

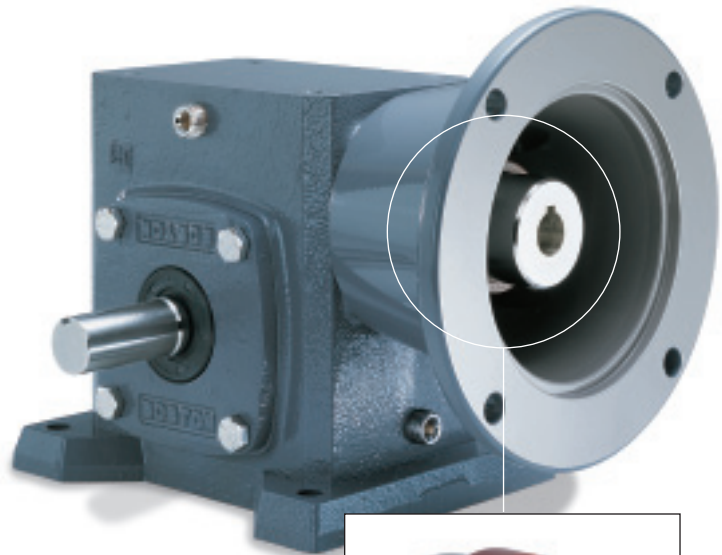


***The Fastest
Motor-Reducer
Assembly in the
West (and the East)***

Many maintenance engineers and industrial OEM's choose couplings to connect their motors and gearboxes together. The advantages can be many, but the disadvantages can quickly add up. That's because a slot must be cut in the gearbox flange to allow an Allen wrench to align the coupling... the same slot that lets in caustic washdown solution, water, and other particles, also makes it challenging to see what you need when connecting the motor.

That's why Boston Gear developed the QC 700 Series, featuring a completely self-aligning coupling that eliminates the need for a slot in the flange and allows for quick motor and reducer assembly. Fretting corrosion is eliminated, which means your motor comes off when you want it to – with hand tools, not a jackhammer. The QC 700 Series is truly the first quick connecting NEMA coupling-mount speed reducer in its class.

**Boston Gear QC 700
Series NEMA Flanged
Reducer Coupling
Style**



Unique patent-pending coupling design eliminates fretting corrosion and allows for blind assembly of NEMA motors.



