

GHI IRON Series

UP TO 3,500 Nm

The main features of GHI range are:

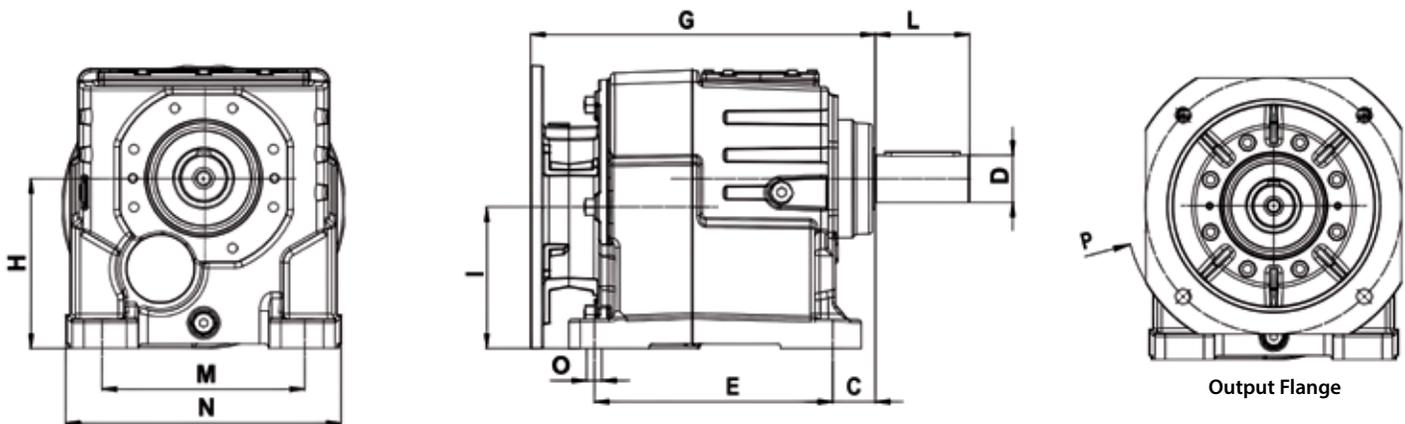
- Robust cast iron housings;
- High degree of modularity;
- Lubrication with synthetic oil;
- Coupled to motor with flexible coupling.
- Epoxy powder coating RAL 7016 standard

Standard Shaft	Inch	mm
GHI 112 – GHI 113	1.375	35 40* Special
GHI 122 – GHI 123	1.625	40 50* Special
GHI 132 – GHI 133	2.125	50 60* Special
GHI 142 – GHI 143	2.375	60 70* Special

