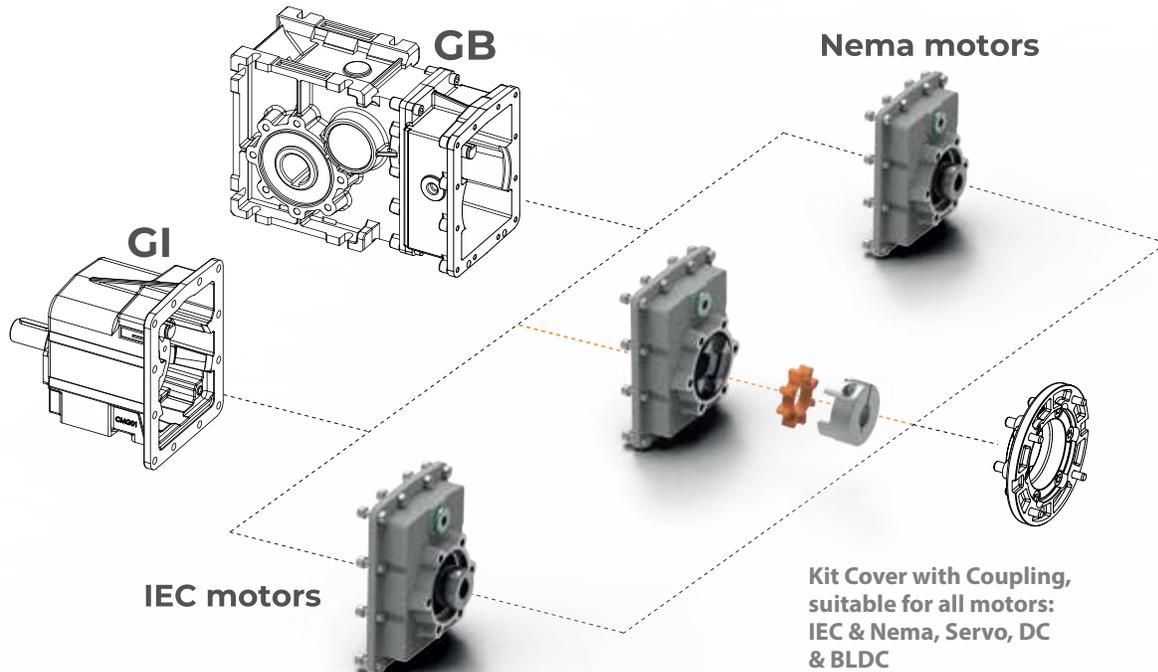
The main features of GHB range are:

- Robust cast iron housings
- High degree of modularity
- Lubrication with synthetic oil
- Coupled to motor with flexible coupling
- Epoxy powder coating RAL 7016 standard