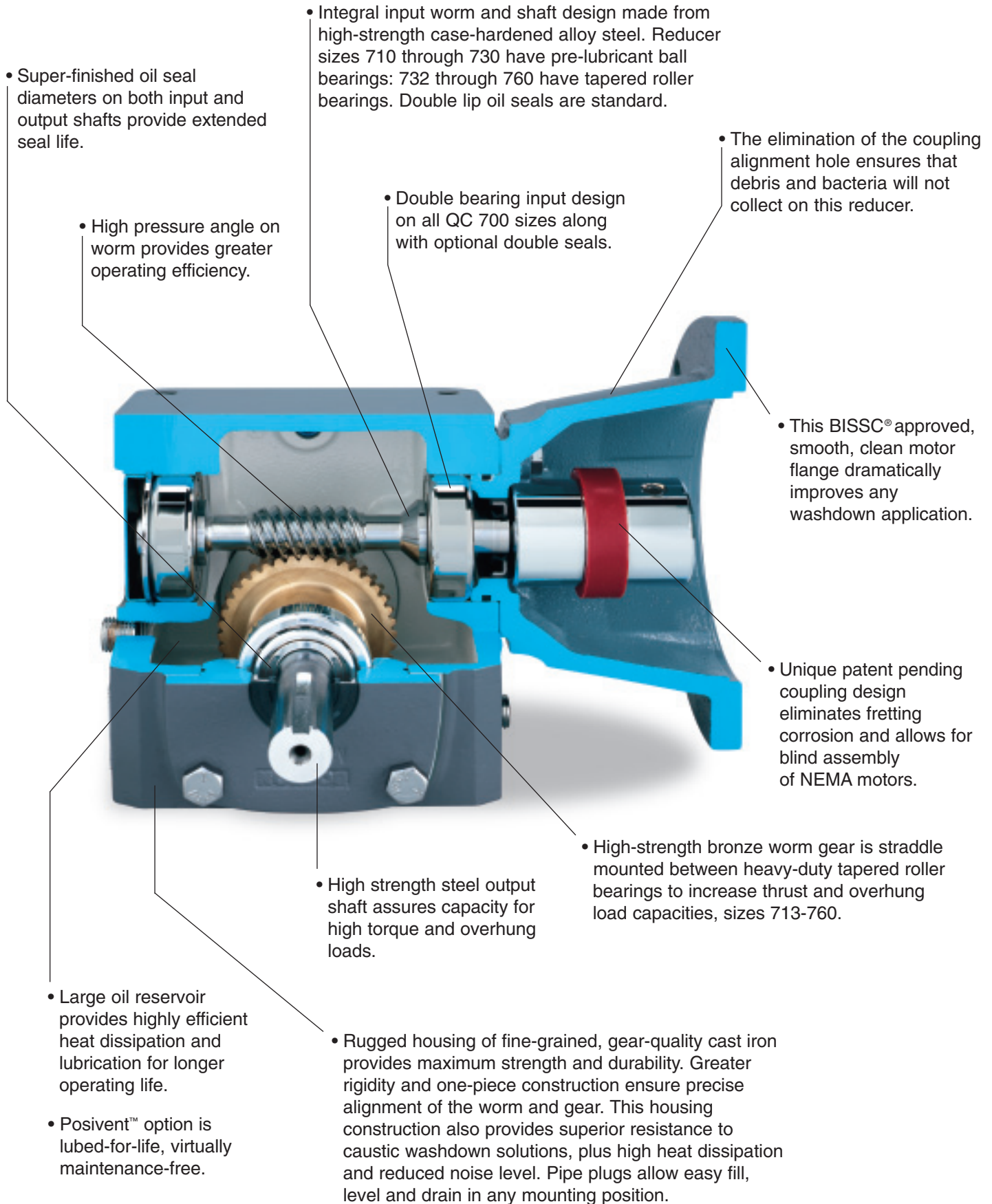
Reducer Express

We guarantee same day shipment by air if we receive your order by 12pm EST or we guarantee next business day shipment by air if your order is received after 12pm EST... or the air freight is free!

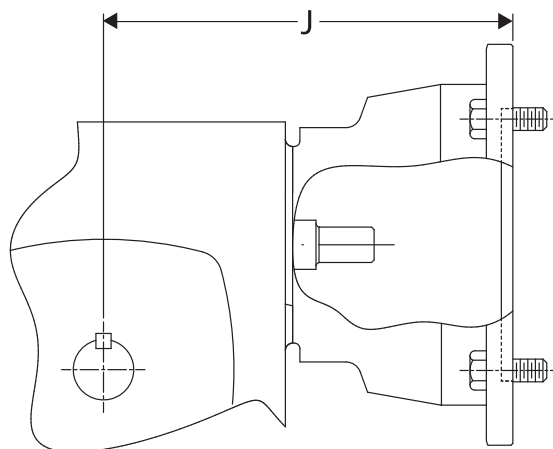
QC 700 Series



QC 700 Series



Dimensions



QC Compared To RF					Design Space Savings
CD/Reduction		NEMA	J-NEMA Mounting		
Single	Double		QC	RF	
710	W713	42CZ	4.15	4.76	0.61
	W718	56C	5.01	5.72	0.71
713	W721	56C	5.46	6.59	1.13
	W726				
715		56C	6.11	7.34	1.23
		140TC			
718	W730	56C	6.29	7.53	1.24
	W732	140TC			
721	W738	56C	6.76	8.31	1.55
		140TC			
724		56TC	6.95	8.50	1.55
		140TC			
		180TC			
726	W752	56TC	7.39	9.47	2.08
		140TC			
		180TC			
730		56TC	7.84	9.92	2.08
		140TC			
		180TC			
732	W760	56TC	8.20	10.28	2.08
		140TC			
		180TC			
738		140TC	8.70	11.81	3.11
		180TC			
		210TC			

Dimensions in inches

700 Series Single Reduction Catalog Number Explanation

HQC 7 32 R - 30 A F P T - B7 H 3 - P20

700 SERIES

STYLE

Blank - Projecting I/P & O/P shafts (No flange)

H - Projecting I/P, BostMount hollow O/P shaft, (No flange)

S - Projecting I/P, hollow O/P shaft (No flange)