*Note: Available, but not a standard offering

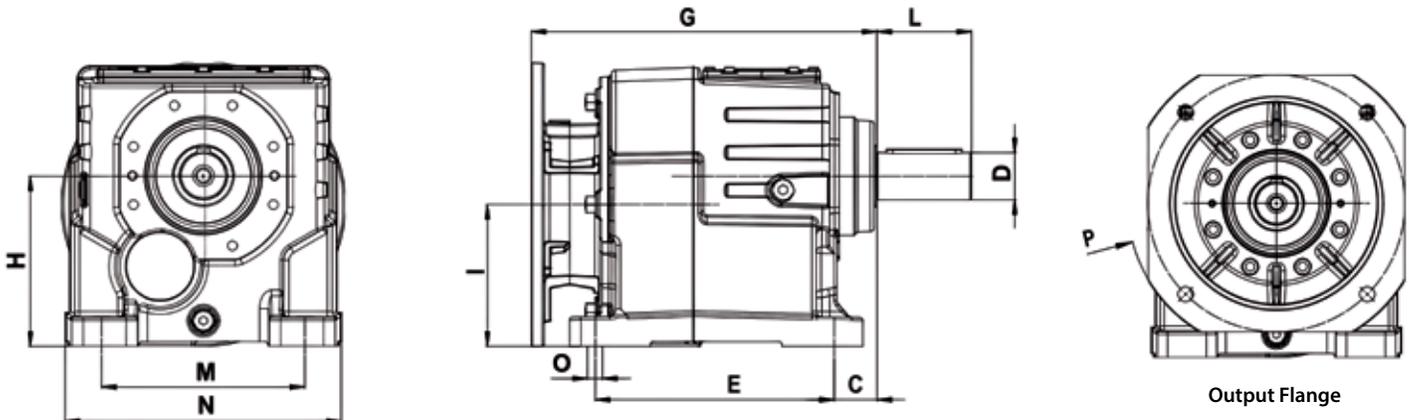


		Output shaft diameter	M2 max (Nm)	Ratio			IEC max		NEMA max		Max radial load (N)
GEARSYNC	GHI 112/3			i min	i max/2	i max/3	2nd	3rd	2nd	3rd	
MAS	H65	35, 40, 45, 1.375"	560	5.40	75.25	484.81	112	90	213	143	
SEW	R67	35	600	4.29	28.13	199.81	132B5	132B5			8400
NORD	SK672.1/673.1	35	640	2.66	56.65	362.43	132B5	90B5			10000
SIEMENS	Z48-D48	30 (35)	450	4.28	51.28	208.77	132B5	100/112B5			8800
MOTOVARIO	H052-H053	35	500	5.73	56.11	267.65	100/112B5	90B5			8000
BONFIGLIOLI	C41	35	600	2.7	44.8	209.1	132B5	132B5			7000



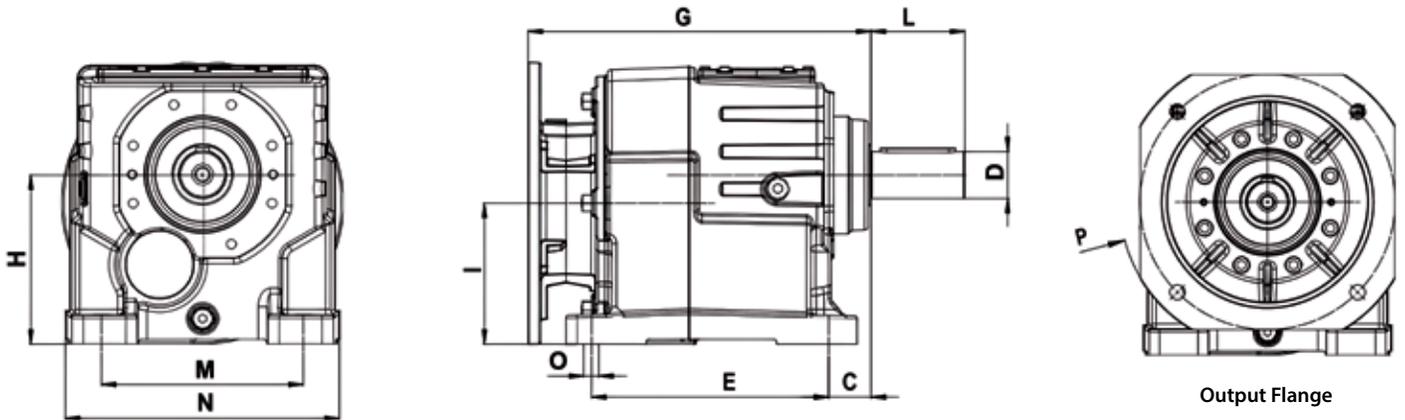
		Output shaft "D"	Output shaft length "L"	Bottom to output centerline "H"	Mounting "M"	Overall width "N"	Mounting "C"	Mounting "E"	Mounting hole "O"	Bottom to input centerline "I"	Output flange "P"
GEARSYNC	GHI 112/3	35, 1.375"	70	130	150	210	30	195	14	101.5	200-250
MAS	H65	30, 40, 45, 1.375"	70	145	180	220	22	125	14	85.2	200-250
SEW	R67	35	70	130	150	210	30	195	14	109.3	200-250
NORD	SK672.1 /673.1	35	70	130	150	210	30	195	14	123	200-250
SIEMENS	Z48-D48	30 (35)	60 (70)	115	135	220	30	165	13.5	115	200-250-300
MOTOVARIO	H052-H053	35	70	115	135	185	30	165	14	89.5	200-250
BONFIGLIOLI	C41	35	70	130	180	216	19.5	149.5	14	130	200-250

