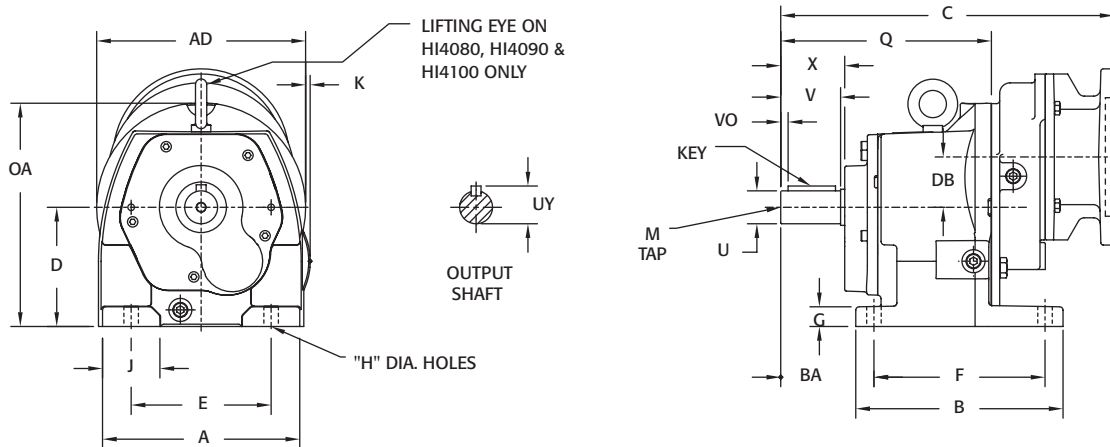




DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.  
CERTIFIED PRINTS ARE AVAILABLE UPON REQUEST.

## TRIPLE REDUCTION



### GEARCASE

DIMENSIONS ARE INCH/ mm

MODEL	A	AD	B	BA	D	DB	E	F	G	H	J	K	OA	Q
HI4043E	5.72	6.61	6.30	2.95	3.54 <sup>+0</sup> <sub>-0.02</sub>	1.50	4.33	5.12	0.59	0.39	1.40	0.29	6.68	7.29
	145	168	160	75	90 <sup>+0</sup> <sub>-0.5</sub>	38	110	130	15	10	35	7	170	185
HI4063E	7.48	7.93	7.87	3.94	4.53 <sup>+0</sup> <sub>-0.02</sub>	1.91	5.32	6.50	0.75	0.53	2.18	N/A	8.48	8.40
	190	201	200	100	115 <sup>+0</sup> <sub>-0.5</sub>	49	135	165	19	14	55	N/A	215	213
HI4663E	8.14	8.50	9.13	3.94	5.12 <sup>+0</sup> <sub>-0.02</sub>	1.91	5.91	7.68	0.82	0.53	2.39	0.24	9.08	9.44
	207	216	232	100	130 <sup>+0</sup> <sub>-0.5</sub>	49	150	195	21	14	61	6	231	240
HI4073E	8.66	9.97	9.65	4.53	5.51 <sup>+0</sup> <sub>-0.02</sub>	1.91	6.69	8.07	0.98	0.69	2.16	N/A	10.47	10.79
	220	253	245	115	140 <sup>+0</sup> <sub>-0.5</sub>	49	170	205	25	18	55	N/A	266	274
HI4083E	11.34	11.96	12.59	5.51	7.09 <sup>+0</sup> <sub>-0.02</sub>	2.36	8.47	10.24	1.11	0.75	2.93	N/A	13.04	12.99
	288	304	320	140	180 <sup>+0</sup> <sub>-0.5</sub>	60	215	260	28	19	74	N/A	331	330
HI4093E	13.42	14.00	14.37	6.30	8.86 <sup>+0</sup> <sub>-0.02</sub>	2.87	9.84	12.21	1.38	0.91	3.55	0.45	15.84	16.41
	341	356	365	160	225 <sup>+0</sup> <sub>-0.5</sub>	73	250	310	35	23	90	11	402	417
HI4103E	15.25	16.08	17.32	7.28	9.84 <sup>+0</sup> <sub>-0.02</sub>	3.39	11.42	14.57	1.50	1.02	4.00	0.35	16.78	19.00
	387	408	440	185	250 <sup>+0</sup> <sub>-0.5</sub>	86	290	370	38	26	102	9	426	483

### OUTPUT SHAFT \*

MODEL	U	UY	V	VO	X	KEY	M
HI4043E	1.000 <sup>+0</sup> <sub>-0.001</sub>	1.10	N/A	0.40	2.12	1/4 x 1/4 x 1-1/2	3/8-24 x 0.91
HI4063E	1.375 <sup>+0</sup> <sub>-0.001</sub>	1.51	N/A	0.44	2.83	5/16 x 5/16 x 1-3/4	1/2-13 x 1.13
HI4663E	1.375 <sup>+0</sup> <sub>-0.001</sub>	1.51	2.76	0.44	2.94	5/16 x 5/16 x 1-3/4	1/2-13 x 1.13
HI4073E	1.625 <sup>+0</sup> <sub>-0.001</sub>	1.78	3.15	0.45	3.27	3/8 x 3/8 x 2-1/4	5/8-11 x 1.38
HI4083E	2.125 <sup>+0</sup> <sub>-0.001</sub>	2.34	3.94	0.64	4.06	1/2 x 1/2 x 2-5/8	3/4-10 x 1.61
HI4093E	2.375 <sup>+0</sup> <sub>-0.001</sub>	2.64	4.72	0.70	4.95	5/8 x 5/8 x 3-3/4	3/4-10 x 1.61
HI4103E	2.875 <sup>+0</sup> <sub>-0.001</sub>	3.19	5.51	0.67	5.62	3/4 x 3/4 x 4-1/8	3/4-10 x 1.61

### MOTOR COMPATIBILITY - NEMA

MODEL	56C	NEMA					
		143TC 145TC	182TC 184TC	213TC 215TC	254TC 256TC	284TC 286TC	
HI4043E	C	10.68	-	-	-	-	
HI4063E	C	13.06	13.06	-	-	-	
HI4663E	C	14.10	14.10	-	-	-	
HI4073E	C	14.97	14.97	-	-	-	
HI4083E	C	16.87	16.87	17.89	-	-	
HI4093E	C	22.30	22.30	22.98	22.98	-	
HI4103E	C	-	-	28.34	28.34	28.89	

\* SEE PAGES I-82 AND I-83 FOR ADDITIONAL SHAFT DIAMETERS AVAILABLE.  
SEE PAGES I-58 TO I-61 FOR ADDITIONAL MODELS AVAILABLE.

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE



FOR SAFETY AND TO COMPLY WITH LOCAL AND NATIONAL SAFETY CODES, THE PURCHASER OR USER MUST PROVIDE PROTECTIVE GUARDS OVER ALL SHAFT EXTENSIONS AND DEVICES MOUNTED THEREON.