F - Flanged reducer (Quill type), projecting O/P shaft

HF - Flanged reducer (Quill type), BostMount hollow O/P shaft

SF - Flanged reducer (Quill type), hollow O/P shaft

QC - Flanged reducer (Coupling type), projecting O/P shaft

HQC - Flanged reducer (Coupling type), BostMount hollow O/P shaft

SSF* - Stainless flanged reducer (Quill type) projecting O/P shaft

SSHF* - Stainless flanged reducer (Quill type) BostMount hollow O/P shaft

C Prefix - Cast iron flange and base (*SSF/SSHF sizes 718, 721, 726 only)

CENTER DISTANCE
(inches)

10 - 1.00
13 - 1.33
15 - 1.54
18 - 1.75
21 - 2.06
24 - 2.38
26 - 2.62
30 - 3.00
32 - 3.25
38 - 3.75
52 - 5.16
60 - 6.00

REDUCTION RATIO TO 1

5
10
15
20
25
30
40
50
60

FAN
(732-760 sizes only)

Blank - No fan
F - Fan kit
E - End cap available 732 & 738 only, when no fan is used.

OIL SEAL

T - Indicates two input seals.
V - Three piece input sealing system

H SERIES OUTPUT BORE CODE

For H700 Series only. Specified in 1/16" increments. See Worm Gear Drives Catalog for complete offering.
Example:
1 1/4" = P20

LUBRICATION

A - Posivent™ (factory filled with Mobil SHC634)

Blank - No Lube
S - Mobil SHC 634
L - Other than standard

P-Pressure Relief

BASE

Blank - No base kit required

A - Horizontal base - Worm under
B - Horizontal base - Worm over
C - Vertical High base - I/P right
D - Vertical Low base - I/P right
E - Vertical High base - I/P left
F - Vertical Low base - I/P left
R/L - BostMount Output Bracket
X - Input Vertical Up
Y - Input Vertical Down
V - Hollow O/P with base - I/P right
W - Hollow O/P with base - I/P left

NEMA 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

MOUNTING POSITIONS

Blank - No Lubrication Supplied

For Factory Prelubrication Indicate Mounting Position

1 - Standard Mounting
2-6 - Refer to Mounting Positions in Catalog

OUTPUT SHAFT ASSEMBLY
(When facing Input)

G - O/P Projection - Left
H - Double O/P Projection
J - O/P Projection - Right

700 Series Double Reduction Catalog Number Explanation

HQCWA 7 32 R- 100 A F P T - B5 -H 3 - P20

700 SERIES

STYLE

WA - Parallel shafts, projecting I/P & O/P

HWA - Parallel shafts, projecting I/P, BostMount Hollow O/P

SWA - Parallel shafts, projecting I/P, hollow O/P

WC - Right Angle shafts, projecting I/P & O/P

HWC - Right Angle shafts, projecting input, BostMount hollow output shaft

SWC - Right Angle shafts, projecting I/P, hollow O/P

FWA - Parallel shafts, Quill type I/P, projecting O/P

HFWA - Parallel shafts, Quill type I/P, BostMount Hollow O/P

SFWA - Parallel shafts, Quill type I/P, hollow O/P

FWC - Right Angle shafts Quill type I/P, projecting O/P

HFWC - Right Angle shafts, Quill type input, BostMount hollow output shaft

SFWC - Right Angle shafts, Quill type I/P hollow O/P

QCWA - Parallel shafts, Coupling type I/P, projecting O/P

HQCWA - Parallel shafts, Coupling type I/P, BostMount hollow O/P

QCWC - Right Angle shafts, Coupling type I/P, projecting O/P

HQCWC - Right Angle shafts, Coupling type input, BostMount hollow output shaft

C Prefix - Cast iron flange and base

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 - 5.16
60 - 6.00

REDUCTION RATIO TO 1

100 1200
150 1800
200 2000
300 2400
400 3000
600 3600
900

FAN
(732-760 sizes only)

Blank - No fan
F - Fan kit
E - End cap available 732 & 738 only, when no fan is used.

OIL SEAL

T - Indicates two input seals. For double seals, contact factory.
V - Three piece input seal consisting of oil seal, V ring and sleeve

H SERIES OUTPUT BORE CODE*

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(When facing Input)

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J - O/P Projection - Right

To Order Call: 888-999-9860



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