



PATENTED
PAT. <http://rbcn.biz/q=F3A63>

HERA®

STAINLESS STEEL HERA® HIGH-EFFICIENCY RIGHT ANGLE GEAR DRIVE TECHNICAL GUIDE

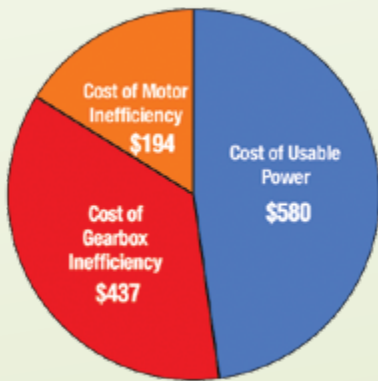
90% EFFICIENCY • 2X MORE TORQUE •
NO-HASSLE REPLACEMENT FOR WORM GEAR DRIVES

REGAL®

WHY STAINLESS STEEL HERA® GEAR DRIVES ?

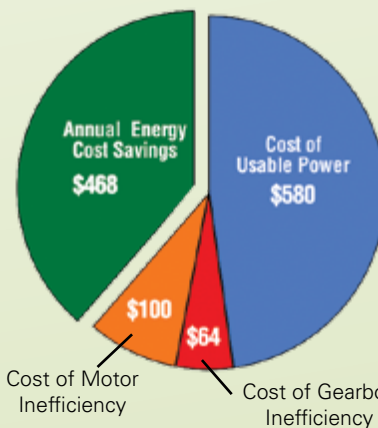
- Up to 40% more efficient than standard worm gearing
- Dimensionally interchangeable to up to 4 sizes of worm drives for inventory consolidation
- Smooth cast surface finish
- 90% efficiency
- Up to 2X torque density of worm speed reducers
- No-hassle bolt-in replacement of major brands of worm speed reducers
- Bronze bushing quill liner to prevent fretting and for easy motor removal
- Factory filled with USDA H1 lubricant for application service life of the drive
- Dual lip seals configured for severe high pressure and chemical washdown environments
- 316 stainless steel housings and 303 stainless steel shafts
- HACCP compatible
- BISSC certified
- Packaged with Marathon® PowerWash™ SXT all-stainless motors
- Three year warranty

WORM SYSTEM



Annual Operating Cost (total): \$1,211

SSHERA SYSTEM



Annual Operating Cost (total): \$744

ONLINE TOOLS & APPS

HERA SELECTOR

- Android and iPhone
- Select using physical parameters
- Select using competitor worm model number
- Shows unit and applicable kits, along with ratings
- Ask for HERA® Selector on i-Tunes or Google Play Marketplace



PRODUCT SEARCH & 3D MODEL CONFIGURATOR

- User friendly
- Quick navigation
- Native CAD files
- Find on the Hub City™ website under Tools > 3D Model Configurator & CAD



Go Online to Calculate Your Savings!

www.hubcityinc.com/energy_calculator/efficiency_calculator.html

SS HERA® GEAR DRIVE ORDERING INFORMATION

SSHERA45	E	S	28.01	143TC	1.438	(26)	0259-00245	0259-00216
Basic Model	Input Style	Output Style	Exact Ratio	Frame Size	Bore Size	Size Reference	Shaft Kit	B-Base Kit
SSHERA35 SSHERA45	A: Shaft Input E: C-face Quill P: C-face Coupled	S: (Sleeve) Hollow Bore K: Unit accepts HubLoc® Keyless Bushing System	See Ratings Chart for Available Ratios	See Dimensional Table for Available Frame Sizes	See Stock Bores Table - or - KLS: Unit accepts HubLoc® Keyless Bushing System	Applies to (A) Shaft Input styles only. See Dimensional Table for Available Sizes	See Accessories Page For available Accessories	

RATINGS

SELECT BASIC MODEL

Using the rating chart below, select basic model and ratio based on application HP, service factor and output torque requirements (Please note color-coding for quick selection by motor HP). OR, if interchanging from competitor worm drive, use the interchange chart on back of this brochure to select the basic model.

Basic Model Quick Selection By Motor HP

(1.0 Service Factor @ 1750 RPM Input)

Nom. Ratio	1/2	3/4	1	1-1/2	2	3	5	7-1/2	10	15	20
7/1	35	35	35	35	35	35	45	45			
10/1	35	35	35	35	35	45	45				
15/1	35	35	35	35	35	45	45				
20/1	35	35	35	35	45	45					
30/1	35	35	35	45	45						
40/1	35	35	45	45	45						
50/1	35	45	45	45							
60/1	35	45	45								

Consult factory for high efficiency right angle drives suited for these power ratings.



Try the new HERA® Selector app for Android and iPhone.

SS HERA® Gear Drive Power Ratings (@ 1.0 Service Factor)

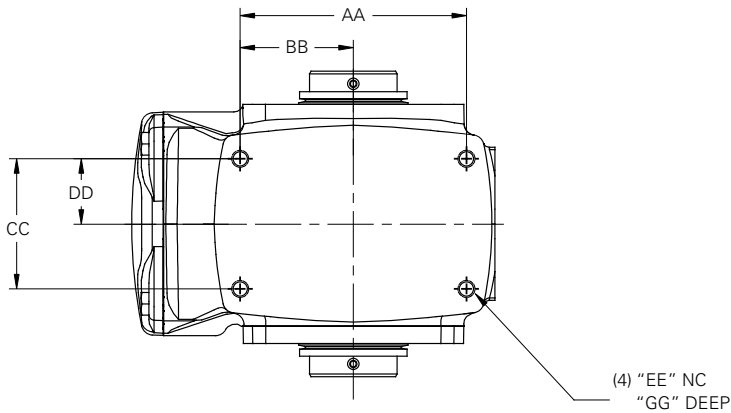
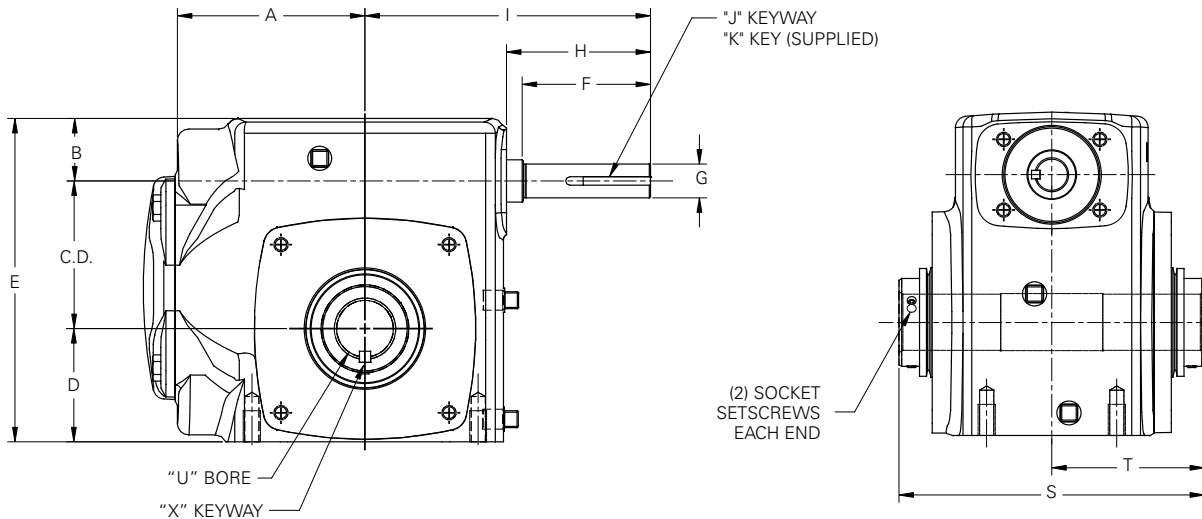
Nom. Ratio	INPUT RPM	Eff. (%)	SSHERA35			SSHERA45		
			Exact Ratio	Input HP	Output Torque (in. lbs.)	Exact Ratio	Input HP	Output Torque (in. lbs.)
7/1	2500	90	8.02	2.00	364	7.80	8.50	1504
10/1	2500	90	11.42	2.00	518	11.36	7.50	1933
15/1	2500	90	15.60	2.00	708	15.60	7.00	2478
20/1	2500	90	19.93	2.00	905	19.50	5.88	2600
30/1	2500	90	29.10	1.67	1100	28.01	4.09	2600
40/1	2500	90	43.53	1.11	1100	39.98	2.87	2600
50/1	2500	90	52.50	0.92	1100	52.50	2.18	2600
60/1	2500	90	58.33	0.83	1100	59.79	1.92	2600
7/1	1750	90	8.02	4.23	1100	7.80	8.50	2149
10/1	1750	90	11.42	2.97	1100	11.36	7.06	2600
15/1	1750	90	15.60	2.18	1100	15.60	5.14	2600
20/1	1750	90	19.93	1.70	1100	19.50	4.11	2600
30/1	1750	90	29.10	1.17	1100	28.01	2.86	2600
40/1	1750	90	43.53	0.78	1100	39.98	2.01	2600
50/1	1750	90	52.50	0.65	1100	52.50	1.53	2600
60/1	1750	90	58.33	0.58	1100	59.79	1.34	2600
7/1	1150	90	8.02	2.78	1100	7.80	6.76	2600
10/1	1150	90	11.42	1.95	1100	11.36	4.64	2600
15/1	1150	90	15.60	1.43	1100	15.60	3.38	2600
20/1	1150	90	19.93	1.12	1100	19.50	2.70	2600
30/1	1150	90	29.10	0.77	1100	28.01	1.88	2600
40/1	1150	90	43.53	0.51	1100	39.98	1.32	2600
50/1	1150	90	52.50	0.42	1100	52.50	1.00	2600
60/1	1150	90	58.33	0.38	1100	59.79	0.88	2600
7/1	850	90	8.02	2.06	1100	7.80	5.00	2600
10/1	850	90	11.42	1.44	1100	11.36	3.43	2600
15/1	850	90	15.60	1.06	1100	15.60	2.50	2600
20/1	850	90	19.93	0.83	1100	19.50	2.00	2600
30/1	850	90	29.10	0.57	1100	28.01	1.39	2600
40/1	850	90	43.53	0.38	1100	39.98	0.97	2600
50/1	850	90	52.50	0.31	1100	52.50	0.74	2600
60/1	850	90	58.33	0.28	1100	59.79	0.65	2600
7/1	100	90	8.02	0.24	1100	7.80	0.59	2600
10/1	100	90	11.42	0.17	1100	11.36	0.40	2600
15/1	100	90	15.60	0.12	1100	15.60	0.29	2600
20/1	100	90	19.93	0.10	1100	19.50	0.24	2600
30/1	100	90	29.10	0.07	1100	28.01	0.16	2600
40/1	100	90	43.53	0.04	1100	39.98	0.11	2600
50/1	100	90	52.50	0.04	1100	52.50	0.09	2600
60/1	100	90	58.33	0.03	1100	59.79	0.08	2600