Standard Shaft:	Inch	mm
GHB 423	1.5	40 45
GHB 433	2	50
GHB 443	2.375	60



Cover Kit + Flexible Coupling Input

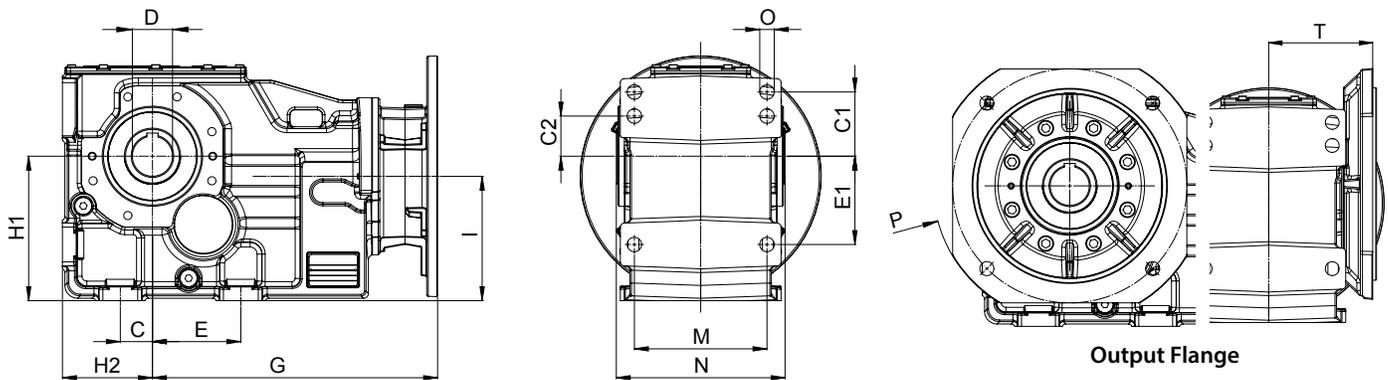


The new Coupling for helical in-line gearmotors and helical bevel gearmotors is finally available. With just one type of cover it is now possible to couple the gearbox to all types of motors: IEC and Nema, AC, DC and Servo.

The solution consists of two half-couplings made of steel with a synthetic, elastic element interposed between them. The motor-side half-coupling is in fact a clamping device which allows the motion transmission without the key being applied on the motor shaft.

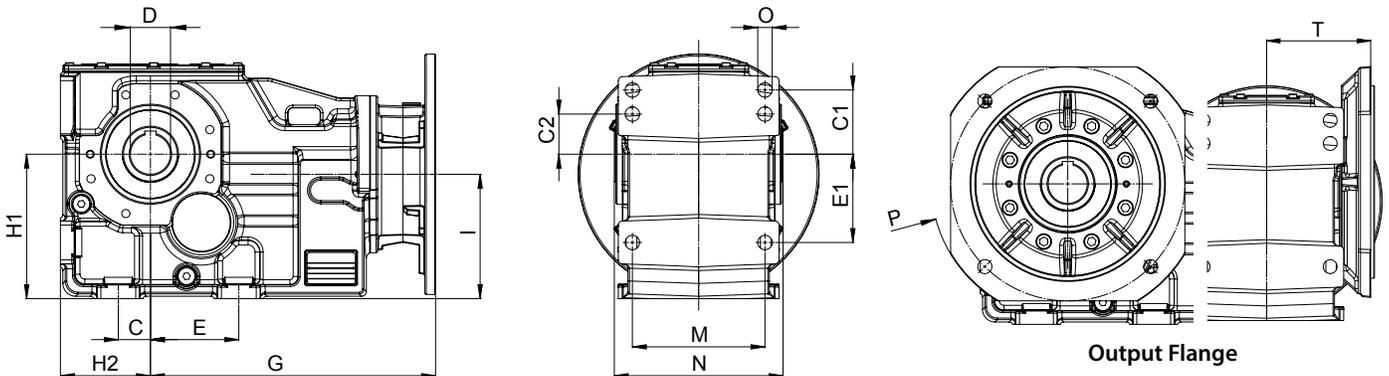
- Greater flexibility for setting up the gearbox motor connection by replacing only the motor-side half-coupling and the flange.
- Possibility of using brushless motors even without key, exploiting their potential to the maximum. In fact, accelerations, decelerations and even sudden reversals of the direction of motion are allowed.
- Total elimination of contact oxidation, called "tribocorrosion", which tends to weld the motor shaft to the rigid connection sleeve; removing the motor from the gearbox even after a few months of operation can be very difficult in the classic sleeve configuration; with this new solution it is always possible.
- Significant reduction of the operating temperatures of the gearbox in the motor connection area, guaranteeing greater reliability and duration of the lubricating elements (sealing rings).

