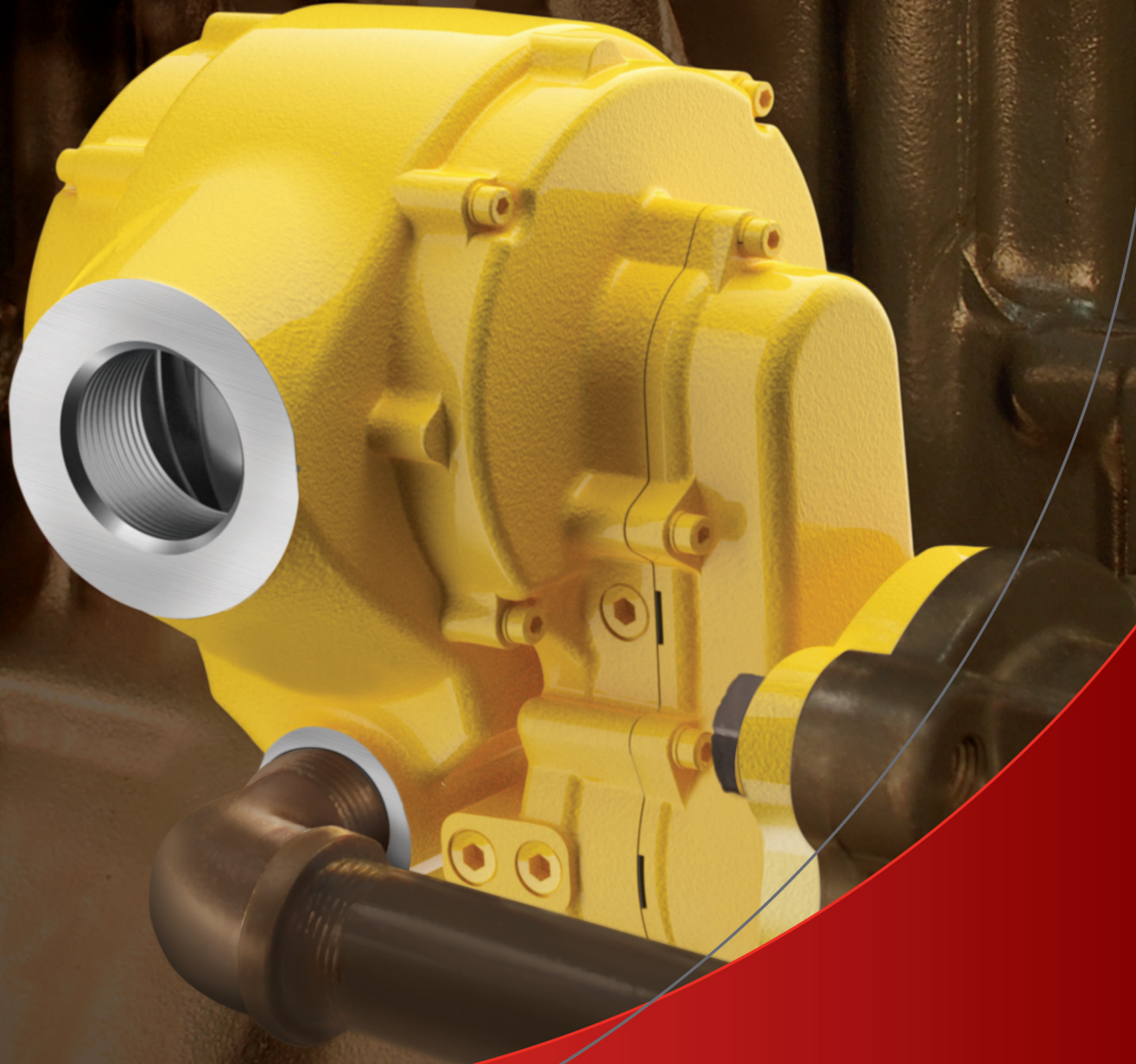# SS100 Series Small Engine Air Starters

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.