Additional ratios from 70/1 to 420/1 are available by adding a Stainless Steel Helical Ratio Multiplier to SS HERA GEAR DRIVE SEE PAGE 14

SHAFT INPUT

MODELS: SSHERA35AS & SSHERA45AS



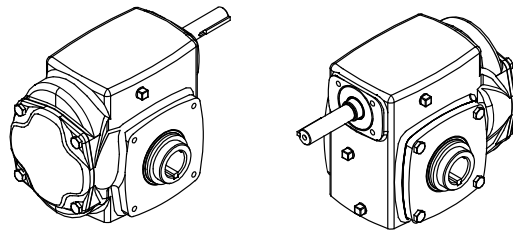
Note: Dual mounting pattern provided on SSHERA35

MODIFIED UNITS ARE AVAILABLE, Consult factory:

These units can be furnished with a solid output shaft on special orders. Stock Plug-In Shaft Kits also available. **SEE PAGE 10**

Shaft mounted units require torque arms. Torque arm bracket kits are available. **SEE PAGE 13**

Note: Dimensions shown are for reference only. Consult factory at 605-225-0360 or hubsales@regalbeloit.com for vertical shaft lubrication recommendations.



Note: Dimensions shown are for reference only. Consult factory at 605-225-0360 or hubsales@regalbeloit.com for vertical shaft lubrication recommendations.

MODELS: SShERA35AS & SShERA45AS

SHAFT INPUT

MODEL	C.D.	A	B	D	E	AA	BB	CC	DD	EE	GG
SSHERA35AS	2.509	4.26	1.35	2.062	5.92	4.188	2.094	2.750	1.375	5/16 UNC	0.63
						5.000	2.500	2.875	1.438	3/8 UNC	0.69
SSHERA45AS	3.263	4.90	1.38	2.500	7.14	5.000	2.500	2.875	1.438	3/8 UNC	0.69

MODEL	SIZE REF.	F	G	H	I	J	K	Wt. Lbs.
SSHERA35AS	18	1.56	.6245/6235	1.94	4.88	3/16 X 3/32	3/16 SQ X 1-1/4	29
	21	1.81		2.19	5.13		3/16 SQ X 1-1/2	
	24	2.00	.7495/7485	2.38	5.32			
SSHERA45AS	24	2.00	.7495/7485	2.38	5.50	3/16 X 3/32	3/16 SQ X 1-1/2	43
	26	2.81		3.19	6.31			
	30	3.44	.8745/8735	3.76	6.88			
	32	4.00		4.32	7.44			

Note: Size Ref must be identified when ordering shaft input versions

STOCK BORES

MODEL	S	T	U	X	Key Furnished
SSHERA35AS	6.00	3.00	3/4	3/16 X 3/32	3/16 Sq.
			7/8	3/16 X 3/32	3/16 Sq.
			1	1/4 X 1/8	1/4 Sq.
			1-1/8	1/4 X 1/8	1/4 Sq.
			1-3/16	1/4 X 1/8	1/4 Sq.
			1-1/4	1/4 X 1/8	1/4 Sq.
			1-7/16	3/8 X 1/8	3/8 X 5/16
SSHERA45AS	6.75	3.38	1	1/4 X 1/8	1/4 Sq.
			1-1/8	1/4 X 1/8	1/4 Sq.
			1-3/16	1/4 X 1/8	1/4 Sq.
			1-1/4	1/4 X 1/8	1/4 Sq.
			1-7/16	3/8 X 1/8	3/8 X 5/16
			1-1/2	3/8 X 1/8	3/8 X 5/16

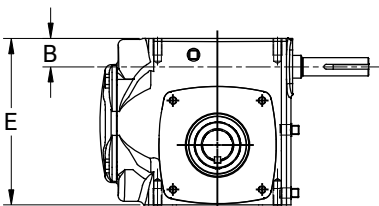
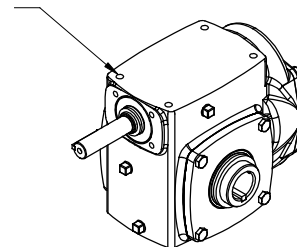
BORE TOLERANCE NOMINAL + .0025