		Output torque (Nm)	Radial load (N)	Ratio		Weight (kg)
				i min	l min 2/3	2 stages only
GEARSYNC	GHB 423	950	18500	7.34	147.84	36
MAS	K70	800	18000	5.63	589.9	
MOTOVARIO	B083	850	18000	7.8	144.8	
BONFIGLIOLI	A41	850	15000	5.2	376.8	
SEW	K67	820	12300	5.2	144.79	
NORD	SK 9022.1	630	9000	8.78	139.72	
SIEMENS	K68	820	13870	5.36	243.72	
LENZE	GKS07	1220	16000	5.95	283.19	
FLENDER	K68	820	10690	5.36	243.7	
RADICON	K0632	827	8000	7.96	119.92	



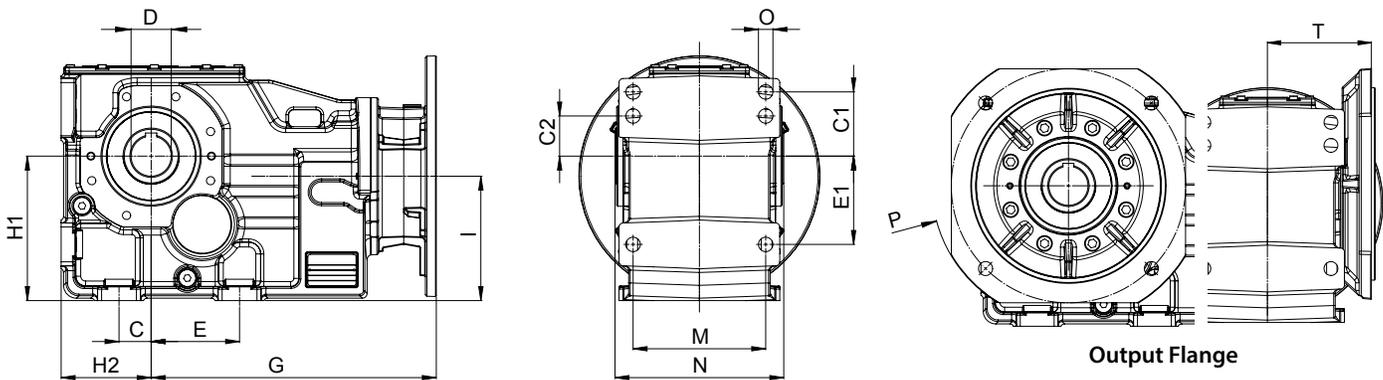
		Output shaft "D"	Output centerline to input "G"	Edge to output centerline "H1"	Bottom to output centerline "H2"	Overall width "G"	Mounting "C+E"	Mounting "M"	Overall height
GEARSYNC	GHB 423	40,45, 1.50"	304.5	90	140	180	120	140	220
MAS	K70	40,45,1.50,2.00"	214	120	120	144	170	110	240
MOTOVARIO	B083	40	277	90	140	180	120	140	225
BONFIGLIOLI	A41	45	354	112	140	186	160	112	241.5
SEW	K67	40	370	90	140	180	120	140	210
NORD	SK 9022.1	35,40	320	100	140	180	120	140	226
SIEMENS	K68	40,45	367.5	90	140	180	120	140	240
LENZE	GKS07	50,55	239	120	190	175	190	150	310
FLENDER	K68	40,50	219	90	140	180	120	140	230
RADICON	K0632	40	302	90	140	180	120	140	230

		Output torque (Nm)	Radial load (N)	Ratio		Weight (kg) 2 stages only
GEARSYNC	GHB 433			i min	l min 2/3	
GEARSYNC	GHB 433	1800	23000	8.21	164.89	54
MAS	K77	1550	19600	11.1	1163.64	
MOTOVARIO	B103	1550	22000	8.1	165.25	
BONFIGLIOLI	A50	1500	20000	24	190.6	
SEW	K77	1550	16100	7.24	192.18	
NORD	SK 9032.1	1550	15000	8.48	295.85	
SIEMENS	K88	1650	23630	5.54	302.68	
LENZE	GKS07	1220	16000	5.95	283.19	
FLENDER	K88	1650	14810	5.54	302.68	
RADICON	K0732	1600	13400	8.6	126.11	



