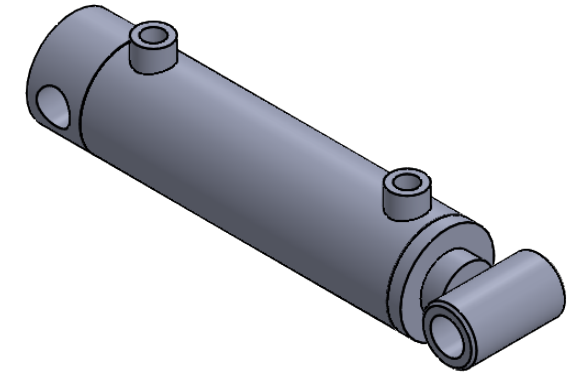
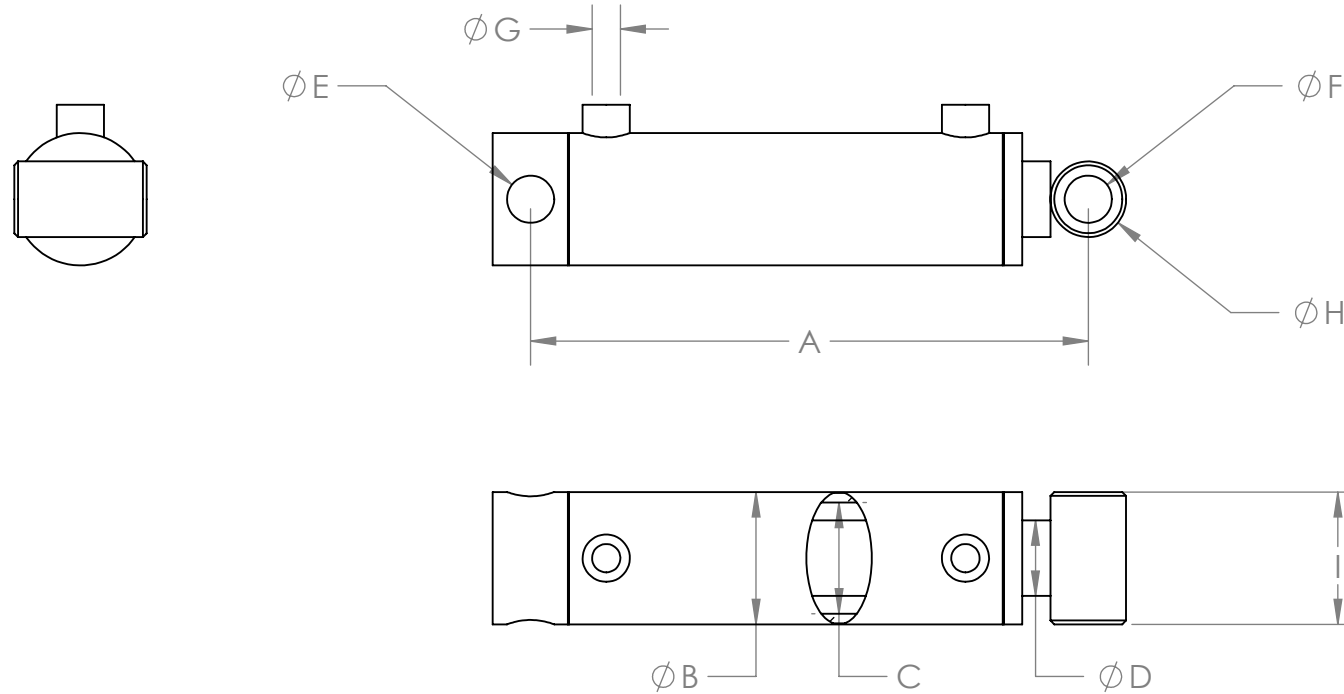




| Item   | A     | Stroke | B    | C    | D    | E    | F    | G         | H    | I    |
|--------|-------|--------|------|------|------|------|------|-----------|------|------|
| G3891  | 200mm | 50mm   | 60mm | 50mm | 25mm | 20mm | 20mm | 3/8in BSP | 40mm | 60mm |
| G3893  | 250mm | 100mm  | 60mm | 50mm | 25mm | 20mm | 20mm | 3/8in BSP | 40mm | 60mm |
| G3897  | 300mm | 145mm  | 60mm | 50mm | 30mm | 20mm | 20mm | 3/8in BSP | 40mm | 60mm |
| G3901  | 380mm | 225mm  | 60mm | 50mm | 30mm | 20mm | 20mm | 3/8in BSP | 40mm | 60mm |
| G17462 | 510mm | 350mm  | 60mm | 50mm | 30mm | 20mm | 20mm | 3/8in BSP | 40mm | 60mm |
| G16518 | 610mm | 450mm  | 60mm | 50mm | 30mm | 20mm | 20mm | 3/8in BSP | 40mm | 60mm |

DO NOT SCALE DRAWING

First Angle  
Projection



FINISH: TBC

DEBUR AND  
BREAK SHARP  
EDGES

GROUP/CATEGORY:

Hydraulics

|       | NAME     | SIGNATURE | DATE       |
|-------|----------|-----------|------------|
| DRAWN | J. WALSH | J.W       | 15/11/2016 |

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETERS  
SURFACE FINISH:  
TOLERANCES:  
LINEAR: +/- 0.2  
ANGULAR: +/- 0.5 deg

TITLE:

Light Duty Double Acting  
Hydraulic Cylinders

**GENFITT**

MATERIAL:

N/A

DWG NO.

Light Duty DA Cyl

A4

WEIGHT: N/A

SCALE: 1:2

The following tables show the minimum requirement specification of the main material for our cylinders:

***Cylinder Tube***

Material ST52-3 DIN2393

Certificate EN 10204 3.1B

Range Bore Min 25mm - max 160mm

Tolerance EN20286 H9

Roughness Ra 0,4 µm - 0,8 µm

***Piston Rod***

Material C45E

Certificate EN 10204 3.1B

Range Min 12mm - max 100mm

Chrome thickness 25µm - 40µm

Chrome hardness 900HV

Roughness Ra < 0,2 µm

Porosity BSS 4641 B

Tolerance EN 20286 f7

Straightness 0,2mm / 1000mm

Corrosion test ASTM B 117, Rating 9 ISO4540 (100h)

***Rod Seals***

Material Polyurethane

Speed 0,5m/s

Pressure 400 bar

Temperature -40°C to + 90°C

***Piston Seals***

Material NBR

Speed 0,5m/s

Pressure 400 bar

Temperature -30°C to + 90°C

DO NOT SCALE DRAWING

First Angle  
Projection



FINISH: TBC

DEBUR AND  
BREAK SHARP  
EDGES

GROUP/CATEGORY:

Hydraulics

DRAWN

NAME

SIGNATURE

DATE

J. WALSH

J.W

15/11/2016

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETERS  
SURFACE FINISH:  
TOLERANCES:  
LINEAR: +/- 0.2  
ANGULAR: +/- 0.5 deg

TITLE:

Double acting  
hydraulic cylinder

MATERIAL:

N/A

DWG NO.

Light Duty DA Cyl

A4

WEIGHT: N/A

SCALE: 1:2

**GENFITT**