		Output shaft diameter	M2 max (Nm)	Ratio			IEC max		NEMA max		Max radial load (N)
				i min	i max/2	i max/3	2nd	3rd	2nd	3rd	
GEARSYNC	GHI 122/3	40, 1.625"	980	5.17	50.40	280.29	132B5	100/112B5	210TC	180TC	12500
MAS	H70	40, 45, 50, 1.625"	800	5.16	64.70	540.74	132	112			
SEW	R77	40	820	5.31	23.37	195.94	132B5	132B5			9920
NORD	SK772.1/773.1	40	820	3.12	26.86	395.46	132B5	132B5			14200-17000
SIEMENS	Z68-D68	40	800	3.49	48.09	281.01	132B5	110/112B5			14100
MOTOVARIO	H062-H063	40	850	5.38	46.06	268.00	132B5	110/112B5			12000
BONFIGLIOLI	C51	40	1000	2.6	57.0	216.7	180B5	180B5			10000



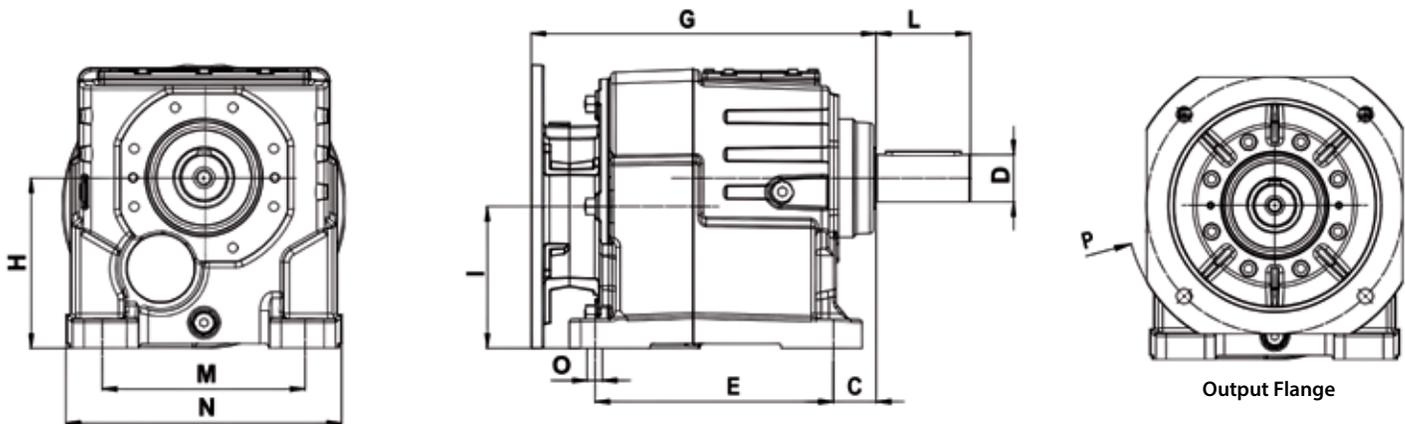
		Output shaft "D"	Output shaft length "L"	Bottom to output centerline "H"	Mounting "M"	Overall width "N"	Mounting "C"	Mounting "E"	Mounting hole "O"	Bottom to input centerline "I"	Output flange "P"
GEARSYNC	GHI 122/3	40, 1.625"	80	140	170	220	35	205	14	108	200-250-300
MAS	H70	40, 45, 50, 1.625"	80	168	225	260	31	135	14	161.2	250-300
SEW	R77	40	80	140	170	230	35	205	17.5	124.1	250-300
NORD	SK772.1 /773.1	40	80	140	170	237	35	205	17.5	135	200-250-300
SIEMENS	Z68-D68	40	80	140	170	263	35	205	17.5	140	250-300-350
MOTOVARIO	H062-H063	40	80	140	170	220	35	205	16	109	200-250-300
BONFIGLIOLI	C51	40	80	155	225	270	25	156	18	155	250-300

