



SS100 Series Small Engine Air Starters

Compact Versatility



Compact Versatility

Ingersoll Rand is known worldwide for its ruggedly reliable air starters used in the world's most demanding industries. The new SS100 Series small engine air starters are versatile, reliable and efficient—representing more than a half-century of innovative engineering expertise.

VERSATILITY

- One size fits engines up to 10+ liters to lower cost and reduce inventory
- Compact design and flexible mounting for easy fit-up
- Standard and metric pinions fit most manufacturers' engines
- Overhung pinion and 360° flange design for easy installation
- Dependable accessories including valves, mufflers and deflectors

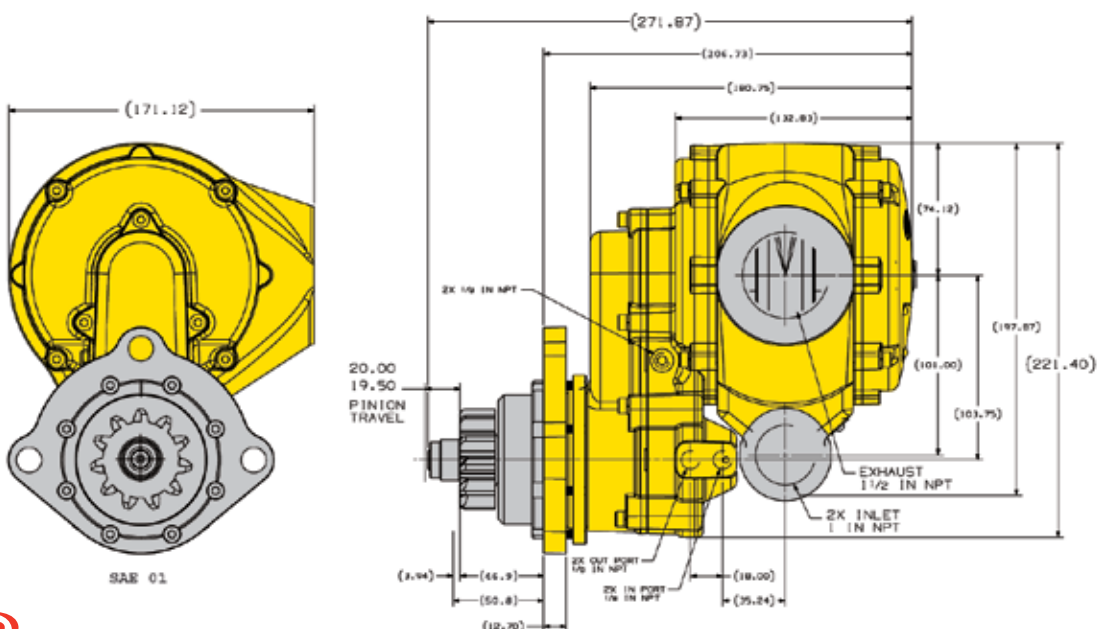
DURABILITY

- Alloy steel motor components ensure reliability in harsh conditions
- Offset gear design for rugged power transfer and easy field service

POWER

- Powerful, revolutionary lube-free vane motor can be used with air or natural gas
- Class-leading starting torque for engines up to 10+ liters

SS100 Series Small Engine Air Starter Dimensions (mm)



SS100 Series Small Engine Air Starters

Lube-Free Motor & Patent-Pending Starter Design

built tough with proprietary materials to deliver a revolutionary lube-free vane motor