OPTIONAL MACHINED TOP

To order, specify model SSMHERA35AS OR SSMHERA45AS

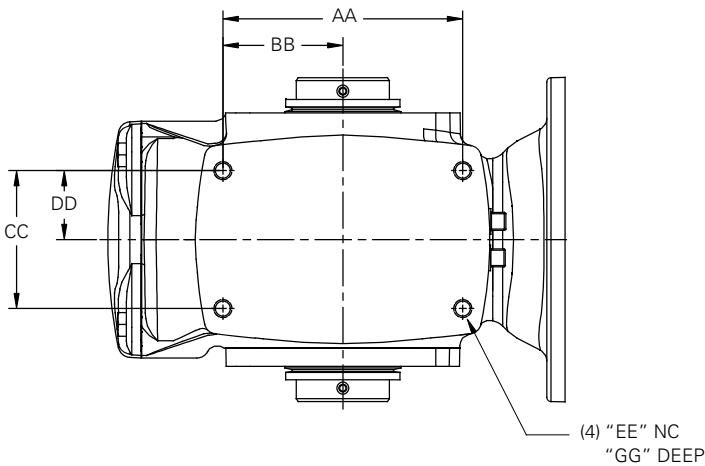
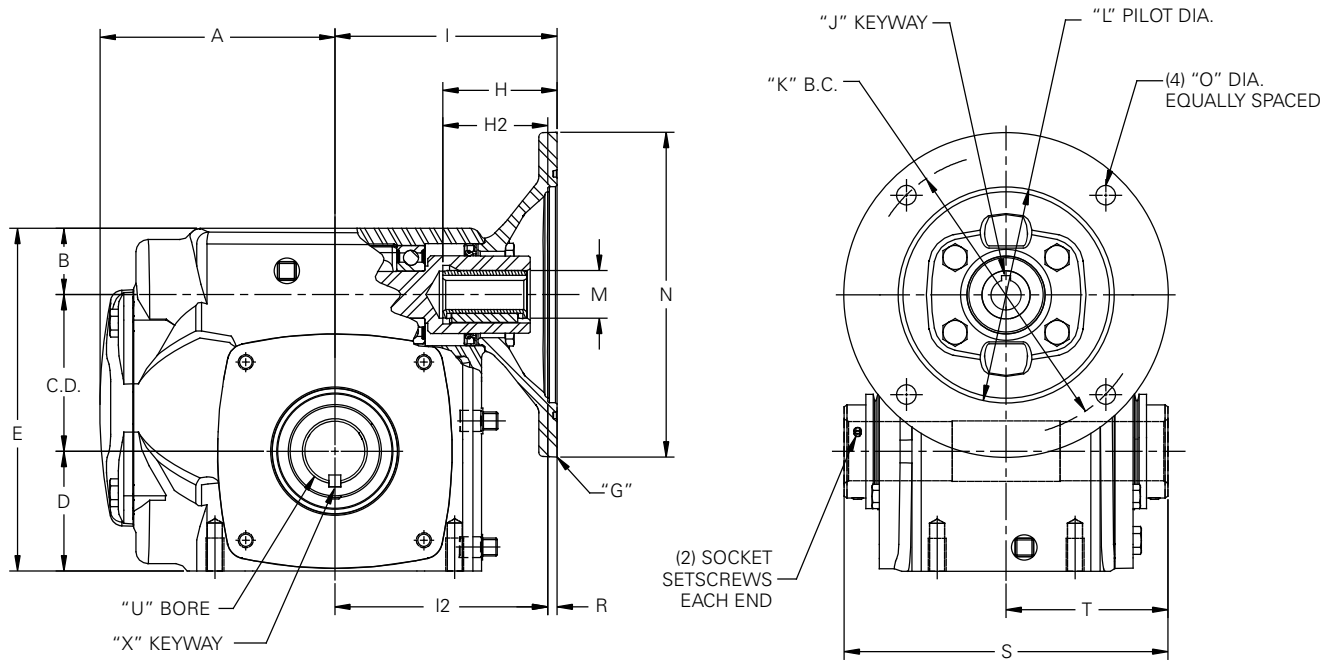
MODEL	B	E
SSMHERA35AS	1.178	5.750
SSMHERA45AS	1.175	6.938

Mounting holes on the machined top are the same size and are located on the same pattern as the mounting holes on the bottom.



QUILL INPUT

MODELS: SShERA35ES & SShERA45ES



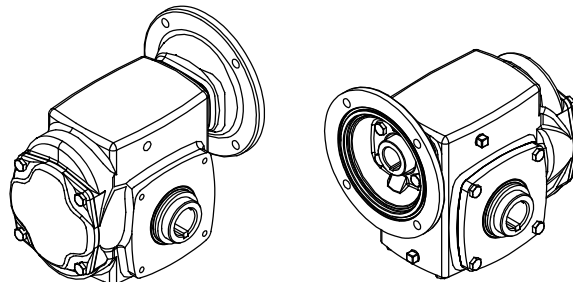
Note: Dual mounting pattern provided on SShERA35

MODIFIED UNITS ARE AVAILABLE, Consult factory:

These units can be furnished with a solid output shaft on special orders. Stock Plug-In Shaft Kits also available. **SEE PAGE 10**

Shaft mounted units require torque arms. Torque arm bracket kits are available. **SEE PAGE 13**

Note: Dimensions shown are for reference only. Consult factory at 605-225-0360 or hubsales@regalbeloit.com for vertical shaft lubrication recommendations.



Note: Dimensions shown are for reference only. Consult factory at 605-225-0360 or hubsales@regalbeloit.com for vertical shaft lubrication recommendations.

MODELS: SSHERA35ES & SSHERA45ES

QUILL INPUT

MODEL	C.D.	A	B	D	E	AA	BB	CC	DD	EE	GG
SSHERA35ES	2.509	4.26	1.35	2.062	5.92	4.188	2.094	2.750	1.375	5/16 UNC	0.63
						5.000	2.500	2.875	1.438	3/8 UNC	0.69
SSHERA45ES	3.263	4.90	1.38	2.500	7.14	5.000	2.500	2.875	1.438	3/8 UNC	0.69

MODEL	G	H	H2	I	I2	J	K	L	M	N	O	R	Wt. Lbs.
SSHERA35ES	56C	2.38	N/A	4.44	N/A	3/16 X 3/32	5.875	4.501/4.503	0.625	6.62	13/32	0.188	33
	143TC	2.38							0.875				
SSHERA45ES	56C	2.38	N/A	4.63	N/A	3/16 X 3/32	5.875	4.501/4.503	0.625	6.62	13/32	0.188	47
	143TC	2.38							0.875				
	182TC	N/A	2.89	N/A	5.06	1/4 X 1/8	7.250	8.501/8.503	1.125	9.01	17/32	0.188	50

STOCK BORES

MODEL	S	T	U	X	Key Furnished
SSHERA35ES	6.00	3.00	3/4	3/16 X 3/32	3/16 Sq.
			7/8	3/16 X 3/32	3/16 Sq.
			1	1/4 X 1/8	1/4 Sq.
			1-1/8	1/4 X 1/8	1/4 Sq.
			1-3/16	1/4 X 1/8	1/4 Sq.
			1-1/4	1/4 X 1/8	1/4 Sq.
			1-7/16	3/8 X 1/8	3/8 X 5/16
SSHERA45ES	6.75	3.38	1	1/4 X 1/8	1/4 Sq.
			1-1/8	1/4 X 1/8	1/4 Sq.
			1-3/16	1/4 X 1/8	1/4 Sq.
			1-1/4	1/4 X 1/8	1/4 Sq.
			1-7/16	3/8 X 1/8	3/8 X 5/16
			1-1/2	3/8 X 1/8	3/8 X 5/16

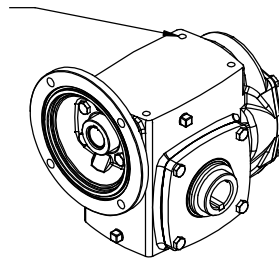
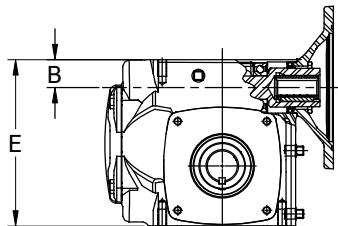
BORE TOLERANCE NOMINAL + .0025

