

Applications: General purpose fixed speed including conveyors, material handling equipment and packaging machinery.

Features: Three and single-phase motor designs. High strength bronze gearing, hardened and ground worm for quiet operation. Permanently lubricated with synthetic Klubersynth UH1-6-460 oil, USDA food grade lubrication for H1 applications. Internal oil expansion bladder allows for multiple mounting positions, without relocating a breather vent. Double output hollow output bore is 1.00" with keyway for greater mounting flexibility. Supplied with torque arm and cover for exposed end of shaft.



GHL and GHM Shown
H Style

Input Motor Hp	Output RPM 60 Hz	Gear Ratio	Max. Safe Torque In. Lbs.	Catalog (a) Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)
Single Phase											
1/2	29	60:1	600	GHL35060	981	DS	45	3421L-H	TEFC	115/230	33
	58	30:1	350	GHL35030	981	DS	45	3421L-H	TEFC	115/230	33
	88	20:1	250	GHL35020	981	DS	45	3421L-H	TEFC	115/230	33
	175	10:1	150	GHL35010	981	DS	45	3421L-H	TEFC	115/230	33
3/4	58	30:1	550	GHL37530	1,055	DS	50	3428LC-H	TEFC	115/230	33
	88	20:1	420	GHL37520	1,055	DS	50	3428LC-H	TEFC	115/230	33
	175	10:1	230	GHL37510	1,055	DS	50	3428LC-H	TEFC	115/230	33
1	58	30:1	750	GHL31030	1,204	DS	55	3524L-H	TEFC	115/230	33
	88	20:1	550	GHL31020	1,204	DS	55	3524L-H	TEFC	115/230	33
	175	10:1	300	GHL31010	1,204	DS	55	3524L-H	TEFC	115/230	33
Three Phase											
1/2	29	60:1	600	GHM35060	946	DS	40	3416M-H	TEFC	230/460	30,33
	35	50:1	609	GHM35050	946	DS	40	3416M-H	TEFC	230/460	30,33
	44	40:1	528	GHM35040	946	DS	27	3416M-H	TEFC	230/460	30,33
	58	30:1	350	GHM35030	946	DS	40	3416M-H	TEFC	230/460	30,33
	87	20:1	200	GHM35020	946	DS	40	3416M-H	TEFC	230/460	30,33
	174	10:1	135	GHM35010	946	DS	40	3416M-H	TEFC	230/460	30,33
3/4	58	30:1	550	GHM37530	973	DS	42	3420M-H	TEFC	208-230/460	33
	88	20:1	420	GHM37520	973	DS	42	3420M-H	TEFC	208-230/460	33
	175	10:1	230	GHM37510	973	DS	42	3420M-H	TEFC	208-230/460	33
1	58	30:1	750	GHM31030	999	DS	45	3426M-H	TEFC	208-230/460	33
	88	20:1	550	GHM31020	999	DS	45	3426M-H	TEFC	208-230/460	33
	175	10:1	300	GHM31010	999	DS	45	3426M-H	TEFC	208-230/460	33

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

H Gearbox Accessories



Baldor offers optional base and shaft kits for H style gearmotors. Adding a base and shaft kit allows them to be used in applications requiring a right-angle shaft extension. The shaft can be used for either right or left hand output applications.

Catalog Number	Description	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
B19H71	Horiz Base Kit	71	A8	1
SH10HS	Output Shaft Kit	22	A8	2