

High Ratio
Speed
Reducers

COTTA

Precision engineered for today's diesel engines..

Compact and rugged, Cotta's engine mounted high-ratio speed reducers are designed to meet the demands of modern diesel engines. Choose a standard model or have one designed for your application...either way COTTA will meet the challenge.

- Pumps
- Compressors
- Rock crushers
- Wood chippers
- Shreaders
- Dredges
- Snow blowers
- Oil field

SAE housings from 00 to 5 for minimum installation space. Remote mounting available.

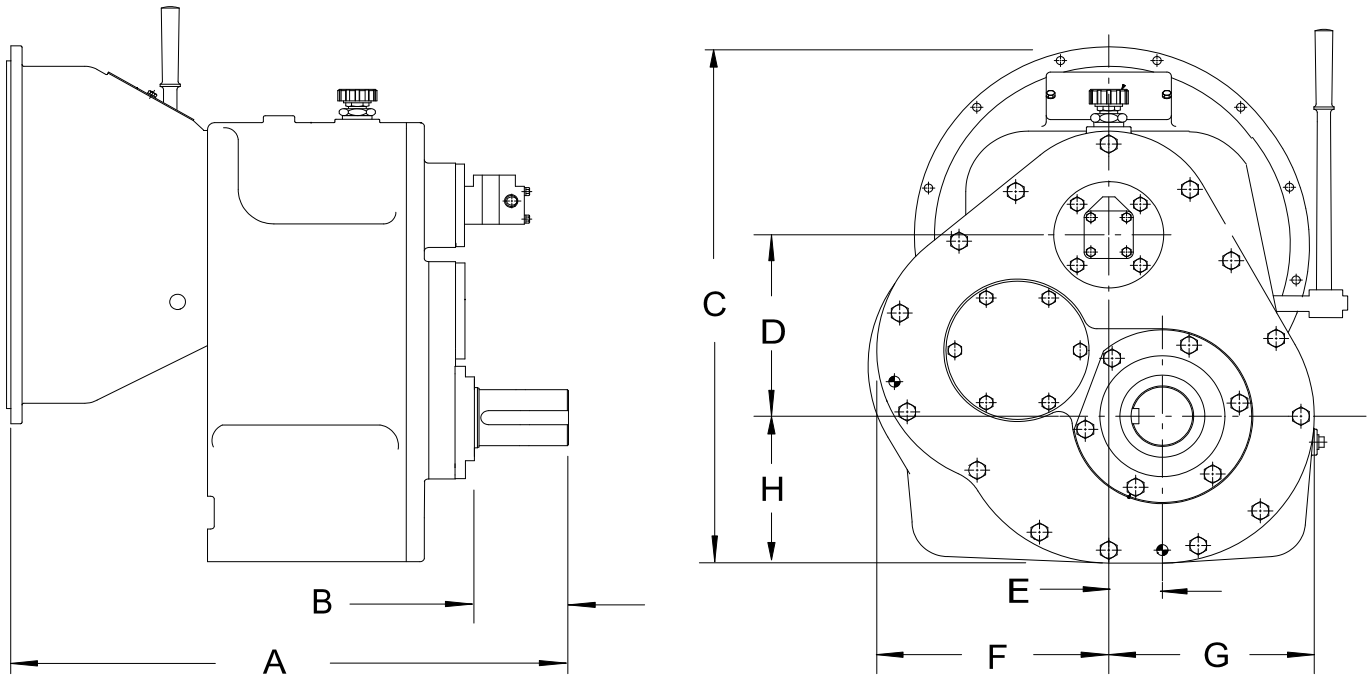
Standard case is cast iron. For custom cases, fabricated stress relieved steel is used.

Lube pump and water/oil heat exchanger provided. Optional heat exchangers are available.

Various flywheel couplings including over center clutches, torsional couplings, drive plates, and custom.

Standard keyed stub shaft. Options include splined, extended length, flanged, or customer designed. Shaft can be 12, 6, or 9 O'clock to the input.

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Model	Nominal torque capacity	Max Ratio	Bell housings	Approx weight	Shaft dia. and keyway size (inch)	A	B	C	D	E offset	F	G	H
SR12E	750	3.92	0 <u>1</u> 2	810	3.5 dia 7/8 sq.	28.2	5.5	26.4	7.5	—	9.4	8.0	8.0
SR12A	750	3.87	0 <u>1</u> 2	750	3.5 dia 7/8 sq.	28.2	5.5	26.4	7.5	—	9.4	8.0	8.0
SR2030E	750	5.2	0 <u>1</u> 2 3	900	3.5 dia 7/8 sq.	23.0	5.5	34.0	8.75	—	11.0	11.0	15.0
SR2030A	750	5.17	0 <u>1</u> 2 3	850	3.5 dia 7/8 sq.	23.0	5.5	34.0	8.75	—	11.0	11.0	• 1 5
SR2031E	1150	7.05	<u>0</u> 1	1400	3.5 dia 7/8 sq.	31.8	4.5	33.4	10.5	-1.37	16.8	9.3	12.0
SR972E	1300	6.25	0 <u>1</u> 2	1200	3.5 dia 7/8 sq.	30.9	4.5	30.0	10.5	3.0	12.3	12.3	8.6
SR972A	1300	6.25	0 <u>1</u> 2	1200	3.5 dia 7/8 sq.	31.1	4.5	30.4	10.5	3.0	13.8	12.0	9.0
GR975E	2400	6.58	00 <u>0</u> 1	2300	5.5 dia 1 sq.	43.8	8.0	42.3	18.61	—	9.3	9.3	9.7

- Underlined bell housings are standard. Chart dimension "A" is based upon this bell housing. Consult individual spec sheet for optional bell housing dimensions.
- Standard output shaft location for speed reducers is 6 O'clock to the input.
- Cotta speed reducers are designed to be driven clockwise facing the input shaft.
- Refer to individual specification sheets for speed limitations.
- All speed reducers require rear supports. Location of support holes vary. See spec sheet for specific dimensions.

Do not design or lay out using these dimensions. Use only certified drawings.