

Numbering System / How to Order

When ordering reducers please include code letters for Style, Size, Base (if required), Ratio, Lubrication (if required), NEMA Mounting (if flanged reducer), Shaft Assembly and Motor (if required).

Example:

Application requirements: 125:1 reduction, 1 HP NEMA 140TC 1750 RPM, Service Class I, horizontal base, Klubersynth UH1 6-460 lubrication, with standard assembly.

HMF 2 5 K B7 B7 A

Assembled to an:

F 732 B 25 K B7 G

700 Series Right Angle Helical-Worm Gearbox - Double Reduction

Reducer Material/Paint

- Blank** - Cast Iron, Std. Gray paint
- BKC** - Cast Iron, White *BostKleen* paint
- SBKC** - Cast Iron, Stainless *BostKleen* paint
- SS** - Stainless Steel material - no paint

Output Shaft Style

- Blank** - Solid Output Shaft
- H** - *BostMount* Hollow Output (setscrews both sides, bore size selectable)
- S** - Hollow Output (setscrews one side, bore size fixed)

Input Shaft Style

- Blank** - Solid Projecting Input Shaft
- F** - Quill Style Motor Flange
- RF** - Coupling Style Motor Flange
- QC** - *Quick Connect* Motor Flange (close coupled)

Reduction Type

- HMA** - Helical Multiplier 12 O'clock
- HMB** - Helical Multiplier 6 O'clock
- HMC** - Helical Multiplier 3 O'clock
- HMD** - Helical Multiplier 9 O'clock
- WP** - Planetary Torque Multiplier

Center Distance (inches)

- 13 - 1.33
- 18 - 1.75
- 21 - 2.06
- 26 - 2.62
- 30 - 3.00
- 32 - 3.25
- 38 - 3.75
- 52 - 5.13
- 60 - 6.00

Base/Mounting Attachment*

- Blank** - No base kit required
- A & B** - Horizontal bases
- C & E** - Vertical High bases
- D & F** - Vertical Low bases
- R/L** - *BostMount* Output Bracket
- X** - Input Vertical Up
- Y** - Input Vertical Down
- V/W** - Hollow O/P with base
- M/N** - Hollow O/P with CFA

*See catalog for mounting configurations

Exact Gear Ratio

Ratio to 1

10	60
15	75
20	80
22.5	100
25	125
30	150
37.5	200
40	250
45	300
50	

Check Catalog - Or consult factory for availability

Lubrication

- Blank** - No Lubrication
- K** - Klubersynth UH1 6-460
- S** - Mobil SHC 634
- X** - Mobil 600W

Endcap

(732-760 only)

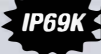
- E** - Endcap (standard)

Vent

- Blank** - Standard Vent
- P** - Pressure Vent (5 psi)
- Z** - Posivent (sealed)

Oil Seal

- Blank** - Standard Seal
- T** - Two Standard Input Seals
- C** - High pressure washdown output seals and double input seals (stainless products only)



NEMA Motor Mounting

BORE CODE	NEMA MOUNTING	INPUT BORE	KEYWAY
B4	42CZ	.500"	1/8 x 1/16
B5	56C	.625	3/16 x 3/32
B7	140TC/180C	.875	3/16 x 3/32
B9	180TC/210C	1.125	1/4 x 1/8
B11	210TC/250UC	1.375	5/16 x 5/32
B13	250TC	1.625	3/8 x 3/16

Blank Solid Input Shaft (No Flange)

Output Shaft Assembly

- G** Output Projection Opposite Input
- H** Double Output Projection
- J** Output Projection Same Side as Input
- GS** Stainless Output Projection Opposite Input
- HS** Stainless Double Output Projection
- JS** Stainless Output Projection Same Side as Input

Mounting Positions

Blank - No Lubrication Supplied

For Factory Prelubrication Indicate Mounting Position

- 1** - Standard Mounting (Worm over)
- 2-6** - Refer to Mounting Positions in Catalog

BostMount Output Bore Code

Refer to page 128 for complete offering

See catalog for availability by center distance.