Alternate Shaft Options

U   2.375"

Output shaft

0.625"
2.645"
2.3758" / 2.3751"
2.375"
3/4"-10 UNC
120
LM
42.5
18
37.5
See Page 2 For Input
40   310   22
360

B

M14x27 n.7
22.5°
45°
220
150 h7
190
□ 205
150 / 149.96
132
225
35
250
340

60mm

18
60.021 / 60.002
120
64
60 k6
M20

F

F300

LM
4
18
□ 265
230 f7
14
229.95 / 229.904
300
265

F350

5
18
□ 300
250 f7
18
249.95 / 249.904
350
300

F450

5
18
□ 400
350 f7
18
349.938 / 349.881
450
400

IS

1.625"=ISI

423.5
80
42.5
18
37.5
1.6254" / 1.6248"
1.625"
1.791"
Input shaft
0.625"
5/8"-11 UNC

38mm=ISM

423.5
80
42.5
18
30
38 h6
41
Input shaft
10
M12

GEARSYNC GHI-142

	i	n2 [rpm]	Mn2 [lb-in]	Pn1 [hp]	Motor Speed @ 1,750 RPM					n2 [min-1]	Mn2 [Nm]	Pn1 [kW]	Motor Speed @ 1,750 RPM					
					NEMA						IEC		100 B5/B14	112 B5/B14	132 B5/B14	160 B5	180 B5	200 B5
					140TC	180TC	210TC	250TC	280TC									
A	6.15	284.6	15931	74.90						284.6	1674	51.94						
B	7.35	238.1	15931	62.69						238.1	1674	43.48						
C	8.88	197.1	17702	57.63						197.1	1860	39.97	*	*				
D	9.75	179.5	17702	52.54						179.5	186	36.43						
E	10.35	169.1	18587	51.94						169.1	1953	36.03	*	*				
F	11.65	150.2	18587	46.17						150.2	1953	32.02						
G	12.78	136.9	19472	44.09						136.9	2046	30.57						*
H	14.08	124.3	20357	41.82						124.3	2139	29.00						*
I	16.40	106.7	20357	35.90						106.7	2139	24.90						*
J	17.73	98.7	24782	40.42						98.7	2604	28.03						*
K	20.24	86.5	24782	35.43						86.5	2604	24.55						*
L	25.99	67.3	28322	31.50						67.3	2976	21.86						*
M	28.10	62.3	28322	29.16						62.3	2796	20.22					*	*
N	32.35	54.1	28322	25.32						54.1	2976	17.57					*	*
O	37.09	47.2	28322	22.09						47.2	2976	15.32					*	*
P	43.57	40.2	28322	18.82						40.2	2976	13.04					*	*
Q	47.35	37.0	28322	17.32						37.0	2976	12.00						
R	51.76	33.8	28322	15.82						33.8	2976	10.97						

Highlighted areas indicate motor inputs available on each size of unit.

* = The service factor (sf) has to be selected depending on application please contact our Technical Department.

Input Flange
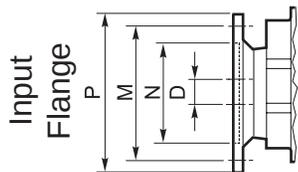
	56 C	140TC	180TC	210TC	250TC	80 B5	90 B5	90 B14	100/112 B5	100/112 B14	132 B5	132 B14
LM	15.452"	16.476"	18.425"			373.5	378	377.5	378		398.5	
N	4.5"	8.5"				130	130	95	180	110	230	130
M	5.88"	7.25"				165	165	115	215	130	265	165
P	6.5"	9"		10"		200	200	140	250		160	300	200
D	0.625"	0.875"	1.125"	1.375"	1.625"	19	24		28		38	

Order Example: GHI-142-U-A-IJ-140TC-M1

	Type	Size	Stage	Version	Ratio	Output Shaft	Input	Mounting Pos.
GHI	Helical-Inline IRON Gearbox	142		U	See Table Above (Please Use Letter)	D60=MO	See Table Above	M1
								M2
				F300				M3
								M4
	Helical-Inline IRON Gearmotor			F350		D2.375=IJ		M5
				F450			ISM	M6
							ISI	

Technical data is subject to change