

# Catford Phasing Cylinders



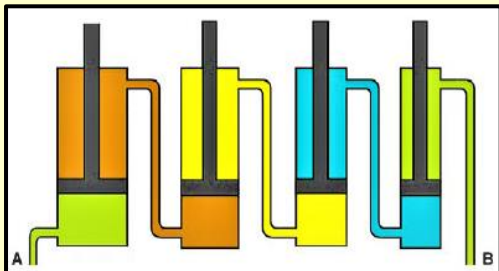
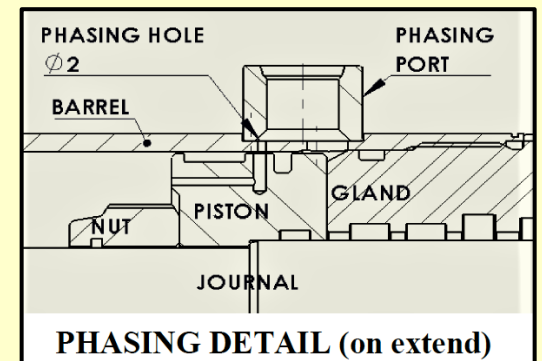
**OUR STANDARD**

**YOUR GUARANTEE**

ISO 9001 Quality

ISO 14001 Environment

OHSAS 18001 Health & Safety



These Phasing Cylinders are made from Metric Materials & are designed to interchange with Australian imperial equivalent sizes