GEARSYNC	GHB 433	Output shaft "D"	Output centerline to input "G"	Edge to output centerline "H1"	Bottom to output centerline "H2"	Overall width "G"	Mounting "C+E"	Mounting "M"	Overall height
GEARSYNC	GHB 433	50, 2.00"	405	112	180	210	150	165	267
MAS	K77	2.00", 50, 60	277	100	139	154	108	120	278
MOTOVARIO	B103	50	371	112	180	228.5	205	165	335
BONFIGLIOLI	A50	50, 55	431	140	140	205	150	150	294
SEW	K77	50	381	112	180	210	150	165	260.7
NORD	SK 9032.1	50	363	112	180	210	150	165	268
SIEMENS	K88	50, 60	440.5	112	180	210	150	165	340
LENZE	GKS07	50, 55	239	120	190	175	190	165	310
FLENDER	K88	50, 70	260	112	180	200	150	165	292
RADICON	K0732	50	354	112	180	210	150	165	292

		Output torque (Nm)	Radial load (N)	Ratio		Weight (kg)
				i min	I min 2/3	2 stages only
GEARSYNC	GHB 443	3500	31000	7.88	179.16	100
MAS	K80	2700	31000	11.16	1162.5	
MOTOVARIO	B123	3500	30000	7.97	180.4	
BONFIGLIOLI	A60	2800	30000	7.9	185.8	
SEW	K87	2800	27300	7.21	197.37	
NORD	SK 9042.1	2800	28000	8.83	329.69	
SIEMENS	K108	3000	29000	7.68	307.24	
LENZE	GKS09	3000	24000	12.283	314.66	
FLENDER	K108	3000	28000	7.68	307.24	
RADICON	K0832	2700	20000	8.13	123.33	



		Output shaft "D"	Output centerline to input "G"	Edge to output centerline "H1"	Bottom to output centerline "H2"	Overall width "G"	Mounting "C+E"	Mounting "M"	Overall height
GEARSYNC	GHB 443	60, 2.375"	454.5	132	212	240	180	180	314
MAS	K80	2.375", 50, 60	398	125	210	182	130	140	335
MOTOVARIO	B123	60	394	132	212	240	180	180	310.5
BONFIGLIOLI	A60	60, 70	468	165	165	250	245	195	346
SEW	K87	60	489	132	212	240	180	180	318.1
NORD	SK 9042.1	60	441	132	212	240	180	180	308
SIEMENS	K108	60, 80	507	132	212	240	180	180	331
LENZE	GKS09	60, 70	242	150	236	240	185	240	386
FLENDER	K108	60, 80	331.5	132	212	230	180	180	344
RADICON	K0832	60	448	132	212	240	180	180	344

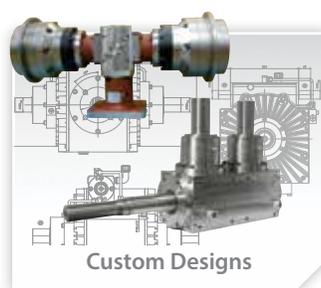
ABOUT DIEQUA

Founded in 1980 by Dietmar Quaas, and now owned by his sons, DieQua Corporation has expanded from a single product line to become a leading manufacturer and supplier of an extensive line of high-quality power transmission and precision motion control products, including gearboxes, servo gearheads, screw jack systems, speed reducers, cycloidal reducers, and connecting components. The company also offers custom product modifications and complete design solutions for virtually any application. DieQua Corporation serves a wide range

of industries, including medical and health care, marine engineering, renewable energy, mining, transportation, steel, forestry and lumber, water and wastewater, automotive, and factory automation, to name a few.

An experienced and knowledgeable technical sales, customer service, and engineering support staff, as well as local distributors, ensure that DieQua customers in North America, Mexico and South America select the optimum components, systems, and best design solutions for their specific requirements.

The DieQua family of products



The DieQua Advantage

Engineering Support

DieQua Corporation has several decades of combined experience specifying power transmission and motion control components. This assures proper selection of components and systems to suit your unique requirements.

Warehousing

We pride ourselves for our extensive in-stock inventory. For fast product turnaround, DieQua Corporation stocks many components of various ratios and sizes, ready to ship fast.

Manufacturing and Assembly

DieQua Corporation now manufactures or assembles most of the products, for on-time delivery of standard orders as well as prototypes. We are ISO 9001 certified and are constantly improving our quality systems to ensure our customers receive the best products.



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