

STARTER SPECIFICATION DATA SHEET

New & Retrofit

GALI 1/1

• Customer

• Project

A) ENGINE DATA

1. General data

Maker
 Model
 Bore (mm)
 Stroke (mm)
 Number of cylinders
 Number of ring gear teeth
 Sense of rotation (CW/CCW)
 (engine - viewed from flywheel end)
 Sense of rotation (CW/CCW)
 (starter - viewed from pinion end)
 Firing speed (rpm)
 Breakaway torque (N·m)
 Fuel system (diesel, NG, DF)

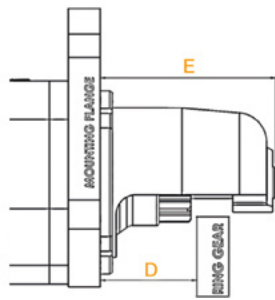
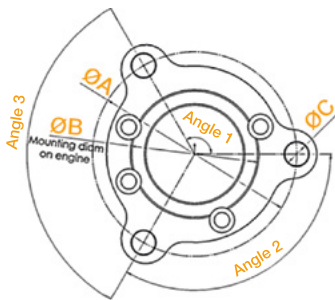
2. Starter installation method

COUPLING FLANGE SAE J542 ⁽¹⁾

Specify type (1, 2, 3, 4 or 5):

1. If there is any coupling dimension not according to SAE J542, specify below or provide drawing:

- diameter 'A' mm
- diameter 'B' mm
- diameter 'C' mm
- angle '1' °
- angle '2' °
- angle '3' °
- front distance 'D' mm
- max. nose dim. 'E' mm



BRACKET ⁽²⁾

CRADLE ⁽²⁾

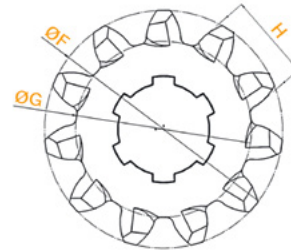
2. If the installation method is not according to SAE J542, please provide bracket or cradle drawing

3. Existing starter data

Brand and model
 Complete reference N°
 (see nameplate)
 Type (pneumatic/electric/hydraulic)

4. Existing pinion data

Number of teeth
 Normal modul or DP
 Tip diameter (ØF) (mm)
 Inner diameter (ØG) (mm)
 Base tangent length 2 teeth (H) (mm)

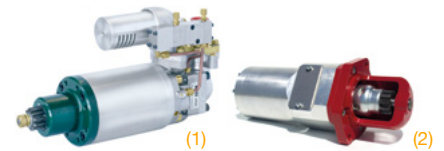


B) APPLICATION DATA

1. Type of starter

PNEUMATIC ⁽¹⁾

HYDRAULIC ⁽²⁾



2. Intended application

- | | |
|---|---|
| <input type="checkbox"/> MARINE | <input type="checkbox"/> OFF-SHORE |
| <input type="checkbox"/> PROPULSION | <input type="checkbox"/> MINING |
| <input type="checkbox"/> GENSET | <input type="checkbox"/> FIRE PUMP |
| <input type="checkbox"/> POWER PLANT GENSET | <input type="checkbox"/> OTHERS (specify) |

3. Starting requirements

MINIMUM STARTING ATTEMPTS
 AVAILABLE TANK CAPACITY (m³)
 AVAILABLE MAX. TANK PRESSURE (MPa)

4. Special starting requirements

- SLOW TURN OR CRANKING PERIODE
 Number of engine turns
 Duration (sec)
- NFPA 20 SECTION 11.2.5 (FIRE PUMPS)
- OTHERS (specify)

5. Certification requirements

Please specify

C) OTHER REQUIREMENTS

- ENGINE 3D MODEL (starter side surrounding + ring gear)
 ENGINE SPECIFICATION SHEET
 RING GEAR DRAWING (with teeth data and tooth chamfer details)
 PHOTO OF EXISTING STARTER AND PINION