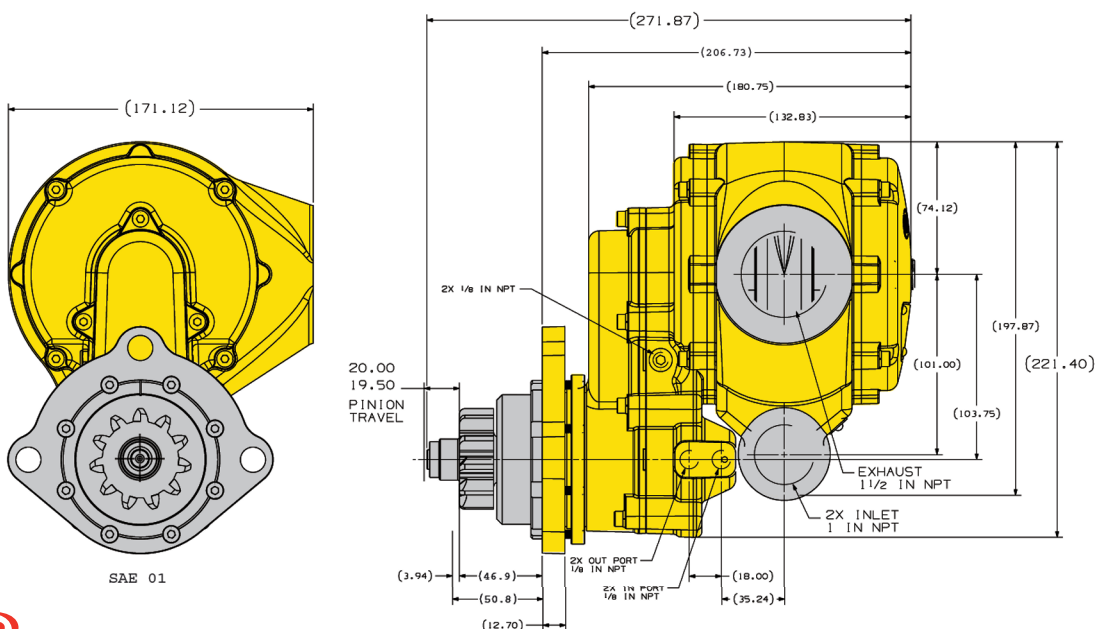| VERSATILITY	• One size fits engines up to 10 liters to lower cost and reduce inventory
	• Compact design and flexible mounting for easy fit-up
	• Standard and metric pinions fit most manufacturers' engines
	• Overhung pinion and 360° flange design for easy installation
	• Dependable accessories including 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 lube-free 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)

Ingersoll Rand

SS100 Series
Small Engine Air Starters

Rugged Lube-Free Motor
starts engines up to 10 liters

One Frame, Multiple Flanges ▶
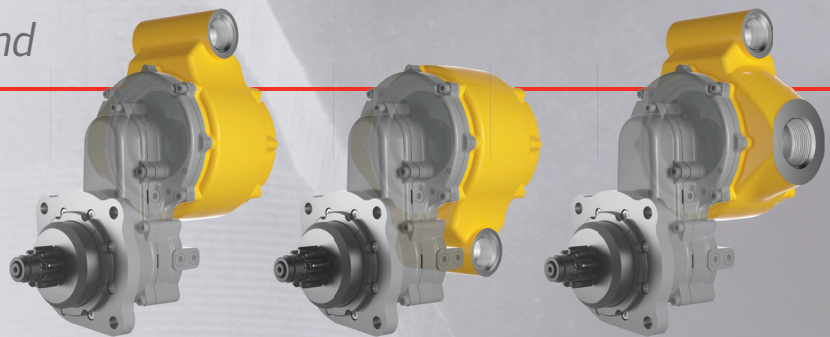SAE 01, 03, 04 and custom designs all interchange on the same housing

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

4.25" - 4.75"

◀ **Extremely Short Drive Housing**
with 360° mounting flange allows for easy fit-up even on the smallest engines

It All Starts With Ingersoll Rand

Multiple Mounting Orientations ▶
with dual inlets allows for easy installation in virtually any location

Specifications by Operating Pressure					
Pressure psi (bar)	30 (2.1)	60 (4.1)	90 (6.2)	120 (8.3)	150 (10.3)
Breakaway torque lb-ft (Nm)	18 (24)	43 (58)	60 (81)	82 (111)	82 (111)
Speed @ max hp rpm	1,290	1,625	1,800	1,900	1,900
Max power hp (kW)	2.5 (1.9)	7 (5.2)	10.5 (7.8)	15 (11.2)	15 (11.2)
Flow @ max hp scfm (L/s)	110 (52)	215 (101)	315 (149)	415 (196)	415 (196)

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