

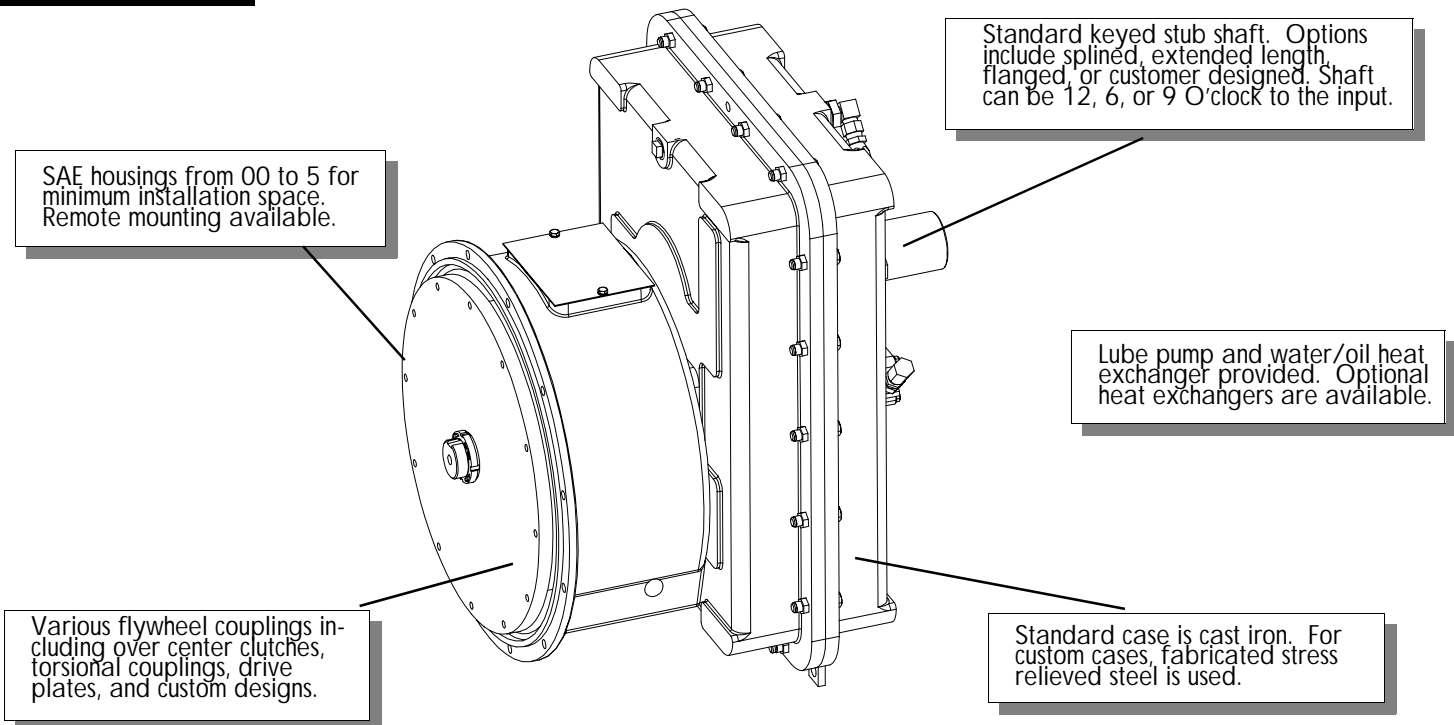
SPEED  
INCREASERS

COTTA

## *Precision engineered for today's diesel engines...*

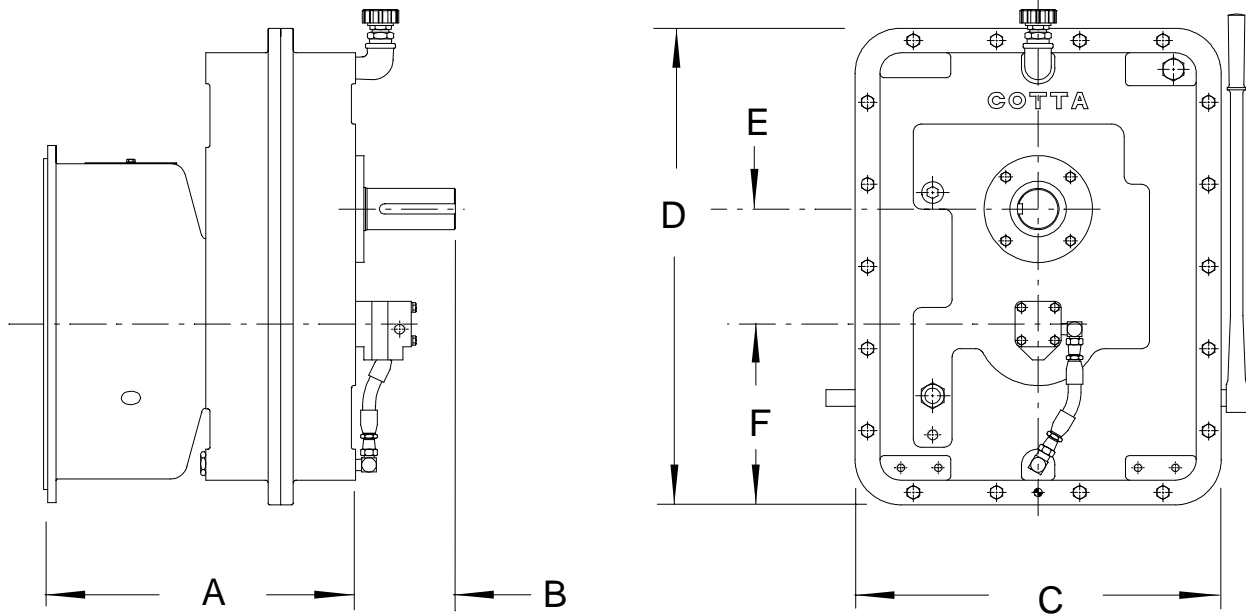
Compact and rugged, Cotta's SI and GO series speed increasers are designed to meet the demands of modern diesel engines. Choose a standard model or have one custom designed for your application...either way COTTA will meet the challenge.

- Pumps
- Compressors
- Generators
- Fans
- Blowers
- Vacuum pumps



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# COTTA SPEED INCREASERS



Model	Torque Capacity (lb-ft)	Ratio Range	Appx. Weight	SAE hsg. size	Output Shaft Dia. (inch)	Key (inch)	A	B	C	D	E	F
AO2053A	650 lb-ft	1 to 4	400	<u>1</u> 2 3 4	2.25	5/8	14.62	5.65	16.12	21.75	5.5	9.13
AO2053E	450 lb-ft	1 to 4	415									
SI2A	1450 lb-ft	1.5 to 3.07	750	0 <u>1</u> 2	2.5	5/8	18.5	6.0	22.0	29.0	7.0	11.0
SI2E	1300 lb-ft	1.5 to 3	800									
SI3A	2000 lb-ft	1.39 to 3.04	1050	0 <u>1</u>	2.75	5/8	22.75	6.3	25.0	33.0	8.0	12.5
SI3E	1900 lb-ft	1.38 to 3	1185									
GO1700A	5500 lb-ft	1.42 to 3	1900	00 <u>0</u>	2.75	5/8	26.75	7.4	28.25	35.19	10.25	15.37
GO1700E	5500 lb-ft	1.27 to 2.95	1925									
GO1900A	7900 lb-ft	1.28 to 5	2100	<u>00</u> 0	3.25	3/4	24.5	7.15	38.0	42.0	13.5	19.0
GO1900E	7900 lb-ft	1.28 to 5.05	2200									

\* Underlined bell housings are standard. Chart dimension "A" is based upon this bell. Consult individual product specification sheets for optional bell housing dimensions.

\* Standard output shaft location for speed increasers is 12 O'clock to the input.

\* Cotta speed increasers are designed to be driven clockwise facing the input shaft.

\* Maximum input and output speed is determined by several factors. Consult the individual specification sheets for speed limitations.

\* All speed increasers 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.**