

Speed Increaser Tabulation

The Speed Increasers tabulated below are designed for use with the commercial offerings of major industrial engine manufacturers. Use the table to make an initial selection. Navigate to the model specification sheet by clicking on the model number. Review and confirm your selection with Cotta, or contact Cotta directly for a model recommendation.

MODEL	MAX INPUT TORQUE (lb-ft)	MAX OUTPUT SPEED (RPM)	MAX INPUT SPEED (RPM)	OUTPUT ROTATION		RATIO RANGE	SAE BELL HOUSING SIZE #	INPUT COUPLING
				SAME AS INPUT	ANTI INPUT			
AO2053A	650	4500	3000		X	1.4 to 2.0	1, 2, 3, 4	To SAE 14 in.
AO2053E	450	4500	3000	X		1.16 to 2.48	1, 2, 3, 4	To SAE 14 in.
SI2A	1450	4500	3000		X	1.2 to 2.67	0, 1, 2	To SAE 18 in.
SI2E	1300	4500	3000	X		1.21 to 3.0	0, 1, 2	To SAE 18 in.
SI3A	2000	5500	3000		X	1.27 to 2.44	00, 0, 1, 2	To SAE 24 in.
SI3E	1900	5500	3000	X		1.2 to 2.52	00, 0, 1, 2	To SAE 24 in.
GO1700A	5500	5500	2500		X	1.5 to 3.0	00, 0, 1	To SAE 24 in.
GO1700E	5400	5500	2500	X		1.21 to 2.95	00, 0, 1	To SAE 24 in.
GO1900A	7900	4800	2500		X	2.09 to 3.0	00, 0	To SAE 24 in.
GO1900E	7900	4800	2500	X		1.76 to 3.54	00, 0	To SAE 24 in.
GO2329	10000	4350	1200		X	2.0 to 3.61	Indepen- dent mount	Customer specified

Independent mount units

The Cotta engine mounted units above can be independently mounted by eliminating the SAE bell housing and incorporating an input shaft suitable for industrial shaft couplings. Independent mount models have an R (remote) in the model number but conform to the same performance data as the engine mounted unit. Both anti-engine and engine rotation units are available. Remote units have features to accommodate customer (or Cotta) supplied mounting fixtures. Request current installation drawings from Cotta for remote mount units.