OPTIONAL MACHINED TOP

To order, specify model SSMHERA35ES OR SSMHERA45ES

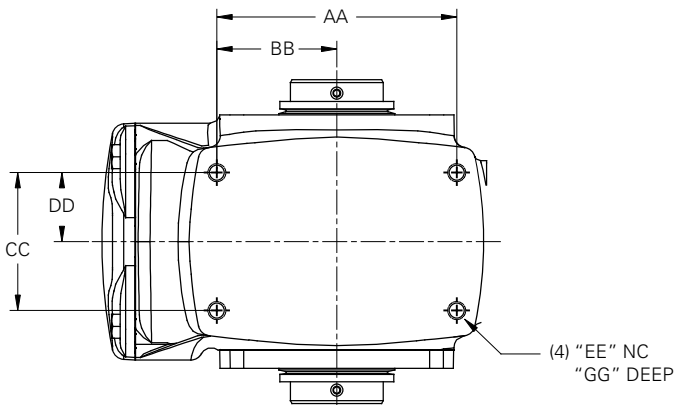
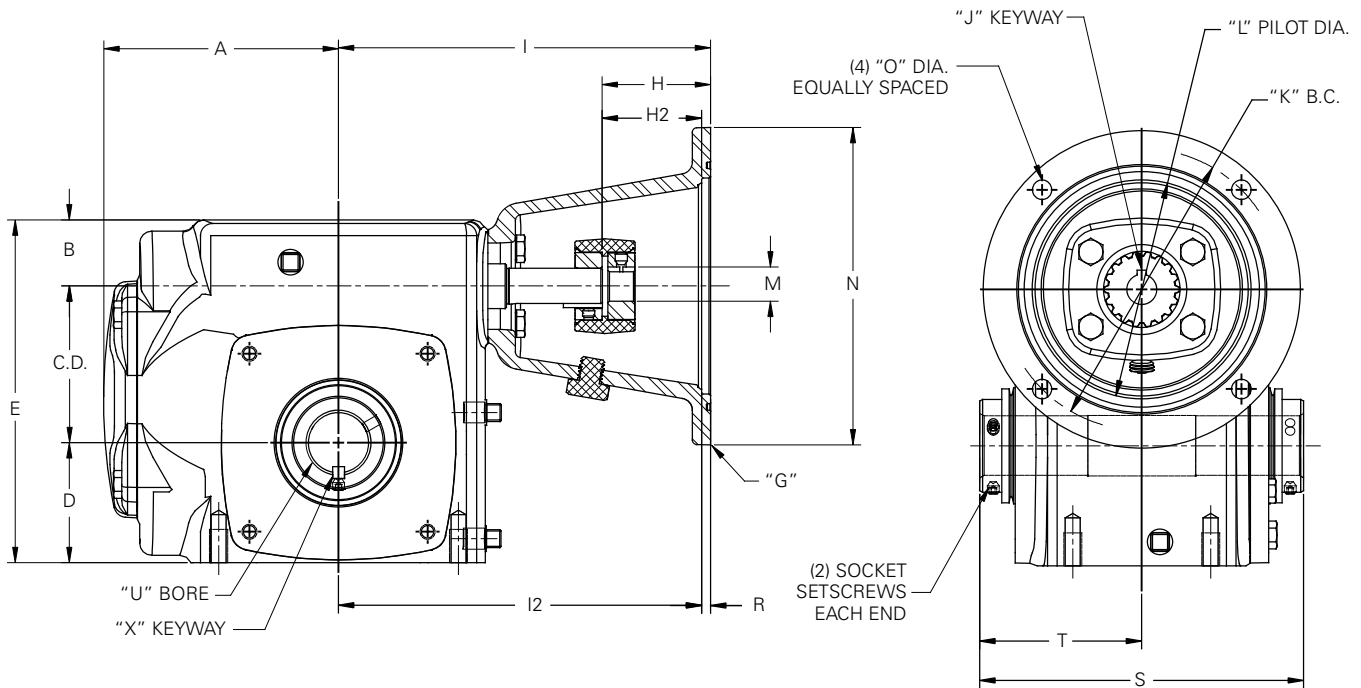
MODEL	B	E
SSMHERA35ES	1.178	5.750
SSMHERA45ES	1.175	6.938

Mounting holes on the machined top are the same size and are located on the same pattern as the mounting holes on the bottom.



COUPLED INPUT

MODELS: SShERA35PS & SShERA45PS



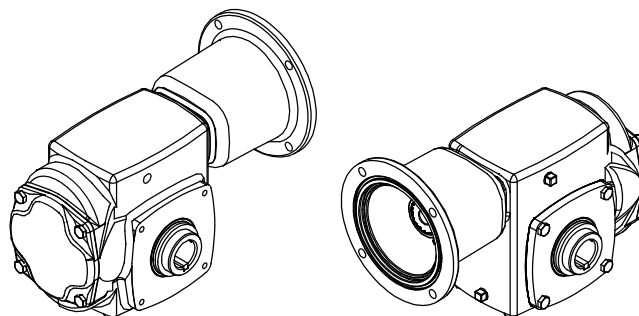
Note: Dual mounting pattern provided on SShERA35

MODIFIED UNITS ARE AVAILABLE, Consult factory:

These units can be furnished with a solid output shaft on special orders. Stock Plug-In Shaft Kits also available. **SEE PAGE 10**

Shaft mounted units require torque arms. Torque arm bracket kits are available. **SEE PAGE 13**

Note: Dimensions shown are for reference only. Consult factory at 605-225-0360 or hubsales@regalbeloit.com for vertical shaft lubrication recommendations



Note: Dimensions shown are for reference only. Consult factory at 605-225-0360 or hubsales@regalbeloit.com for vertical shaft lubrication recommendations.

MODELS: SShERA35PS & SShERA45PS

COUPLED INPUT

MODEL	C.D.	A	B	D	E	AA	BB	CC	DD	EE	GG
SSHERA35PS	2.509	4.26	1.35	2.062	5.92	4.188	2.094	2.750	1.375	5/16 UNC	0.63
						5.000	2.500	2.875	1.438	3/8 UNC	0.69
SSHERA45PS	3.263	4.90	1.38	2.500	7.14	5.000	2.500	2.875	1.438	3/8 UNC	0.69

MODEL	G	H	H2	I	I2	J	K	L	M	N	O	R	Wt. Lbs.
SSHERA35PS	56C	2.25	N/A	7.57	N/A	3/16 X 3/32	5.875	4.501/4.503	0.625	6.62	13/32	0.188	38
	143TC								0.875				
SSHERA45PS	56C	2.26	N/A	7.76	N/A	3/16 X 3/32	5.875	4.501/4.503	0.625	6.62	13/32	0.188	52
	143TC								0.875				
	182TC	N/A	3.25	N/A	8.76	1/4 X 1/8	7.250	8.501/8.503	1.125	9.01	17/32	0.188	62

STOCK BORES

MODEL	S	T	U	X	Key Furnished
SSHERA35PS	6.00	3.00	3/4	3/16 X 3/32	3/16 Sq.
			7/8	3/16 X 3/32	3/16 Sq.
			1	1/4 X 1/8	1/4 Sq.
			1-1/8	1/4 X 1/8	1/4 Sq.
			1-3/16	1/4 X 1/8	1/4 Sq.
			1-1/4	1/4 X 1/8	1/4 Sq.
			1-7/16	3/8 X 1/8	3/8 X 5/16

MODEL	S	T	U	X	Key Furnished
SSHERA45PS	6.75	3.38	1	1/4 X 1/8	1/4 Sq.
			1-1/8	1/4 X 1/8	1/4 Sq.
			1-3/16	1/4 X 1/8	1/4 Sq.
			1-1/4	1/4 X 1/8	1/4 Sq.
			1-7/16	3/8 X 1/8	3/8 X 5/16
			1-1/2	3/8 X 1/8	3/8 X 5/16

BORE TOLERANCE NOMINAL + .0025

NEMA "C" FLANGE ADAPTOR KITS

SERIES	BASE UNIT REQUIRED		C-FLANGE KIT NO.	SHIPPING WT. LBS.	G
	MODEL	SIZE FEF			
SSHERA35	SSHERA35AS	24	0259-00232	10	56C
			0259-00233	10	143TC
SSHERA45	SSHERA45AS	24	0259-00232	10	56C
			0259-00233	10	143TC
			0259-00234	21	182TC

Nema C-Flange Adaptor Kits can be ordered separately and attached to SShERA_AS models. See chart for base unit requirements onto which they can be attached.

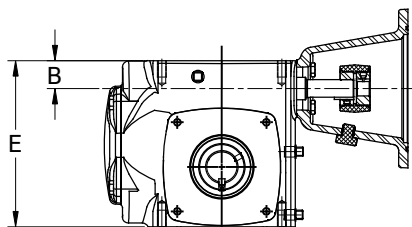
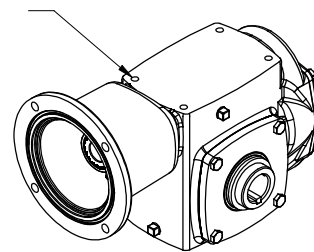


OPTIONAL MACHINED TOP

To order, specify model SSMHERA35PS OR SSMHERA45PS

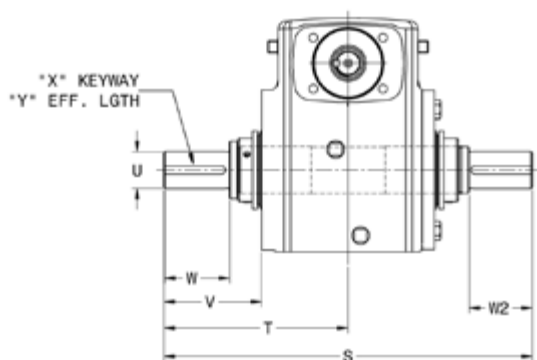
MODEL	B	E
SSMHERA35PS	1.178	5.750
SSMHERA45PS	1.175	6.938

Mounting holes on the machined top are the same size and are located on the same pattern as the mounting holes on the bottom.