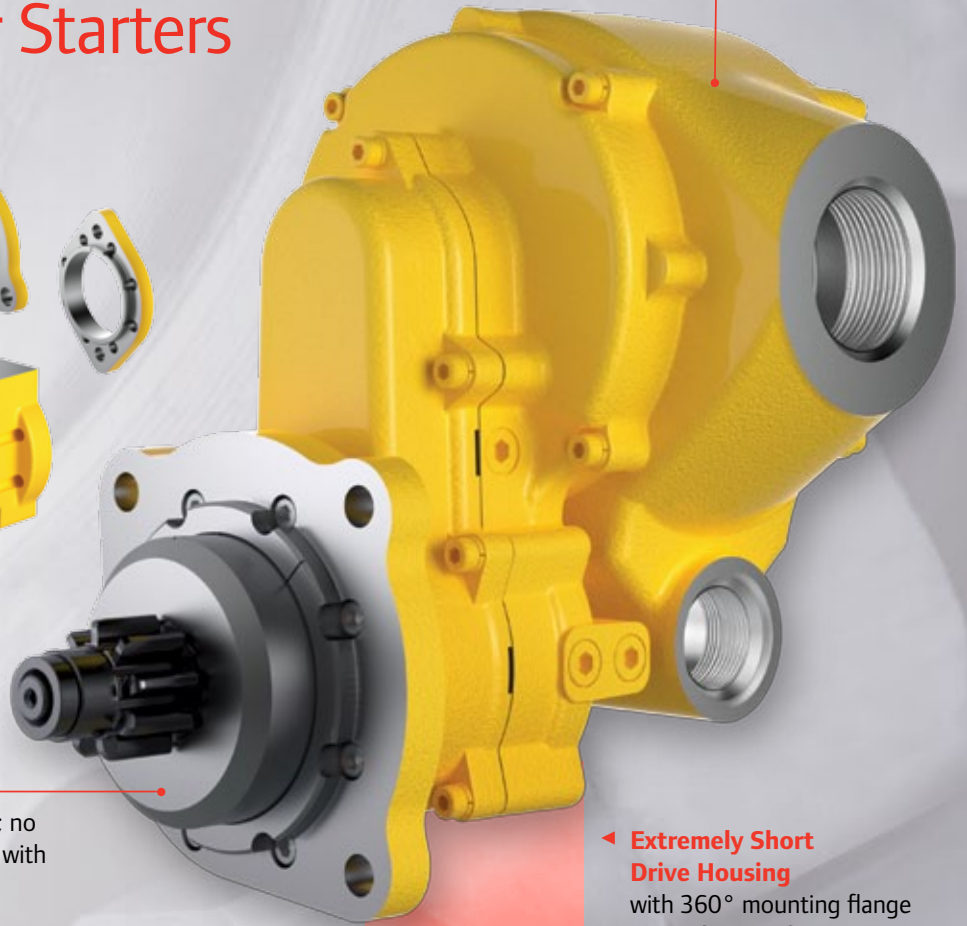
One Frame, Multiple Flanges ▶

SAE 01, 03, 04 and custom designs all interchange on the same housing



Overhung Design

makes pinion changes a snap; no outboard bearing to interfere with compact flywheel housings



◀ Extremely Short Drive Housing

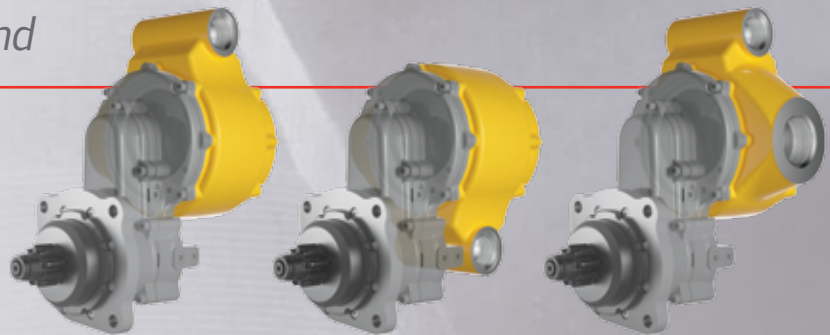
with 360° mounting flange allows for easy fit-up even on the smallest engines

4.25" - 4.75"

It All Starts With Ingersoll Rand

Multiple Mounting Orientations ▶

with dual inlets allows for easy installation in virtually any location



Specifications by Operating Pressure

	30 (2.1)	60 (4.1)	90 (6.2)	120 (8.3)	150 (10.3)
Pressure psi (bar)	30 (2.1)	60 (4.1)	90 (6.2)	120 (8.3)	150 (10.3)
Breakaway torque lb-ft (Nm)	16 (22)	39 (53)	55 (75)	75 (102)	75 (102)
Speed @ max hp rpm	1,290	1,625	1,800	1,900	1,900
Max power hp (kW)	2.3 (1.7)	6.4 (4.8)	9.6 (7.2)	13.8 (10.3)	13.8 (10.3)
Flow @ max hp scfm (L/s)	110 (52)	215 (101)	315 (149)	415 (196)	415 (196)