

# Single Reduction Numbering System / How to Order

Style	Size	Base	Ratio	Lubrication	Fan	Vent	Oil Seals	NEMA Mounting	Shaft Assembly	Mounting Position	Output Bore Code
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## Style Designates reducer or flanged reducer, projecting or hollow output shaft.

- C** – Designates cast iron flange and base. (Standard on motor flanges 3 HP (180TC) and up and all bases except horizontal (710-726).
- Blank** – Single reduction reducer with projecting input and output shafts. (No code letter required).
- H** – Single reduction reducer with projecting input and *BostMount* hollow output shaft. (No flange) ( 713-738)
- S** – Single reduction reducer with hollow output shaft. (Sizes 718, 721, 726 and 732).
- F** – Single reduction flanged reducer (Quill types) with projecting output shaft.
- HF** – Single reduction flanged reducer (Quill types) with *BostMount* hollow output shaft. (Sizes 713-738)
- SF** – Single reduction flanged reducer (Quill types) with hollow output shaft. (Sizes 718, 721, 726 and 732)
- QC** – Single reduction flanged reducer (Coupling types) with projecting output shaft.
- HQC** – Single reduction flanged reducer (Coupling types) with *BostMount* hollow output shaft. (Sizes 713-738)
- RF** – Single reduction flanged reducer (Coupling types) with Projecting output shaft. 752 - 760 Size Only
- BK** – Designates Cast Iron, White *BostKleen* paint
- SBK** – Designates Cast Iron, Stainless *BostKleen* paint
- SSF** – Stainless Steel Single reduction flanged reducer (Quill types) with projecting output shaft.
- SSHF** – Stainless steel single reduction flanged reducer with *BostMount* hollow output shaft.

## Size Center distance, rounded off.

<b>710</b> - 1.00	<b>721</b> - 2.06	<b>732</b> - 3.25
<b>713</b> - 1.33	<b>724</b> - 2.38	<b>738</b> - 3.75
<b>715</b> - 1.54	<b>726</b> - 2.62	<b>752</b> - 5.16
<b>718</b> - 1.75	<b>730</b> - 3.00	<b>760</b> - 6.00

## Base Base positions relative to output shaft. Shipped separately as Base Kits. See Page 129.

- Blank** – No base kit supplied
- A,B** – Horizontal bases
- C,D,E & F** -Vertical Bases\*
- R/L** – BostMount Output Bracket
- X** – Input Vertical Up
- Y** – Input Vertical Down
- BRB** – Horizontal base with riser block
- V,W** – Flanged bases, available on “S” hollow shaft models only. Factory assembled.
- M/N** – Flanged bases, available on “CFA” hollow shaft models only.

\*For E, F vertical base arrangements, see Pages 18, 19.

## Ratio See Selection Tables for available ratios

## Lubrication Optional Prelubrication.\*

- Blank** - No Lubrication supplied.
- K** – Klubersynth UH1 6-460
- S** – Mobil SHC634 Synthetic Lubricant
- X** – Mobil 600W
- \*When specifying optional prelubrication, include mounting position after shaft assembly.

## Fan Optional fan available on sizes 732-760 single reduction only. Shipped separately as Fan Kit. See Page 130.

- Blank** - No Fan Kit. **E** - End Cap (standard) **F** - Fan Kit

## Vent Pressure Relief.

- Blank** – Standard Vent
- P** – 5 PSI Vent
- Z** – PosiVent® Pressure Compensating Bladder

## Oil Seals

- Blank** – Standard Seal
- T** – Double Input Seals. Recommended for mounting positions 2, 3, 4, 6
- C** – High pressure/wash down configuration for stainless gearboxes. Contains double input seals and axial face seals on the output.

## NEMA Mounting Designates flange size and input bore diameter. Flanged reducers only. Leave blank for projecting input reducers.

Bore Code	NEMA Mounting	Input Bore	Keyway
<b>B4</b>	42CZ	.500"	1/8 x 1/16
<b>B5</b>	56C	.625	3/16 x 3/32
<b>B7</b>	140TC/180C	.875	3/16 x 3/32
<b>B9</b>	180TC/210C	1.125	1/4 x 1/8
<b>B11</b>	210TC/250UC	1.375	5/16 x 5/32
<b>B13</b>	250TC	1.625	3/8 x 3/16

See page 98 for Mounting Dimensions.

## Shaft Assembly Assembly shaft arrangements. See assemblies, pages 18 and 19.

- G** – Standard assembly (left)
- H** – Double output shaft projection
- J** – Opposite to standard (right)
- GS** – Stainless standard assembly (left)
- HS** – Stainless double output shaft projection
- JS** – Stainless opposite to standard (right)

## Mounting Position Designates the position of oil and vent plugs with respect to mounting.

- Blank** – For units not supplied prelubricated.
- 1-6** – See pages 18 and 19.

## Output Bore Code Specified in 1/16" increments. See page 128 for complete offering. Example 1 1/4" = P20 For H Series only.

## How to Order

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

**EXAMPLE:** Required size, 721 Quill types flanged reducer, 30:1 ratio, 5/8" input bore, standard assembly, with horizontal base, no lubrication. Motor to be 3/4 HP, 1750 RPM, 230/460 Volt, 3 Phase, 60 cycle, open dripproof.

**F** **721** **B** - **30** - **B5** - **G** - **GUB3**

- Reducer, Base and Motor Shipped separately:  
ORDER: Reducer - **F721-30-B5-G**  
Base Kit - **56587**  
Motor - **GUB3**
- Reducer, Base and Motor assembled:  
ORDER: **F721B-30-B5-G-GUB3**