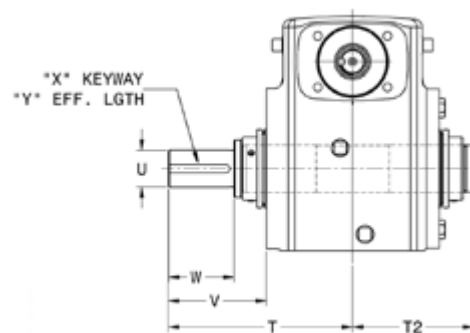


SHAFT KITS

SS HERA® GEAR DRIVE ACCESSORIES



Double Extended



Single Extended

Note: Single Extended Kit can be installed from either side.

PLUG-IN SHAFT KITS

Series	Size Ref.	Double Ext Kit No.	Single Ext Kit No.	S	T	T2	U	V	W	W2	X	Y	Key(s) Furnished	WT. LBS.
SSHERA35	18	0259-00235	0259-00236	8.62	4.31	3.22	0.875	1.93	1.13	1.09	3/16 x 3/32	0.88	3/16 SQ X 7/8	4.1
	21	0259-00237	0259-00238	9.38	4.69	3.22	1.000	2.31	1.51	1.47	1/4 X 1/8	1.25	1/4 SQ X 1-1/4	4.2
	24	0259-00239	0259-00240	10.28	5.14	3.22	1.125	2.76	1.96	1.92	1/4 X 1/8	1.75	1/4 SQ X 1-1/2	4.4
SSHERA45	24	0259-00241	0259-00242	10.28	5.14	3.70	1.125	2.50	1.52	1.44	1/4 X 1/8	1.31	1/4 SQ X 1-1/4	4.7
	26	0259-00243	0259-00244	11.25	5.63	3.70	1.125	2.99	2.00	1.93	1/4 X 1/8	1.75	1/4 SQ X 1-1/2	4.8
	30	0259-00245	0259-00246	13.50	6.75	3.70	1.250	4.11	3.13	3.05	1/4 X 1/8	2.25	1/4 SQ X 2-1/4	5.4
	32	0259-00247	0259-00248	14.12	7.06	3.70	1.375	4.42	3.44	3.39	5/16 X 5/32	2.50	5/16 SQ X 2-3/8	5.8

Note: All Plug-In Shaft Kits Require a Stock Output Sleeve Bore of 1.438" for all SSSHERA models.

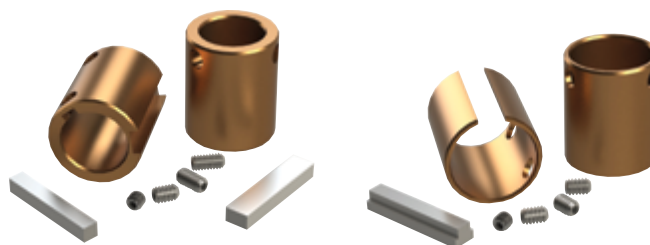


BUSHING KITS

BRONZE OUTPUT BUSHING KITS

Bronze Output Bushing Kits provide a means to adapt the Stock Bore hollow bore diameter to the most popular shaft diameters on driven equipment. Quick and easy installation. Bushing Kits fit both Models SSSHERA35 and SSSHERA45.

Note: 1.438" stock bore required. Bushing Kits include one drive bushing (keyed), one support bushing (non-keyed), keys and set screws for mounting.



Bronze Output Bushing Kits

SERIES	BUSHING KIT NUMBER	BORE SIZE	BUSHING LENGTH	DRIVEN SHAFT KEYWAY
SSHERA35 & SSSHERA45	0259-00256	1.000	(2) @ 2.00" ea.	3/16 x 3/32
SSHERA35 & SSSHERA45	0259-00257	1.250	(2) @ 2.00" ea.	1/4 x 1/8

MARATHON® POWERWASH™ SXT MOTORS

Featuring:

- All stainless steel, totally enclosed
- 300 Series stainless steel external construction: frame, endshields, conduit box, mounting base and hardware for superior corrosion resistance
- 100% paint-free construction
- Nameplate information laser etched on frame
- UL Recognized, CSA Certified and CE Mark



Three Phase 1800 RPM C-Face Footless

HP	FRAME	CAT. NO.	WEIGHT
1/3	56C	N430	30
1/2	56C	N431	33
3/4	56C	N432	38
1	56C	N433A	55
1	143TC	N434B	55
1 1/2	56C	N435A	56
1 1/2	145TC	N436A	56
2	56C	N437A	59
2	145TC	N438B	59

Catalog numbers in **BOLD BLUE** have Efficiency Levels that meet EISA Requirements.

HUBLOC® KEYLESS BUSHING SYSTEM FEATURES:

- The HubLoc system creates a keyless, backlash-free mechanical interference fit that eliminates the micromovement that causes fretting and cold welding.
- Self-centering design achieves optimum concentricity and eliminates oscillation in shaft mounted applications.
- HubLoc system can be installed easily in a few minutes requiring only standard hand tools.
- Is easily uninstalled using threaded push-off holes.
- HubCap® protective covers are made from metal-detectable plastic to support customer HACCP programs. The blue color of the covers indicates that they are metal-detectable.

- Tamper resistant HubCap protective covers are easily installed by hand and require a hand tool for removal. No additional hardware needed.
- The open HubCap cover is split so that it can be installed after bushing installation. The two cover halves snap together for easy installation by hand.
- NEW – Heavy Duty Stainless Steel Safety Covers available to provide an extra measure of protection where needed. In stock for Model HERA35 and HERA45 Gear Drives. Other sizes available on request.



HUBLOC® KEYLESS BUSHING ORDERING INFORMATION

Step 1: Choose HubLoc Model based on your Product Line and Series/Model.

	Product Line	Series/Model	HubLoc Model
Stainless Steel Products	Stainless Steel	SSHERA35EK	HL10SS
	HERA Gear Drive	SSHERA45EK	HL10SS

Step 2: Choose HubLoc Kit based on HubLoc Model determined in Step 1, and bore size desired.

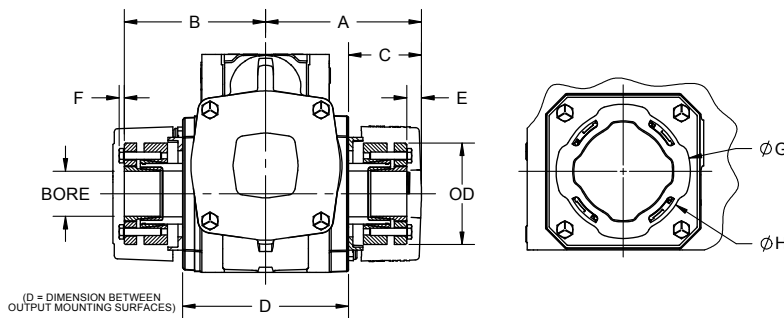
	HubLoc Model	Bores	HubLoc Kit Model
Stainless Steel HubLoc® Kits	HL10SS	1.000	HL10SS100K*
		1.188	HL10SS103K*
		1.250	HL10SS104K*
		1.375	HL10SS106K*
		1.438	HL10SS107K*

STOCK MODEL DIMENSIONS

MODELS	A	B	C	D	E	F	G	OD
SSHERA35EK	4.78	4.25	2.40	4.77	0.53	0.16	4.28	3.23
SSHERA45EK	5.04	4.50	2.40	5.28	0.54	0.16	4.28	3.23

* Stock Kit.