		Output shaft diameter	M2 max (Nm)	Ratio			IEC max		NEMA max		Max radial load (N)
GEARSYNC	GHI 132/3			i min	i max/2	i max/3	2nd	3rd	2nd	3rd	
		50, 2.125"	1900	5.03	49.88	230.85	160B5	110112B5	280	180	18500
MAS	H80	50, 55, 60, 2.125"	1400	5.61	59.81	584.62	160	112	284	213	
SEW	R87	50	1550	5.30	34.40	246.54	180B5	160B5			16900
NORD	SK872.1-SK873.1	50	1600	3.18	42.67	439.77	180B5	180B5			19800-25000
SIEMENS	Z88-D88	50	1680	3.11	50.73	300.41	160B5	132B5			23000
MOTOVARIO	H0823	50	1800	5.39	48.13	222.78	160B5	132B5			18000
BONFIGLIOLI	C61	50	1600	2.8	38.0	195.8	180B5	180B5			16000



		Output shaft "D"	Output shaft length "L"	Bottom to output centerline "H"	Mounting "M"	Overall width "N"	Mounting "C"	Mounting "E"	Mounting hole "O"	Bottom to input centerline "I"	Output flange "P"
GEARSYNC	GHI 132/3	50, 2.125"	100	180	215	290	40	260	18	150	250-300-350
MAS	H80	50, 55, 60, 2.125"	100	196	237	290	40	230	18	184	300-350
SEW	R87	50	100	180	215	290	40	260	17.5	167.4	300-350
NORD	SK872.1 /873.1	50	100	180	215	300	40	260	17.5	174	250-300-350
SIEMENS	Z88-D88	50	100	180	215	332	40	260	17.5	180	300-350-450
MOTOVARIO	H082-H083	50	100	180	215	280	40	260	18	149	250-300-350
BONFIGLIOLI	C61	50	100	195	250	300	25	180	18	195	300-350

		Output shaft diameter	M2 max (Nm)	Ratio			IEC max		NEMA max		Max radial load (N)
				i min	i max/2	i max/3	2nd	3rd	2nd	3rd	
GEARSYNC	GHI 142/3	60, 2.375"	3500	6.15	51.76	252.87	200B5	132B5	280	210	22500
MAS	H85	50, 55, 60, 2.375"	2000	6.02	64.17	627.27	160	112	284	213	
	H110	65, 70, 2.375"	3000	6.21	69.63	373.10	200	112	284	213	
SEW	R97	60	3000	4.5	32.05	289.74	225B5	225B5			19800
NORD	SK972.1-SK973.1	60	3300	3.33	42.76	456.77	200B5	180B5			28100-32300
SIEMENS	Z108-D108	60	3100	3.42	59.05	359.30	200B5	160B5			35200
MOTOVARIO	H102/3	60	3500	5.26	51.52	242.59	180B5	160B5			22000
BONFIGLIOLI	C70	60	2300	4.6	34.7	239.3	200B5	180B5			25000



		Output shaft "D"	Output shaft length "L"	Bottom to output centerline "H"	Mounting "M"	Overall width "N"	Mounting "C"	Mounting "E"	Mounting hole "O"	Bottom to input centerline "I"	Output flange "P"
GEARSYNC	GHI 142/3	60, 2.375"	120	225	250	340	40	310	22	186.5	300-350-450
MAS	H85	65, 70, 2.375"	120	210	266	310	26	200	18	222.4	300-350
	H110	65, 70, 2.375"	120	250	310	370	50	340	22	279.3	450
SEW	R97	60	120	225	250	340	40	310	22	214.8	350-450
NORD	SK972.1/973.1	60	120	225	250	348	40	310	22	213.5	300-350-450
SIEMENS	Z108-D108	60	120	225	250	410	39.5	310	22	225	350-450
MOTOVARIO	H102-H103	60	120	225	250	330	40	310	22	189.5	300-350
BONFIGLIOLI	C70	60	120	210	300	350	25	165	22	210	350

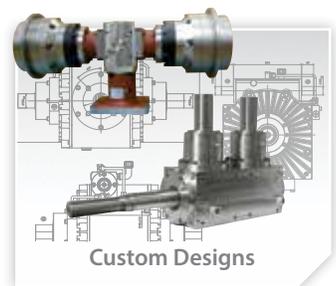
ABOUT DIEQUA

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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