**CATFORD**  
**ENGINEERING**  
PRODUCTS

Jamestown  
SA 5491

Phone: 0418 641 566  
www.catford.com.au sales@catford.com.au

# CATFORD ENGINEERING

HYDRAULIC PRODUCTS

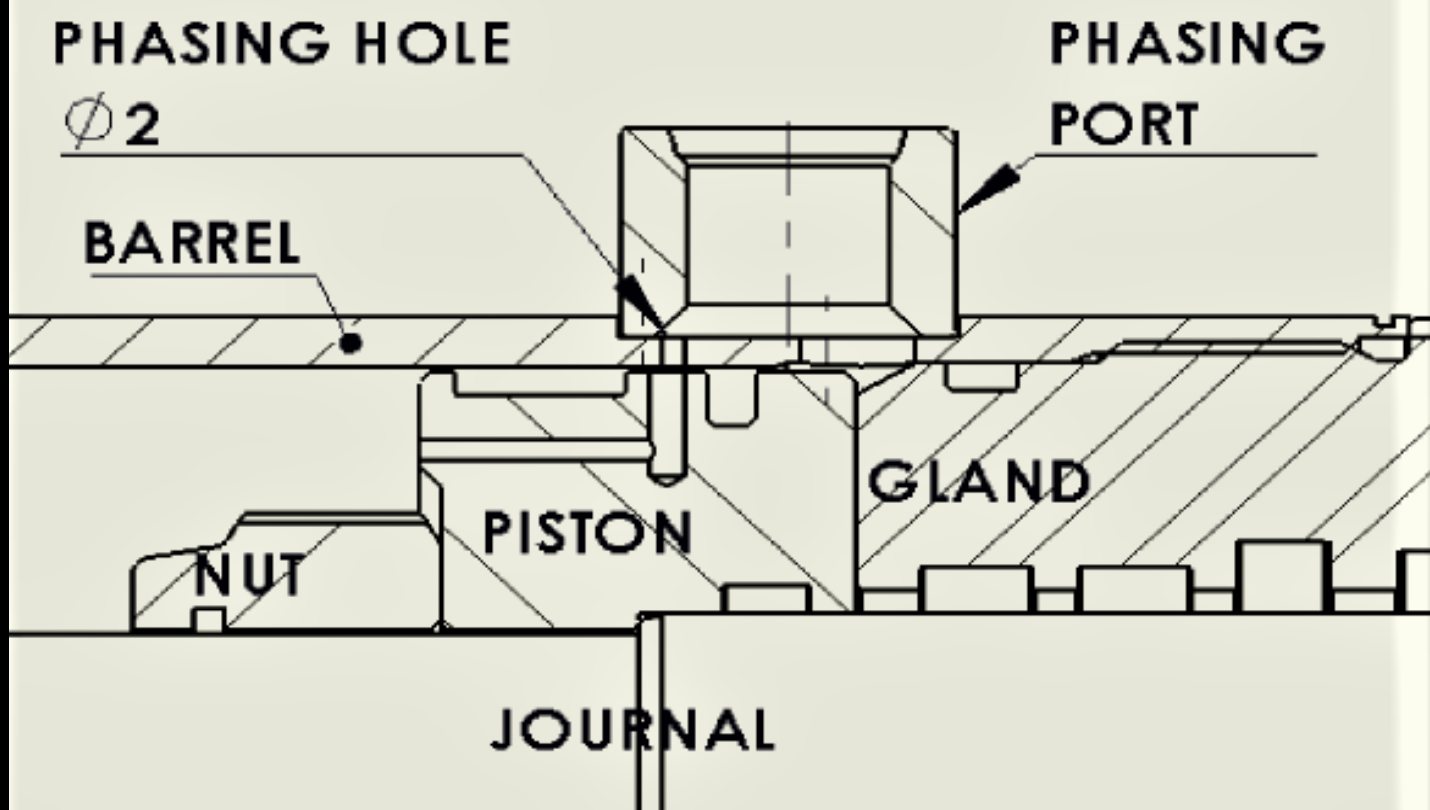


Part Number	Bore	Stroke	Rod Diameter	Closed Length	Open Length	Port Size	Pin Diameter	Weight KG	Price Inc. GST
PHC38	3" 75mm	8" 203mm	1-1/4" 28mm	20-1/4" 514mm	28-1/4" 717mm	3/4" UN "O" RING	1" 25.4mm	13	\$575
PHC3258	3-1/4" 85mm	8" 203mm	1-1/4" 40mm	20-1/4" 514mm	28-1/4" 717mm			17	\$655
PHC358	3-1/2" 90mm	8" 203mm	1-1/4" 30mm	20-1/4" 514mm	28-1/4" 717mm			18	\$710
PHC3758	3-3/4" 95mm	8" 203mm	1-3/8" 32mm	20-1/4" 514mm	28-1/4" 717mm			22	\$810
PHC48	4" 100mm	8" 203mm	1-3/8" 32mm	20-1/4" 514mm	28-1/4" 717mm			22.5	\$825
PHC4258	4-1/4" 105mm	8" 203mm	1-3/8" 32mm	20-1/4" 514mm	28-1/4" 717mm			25	\$875
PHC458	4-1/2" 115mm	8" 203mm	1-1/2" 45mm	20-1/4" 514mm	28-1/4" 717mm			26	\$955
PHC4758	4-3/4" 120mm	8" 203mm	1-1/2" 36mm	20-1/4" 514mm	28-1/4" 717mm			29	\$1000
PHC58	5" 125mm	8" 203mm	1-1/2" 36mm	20-1/4" 514mm	28-1/4" 717mm			30	\$1025

## Catford Phasing Cylinders Mobile : 0418 641566

Part Number	Bore	Stroke	Rod Diameter	Closed Length	Open Length	Port Size	Pin Diameter	Weight KG	Price Inc. GST
PHC312	3" 75mm	12" 305mm	1-1/4" 28mm	24-1/4" 616mm	36-1/4" 921mm	3/4" UN "O" RING	1" 25.4mm	15	\$615
PHC32512	3-1/4" 85mm	12" 305mm	1-1/4" 40mm	24-1/4" 616mm	36-1/4" 921mm			19	\$720
PHC3512	3-1/2" 90mm	12" 305mm	1-1/4" 30mm	24-1/4" 616mm	36-1/4" 921mm			20	\$760
PHC37512	3-3/4" 95mm	12" 305mm	1-3/8" 32mm	24-1/4" 616mm	36-1/4" 921mm			24	\$865
PHC412	4" 100mm	12" 305mm	1-3/8" 32mm	24-1/4" 616mm	36-1/4" 921mm			24.5	\$875
PHC42512	4-1/4" 105mm	12" 305mm	1-3/8" 32mm	24-1/4" 616mm	36-1/4" 921mm			27	\$945
PHC4512	4-1/2" 115mm	12" 305mm	1-1/2" 45mm	24-1/4" 616mm	36-1/4" 921mm			28	\$1040
PHC47512	4-3/4" 120mm	12" 305mm	1-1/2" 36mm	24-1/4" 616mm	36-1/4" 921mm			30	\$1080
PH512	5" 125mm	12" 305mm	1-1/2" 36mm	24-1/4" 616mm	36-1/4" 921mm			31	\$1110

# Catford Phasing Cylinders



**PHASING DETAIL (on extend)**

# Catford Phasing Cylinders

## Cylinder Type:

\*Double acting with clevis ends

## Cylinder Working Pressure:

\*210 Bar – 3045 PSI

## Cylinder Test Pressure:

\*315 Bar – 4568 PSI

## 3 Port Cylinder:

\*Allowing simple easy access around machinery brackets

All our products are certified worldwide with the following ISO standard:

\*ISO 9001-2008 standard

\*ISO 14001 & OSHAS 18001

\*ISO 3834-2 (Fusion Welding Process)

## Clevis End Head with Ports, Rod End Clevis and Piston Material:

\*EN8D/C45 tensile strength – 650 N/mm<sup>2</sup>

\*Rod clevis and barrel clevis are fully machined, not foundry cast steel

These Phasing Cylinders are made from Metric Material & are designed to interchange with Australian imperial equivalent sizes

## Colour:

\*Industrial gloss black



## Gland Material:

\*SG IRON SG500/7 Spheroidal Graphite cast iron

## Rod Material & Hardening:

\*EN19/EQ

\*Toughened

\*Chrome thickness: 20 to 30 Microns hard chromed piston rod for superior corrosion resistance (rods chromed in house)

## Machining Tolerances:

\*All threads machined to 2A/B specification

\*All pin holes machined to D9 tolerance

\*All machine surface finishes to 3.2um Ra.

## Tube Material:

\*CDS ST52/E355 steel tube

\*Seamless steel tube accurately honed to ensure smooth operation and extended seal life

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