HubLoc Kit contains (2) Bushings Sets, (1) HubCap Closed Protective Cover, and (1) HubCap Open Protective Cover.
 Note: HubCap Closed Cover Kits can be ordered separately and fit both SSHERA35 and SSHERA45 models. Part # 0259-00313



NEW: Heavy duty stainless steel safety covers

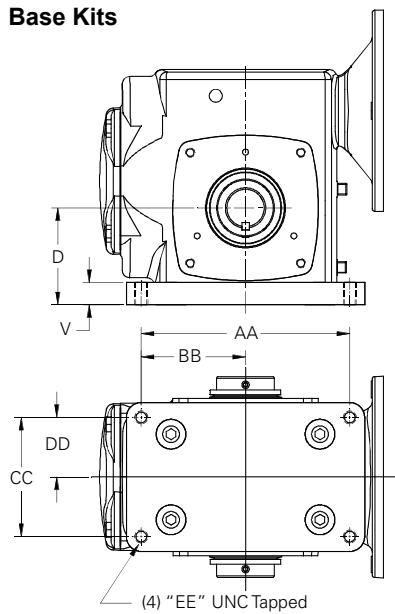
SSHERA35 - CLOSED COVER KIT	0259-00294
SSHERA35 - OPEN COVER KIT	0259-00295
SSHERA45 - CLOSED COVER KIT	0259-00292
SSHERA45 - OPEN COVER KIT	0259-00293

Note: above kits include hardware and covers for one side of unit. (open covers allow output shaft to protrude)

BASE KITS

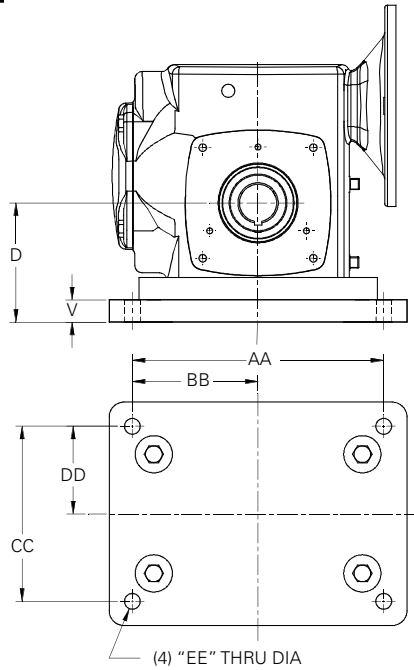
SS HERA® GEAR DRIVE ACCESSORIES

Base Kits



B-Base

SS HERA B-bases provide a drop-in mounting solution when replacing comparable rated worm gear reducers



T-Base

SS HERA T-bases provide a drop-in mounting solution when replacing comparable rated worm gear reducers that are also utilizing a horizontal mounting base.

- B - interchange base (required if interchanging to larger size worm gear reducer) provides appropriate "D" dimension and tapped mounting hole dimensions & pattern
- T - Base (includes B-base above) provides means to bolt unit from above mounting surface and matches competitor worm mounting base bolt patterns



B - BASE KITS

Series	B-Base Kit No.	Shipping Wt. Lbs.	Size Ref.	D	V	AA	BB	CC	DD	EE
SSHERA35	0259-00213	1.7	21	2.281	0.22	5.00	2.50	2.88	1.44	3/8 UNC
	0259-00214	3.1	24	2.500	0.44	5.00	2.50	2.88	1.44	3/8 UNC
	0259-00215	4.0	26	2.938	0.44	6.38	3.19	3.38	1.69	3/8 UNC
SSHERA45	0259-00216	9.0	30	3.250	0.75	7.00	3.50	4.00	2.00	7/16 UNC
	0259-00217	12.0	32	3.500	1.00	7.50	3.75	4.00	2.00	7/16 UNC

T - BASE KITS

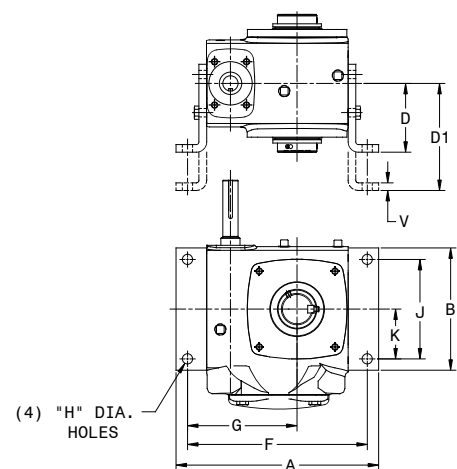
Series	T-Base Kit No.	Shipping Wt. Lbs.	Size Ref.	D	V	AA	BB	CC	DD	EE
SSHERA35	0259-00218	8.5	18	2.750	0.69	5.75	2.88	4.5	2.25	0.41
	0259-00219	11.8	21	3.000	0.72	6.38	3.19	4.69	2.34	0.47
	0259-00220	14.9	24	3.250	0.75	7.06	3.53	4.88	2.44	0.47
SSHERA45	0229-00221	12.0	24	3.250	0.75	7.06	3.53	4.88	2.44	0.47
	0259-00222	17.6	26	3.688	0.75	8.00	4.00	5.25	2.63	0.53
	0259-00223	25.1	30	4.000	0.75	8.44	4.22	5.88	2.94	0.53
	0259-00224	35.5	32	4.375	0.88	9.50	4.75	6.13	3.06	0.53

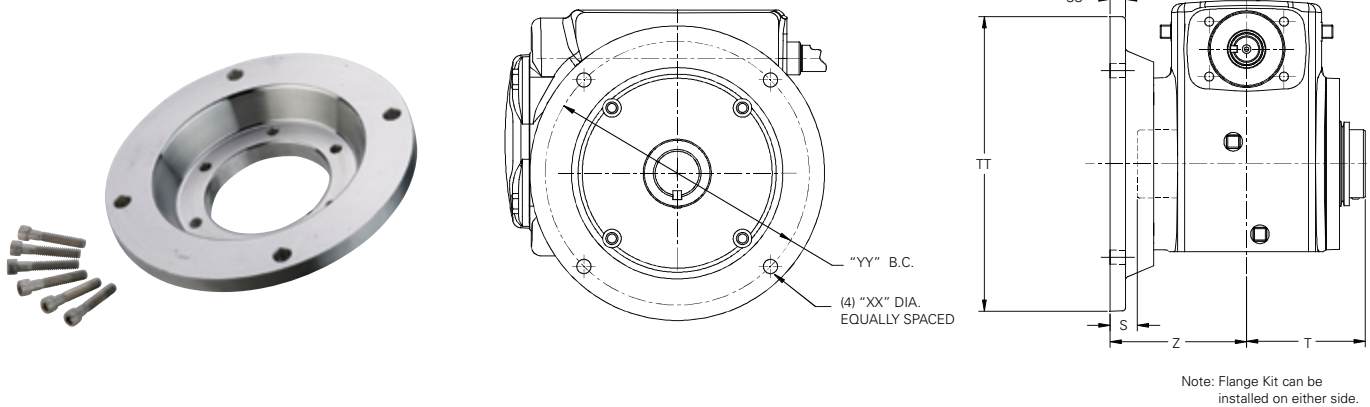
VERTICAL BASE KITS

SERIES	VERTICAL BASE KIT NO.	Shipping WT. LBS.	A	B	D	D1
SSHERA35	0259-00281	7.0	8.25	5.00	3.00	4.38
SSHERA45	0259-00282	10.0	9.94	6.00	3.38	5.25

SERIES	F	G	H	J	K	V
SSHERA35	7.37	4.50	0.44	4.00	2.00	0.25
SSHERA45	8.81	5.38	0.50	4.88	2.44	0.38

Note: Vertical base kit can only be attached to machined top version (Models SSMHERA35 and SSMHERA45)





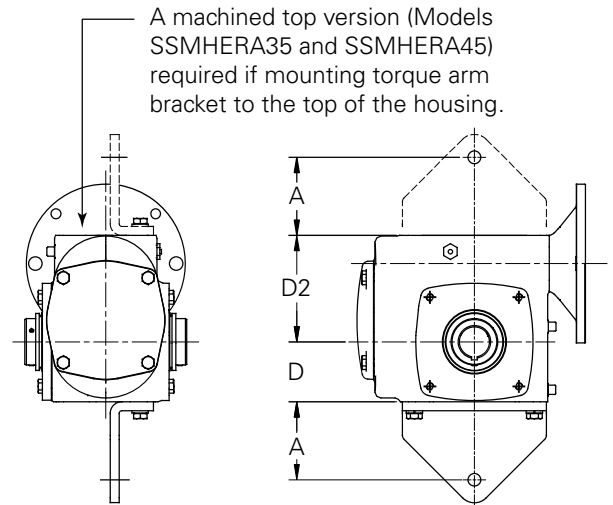
F - FLANGE KITS

Series	F-Flange Kit No.	Shipping Wt. Lbs.	Size Ref.	S	T	Z	SS	TT	XX	YY
SSHERA35	0259-00225	5.5	18	0.19	3.00	3.19	0.38	6.50	0.34	5.875
	0259-00226	6.5	21	0.56	3.00	3.56	0.44	7.88	0.41	7.000
	0259-00227	7.3	24	0.50	3.00	3.50	0.44	8.38	0.41	7.500
SSHERA45	0259-00228	7.3	24	0.50	3.38	3.88	0.44	8.38	0.41	7.500
	0259-00229	8.6	26	0.06	3.38	3.44	0.50	8.88	0.41	8.000
	*0259-00230	8.4	30	-0.10	3.38	3.28	0.50	9.88	0.41	9.000

*Factory modifications required if used with quill syle input models.

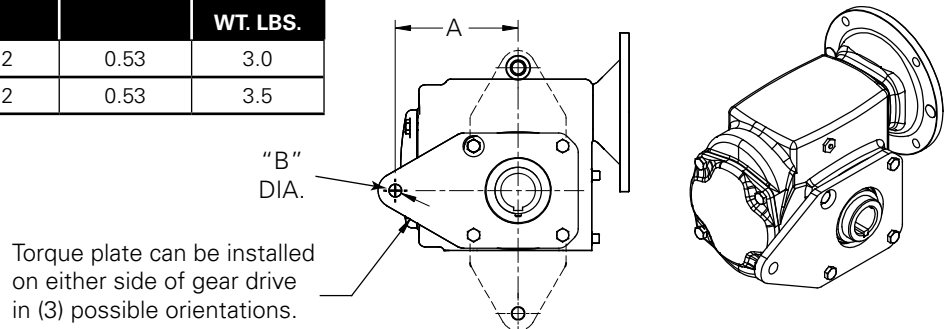
TORQUE ARM BRACKETS

SERIES	TORQUE ARM KIT NO.	A	D	D2	Shipping WT. LBS.
SSHERA35	0279-00820	3.25	2.062	3.688	4.0
SSHERA45	0279-00820	3.25	2.500	4.438	4.0



TORQUE PLATE KITS (SIDE MOUNTED)

SERIES	TORQUE PLATE KIT NO.	A	B	Shipping WT. LBS.
SSHERA35	0259-00311	5.12	0.53	3.0
SSHERA45	0259-00312	5.12	0.53	3.5



COMPOUND HERA

HUB CITY™ CLEANLINE™ GEAR DRIVES STAINLESS STEEL HELICAL HERA® COMPOUND SPEED REDUCER ASSEMBLIES

A Stainless Steel Helical Ratio Multiplier, when coupled with a C-faced SSHERA® Gear Drive (see illustration) can create an efficient compound speed reducer assembly. Please refer to rating chart example below for selection instructions.

SS Helical HERA® Compound Reduction Mechanical Ratings

RATINGS @ 1750 INPUT RPM, 1.00 SERVICE FACTOR

USE CHARTS BELOW WHEN COUPLING A STAINLESS STEEL HELICAL RATIO MULTIPLIER WITH A SS HERA® GEAR DRIVE

TOTAL RATIO	OUTPUT RPM	SSHERA MODEL	SSHERA RATIO	SSRM INPUT RATIO	INPUT HP	OUTPUT TORQUE
79.73	21.9	SSHERA35	15.60	5.111	0.45	1,100
85.22	20.5	SSHERA35	11.42	7.462	0.42	1,100
89.50	19.6	SSHERA35	43.53	2.056	0.40	1,100
101.86	17.2	SSHERA35	19.93	5.111	0.35	1,100
107.94	16.2	SSHERA35	52.50	2.056	0.33	1,100
116.40	15.0	SSHERA35	29.10	4.000	0.31	1,100
119.93	14.6	SSHERA35	58.33	2.056	0.30	1,100

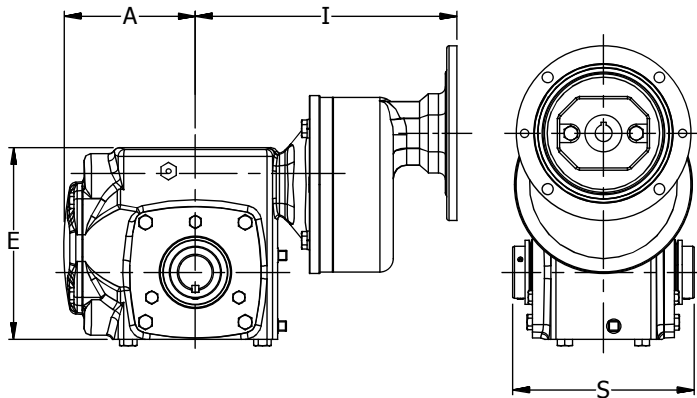
1. Select Total Ratio Desired

2. Select by Input HP or Output Tq required for your application

3. Order C-face model of SSHERA model and ratio listed here

4. Order SSRM1 model and ratio listed here

Note: Units must be ordered separately.



STAINLESS STEEL HELICAL HERA® COMPOUND SPEED REDUCER ASSEMBLIES

SSHERA® UNIT	SS HELICAL RATIO MULTIPLIER	A	E	I	S
SSHERA35	SSRM1Q	4.26	5.93	9.55	6.00
SSHERA45	SSRM1Q	4.90	7.14	9.74	6.75

Note: SSRM1Q available with 56C or 140TC input frame sizes and 56C or 140TC output frame sizes.

NOTE: INPUT FRAME SIZE OF SS HERA® gear drive MUST match OUTPUT frame size of Stainless Steel Helical Ratio Multiplier.

TOTAL RATIO	OUTPUT RPM	SS HERA MODEL	SSHERA RATIO	SSRM INPUT RATIO	INPUT HP	OUTPUT TORQUE
79.73	21.9	SSHERA35	15.60	5.111	0.45	1,100
85.22	20.5	SSHERA35	11.42	7.462	0.42	1,100
89.50	19.6	SSHERA35	43.53	2.056	0.40	1,100
101.86	17.2	SSHERA35	19.93	5.111	0.35	1,100
107.94	16.2	SSHERA35	52.50	2.056	0.33	1,100
116.40	15.0	SSHERA35	29.10	4.000	0.31	1,100
119.93	14.6	SSHERA35	58.33	2.056	0.30	1,100
127.50	13.7	SSHERA35	43.53	2.929	0.28	1,100
148.73	11.8	SSHERA35	29.10	5.111	0.24	1,100
170.85	10.2	SSHERA35	58.33	2.929	0.21	1,100
174.12	10.1	SSHERA35	43.53	4.000	0.21	1,100
210.00	8.3	SSHERA35	52.50	4.000	0.17	1,100
222.48	7.9	SSHERA35	43.53	5.111	0.16	1,100
233.32	7.5	SSHERA35	58.33	4.000	0.15	1,100
268.33	6.5	SSHERA35	52.50	5.111	0.13	1,100
298.12	5.9	SSHERA35	58.33	5.111	0.12	1,100
324.82	5.4	SSHERA35	43.53	7.462	0.11	1,100
391.76	4.5	SSHERA35	52.50	7.462	0.09	1,100
435.26	4.0	SSHERA35	58.33	7.462	0.08	1,100

TOTAL RATIO	OUTPUT RPM	SSHERA MODEL	SSHERA RATIO	SSRM INPUT RATIO	INPUT HP	OUTPUT TORQUE
79.73	21.9	SSHERA45	15.60	5.111	1.06	2,600
99.66	17.6	SSHERA45	19.50	5.111	0.85	2,600
107.94	16.2	SSHERA45	52.50	2.056	0.78	2,600
112.04	15.6	SSHERA45	28.01	4.000	0.75	2,600
116.41	15.0	SSHERA45	15.60	7.462	0.73	2,600
117.10	14.9	SSHERA45	39.98	2.929	0.72	2,600
122.93	14.2	SSHERA45	59.79	2.056	0.69	2,600
143.16	12.2	SSHERA45	28.01	5.111	0.59	2,600
153.77	11.4	SSHERA45	52.50	2.929	0.55	2,600
159.92	10.9	SSHERA45	39.98	4.000	0.53	2,600
175.12	10.0	SSHERA45	59.79	4.000	0.48	2,600
204.34	8.6	SSHERA45	39.98	5.111	0.41	2,600
210.00	8.3	SSHERA45	52.50	4.000	0.40	2,600
239.16	7.3	SSHERA45	59.79	4.000	0.35	2,600
268.33	6.5	SSHERA45	52.50	5.111	0.31	2,600
298.33	5.9	SSHERA45	39.98	7.462	0.28	2,600
305.59	5.7	SSHERA45	59.79	5.111	0.28	2,600
391.76	4.5	SSHERA45	52.50	7.462	0.22	2,600
446.15	3.9	SSHERA45	59.79	7.462	0.19	2,600

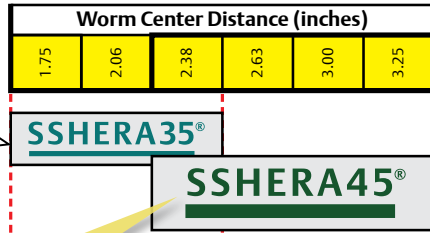
Note: Output TQ measured in in-lb.

All ratios will backdrive due to high efficiency gearing.

WORM REDUCER INTERCHANGE

INTERCHANGE

3 Year Warranty



Example:
SSHERA45 is the same size as a 2.38" worm, with the torque capacity and ability to interchange up to a 3.25" worm.

Output Torque >> 1,100 in-lbs 2,600 in-lbs



COMPETITOR INTERCHANGE GUIDE

Two SSHERA models can replace 6 worm sizes

Solid Output Shaft-NEMA C Flange Reducer (Quill Input)						
CENTER DISTANCE (Inches)	1.75	2.06	2.38	2.62	3.00	3.25
SSHERA-ES w/plug-in shaft kit	SSHERA35ES	SSHERA35ES*	SSHERA35ES*			
			SSHERA45ES	SSHERA45ES*	SSHERA45ES*	SSHERA45ES*
BALDOR**	F918	F921	F924	F926	F930	F932
BOSTON**	F718	F721	F724	F726	F730	F732
Dodge-Tigear-2**	17Q	20Q	23Q	26Q	30Q	—
Falk-Omnibox**	1175WBM	1206WBM	1238WBM	1262WBM	1300WBM	1325WBM
Solid Output Shaft-NEMA C Flange Reducer (Coupled Input)						
CENTER DISTANCE (Inches)	1.75	2.06	2.38	2.62	3.00	3.25
SSHERA-PS w/plug-in shaft kit	SSHERA35PS	SSHERA35PS*	SSHERA35PS*			
			SSHERA45PS	SSHERA45PS*	SSHERA45PS*	SSHERA45PS*
BALDOR**	LF918	LF921	LF924	LF926	LF930	LF932
BOSTON**	RF718	RF721	RF724	RF726	RF730	RF732
Dodge-Tigear-2**	17A	20A	23A	26A	30A	—
Falk-Omnibox**	1175WBF	1206WBF	1238WBF	1262WBF	1300WBF	1325WBF
Solid Output Shaft-Non-Flanged Reducer (Basic Unit)						
CENTER DISTANCE (Inches)	1.75	2.06	2.38	2.62	3.00	3.25
SSHERA-AS w/plug-in shaft kit	SSHERA35AS	SSHERA35AS*	SSHERA35AS*			
			SSHERA45AS	SSHERA45AS*	SSHERA45AS*	SSHERA45AS*
BALDOR**	S918	S921	S924	S926	S930	S932
BOSTON**	718	721	724	726	730	732
Dodge-Tigear-2**	17S	20S	23S	26S	30S	—
Falk-Omnibox**	1175WB	1206WB	1238WB	1262WB	1300WB	1325WB
Hollow Output Shaft-NEMA C Flange Reducer (Quill Input)						
CENTER DISTANCE (Inches)	1.75	2.06	2.38	2.62	3.00	3.25
SSHERA-ES	SSHERA35ES	SSHERA35ES*	SSHERA35ES*			
			SSHERA45ES	SSHERA45ES*	SSHERA45ES*	SSHERA45ES*
BALDOR**	HF918	HF921	HF924	HF926	HF930	HF932
BOSTON**	HF718	HF721	HF724	HF726	HF730	HF732
Dodge-Tigear-2**	17QH	20QH	23QH	26QH	30QH	—
Falk-Omnibox**	1175WBQM	1206WBQM	—	1262WBQM	1300WBQM	1325WBQM
Hollow Output Shaft-NEMA C Flange Reducer (Coupled Input)						
CENTER DISTANCE (Inches)	1.75	2.06	2.38	2.62	3.00	3.25
SSHERA-PS	SSHERA35PS	SSHERA35PS*	SSHERA35PS*			
			SSHERA45PS	SSHERA45PS*	SSHERA45PS*	SSHERA45PS*
BALDOR**	HLF918	HLF921	HLF924	HLF926	HLF930	HLF932
BOSTON**	HRF718	HRF721	HRF724	HRF726	HRF730	HRF732
Dodge-Tigear-2**	17AH	20AH	23AH	26AH	30AH	—
Falk-Omnibox**	1175WBQF	1206WBQF	—	1262WBQF	1300WBQF	1325WBQF
Hollow Output Shaft - Non-Flanged Reducer (Basic Unit)						
CENTER DISTANCE (Inches)	1.75	2.06	2.38	2.62	3.00	3.25
SSHERA-AS	SSHERA35AS	SSHERA35AS*	SSHERA35AS*			
			SSHERA45AS	SSHERA45AS*	SSHERA45AS*	SSHERA45AS*
BALDOR**	HS918	HS921	HS924	HS926	HS930	HS932
Boston**	H718	H721	H724	H726	H730	H732
Dodge-Tigear-2**	17SH	20SH	23SH	26SH	30SH	—
Falk-Omnibox**	1175WBQ	1206WBQ	1238WBQ	1262WBQ	1300WBQ	1325WBQ

*B-Interchange Base Kit required for foot mounting (see accessories **PAGE 12**)
Information for reference only. Consult factory for information on your specific application.

**The following trade names, trademarks and/or registered trademarks are used in this material by Regal Beloit Corporation for comparison purposes only, are NOT owned or controlled by Regal Beloit Corporation and are believed to be owned by the following parties. Baldor: ABB ASEA Brown Boveri Ltd.; Boston: Boston Gear LLC; Dodge and Tigear: Baldor Electric Company; Falk and Omnibox: Rexnord Industries, LLC.

LOCATED TO SERVE YOU!

24-Hour assembly and shipment, and on-the-shelf availability of our most sought after products

HUB CITY HEADQUARTERS

2914 Industrial Avenue
Aberdeen, SD 57402
(605) 225-0360
(800) 482-2489

HUB CITY FLORIDA

4725 Lakeland Commerce Pkwy., Suite 6
Lakeland, FL 33805
(863) 665-9374

HUB CITY WEST

3553 Placentia Ct
Chino, CA 91710
(909) 325-4052
(800) 551-6661

HUB CITY SOUTHWEST

3251 Royalty Row
Irving, TX 75062
(972) 721-0080
(800) 494-1918

HUB CITY MIDWEST

9899 E. Bradford Road
Plainfield, IN 46168
(317) 856-4855
(800) 253-4281

HUB CITY NORTHEAST

6520 Stonegate Drive
Allentown, PA 18106
(610) 391-9298
(800) 452-1117

HUB CITY SOUTHEAST

135 Cecil Court
Fayetteville, GA 30214
(770) 461-8334
(800) 777-7159

HUB CITY EAST

1011 Van Buren Avenue
Indian Trail, NC 28079
(704) 847-9131

HUB CITY CANADA

80 Hale Road Unit #1
Brampton, Ontario L6W 3N9
(905) 455-6969
(888) 661-1889



Hub City Inc.

2914 Industrial Avenue
Aberdeen, SD 57402 USA

Call: 605-225-0360

Fax: 605-225-0567

hubsales@regalbeloit.com

www.RegalBeloit.com

APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and its affiliates with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

For a copy of our Standard Terms and Conditions of Sale, Disclaimers of Warranty, Limitation of Liability and Remedy, please contact Customer Service at 1-800-626-2120. These terms and conditions of sale, disclaimers and limitations of liability apply to any person who may buy, acquire or use a Regal Beloit America Inc. product referred to herein, including any person who buys from a licensed distributor of these branded products.

Regal, HERA, HUBCAP, Hubloc, PowerWash and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2015, 2016, 2107 Regal Beloit Corporation, All Rights Reserved. MCB17036E • Form# 9929E

REGAL[®]