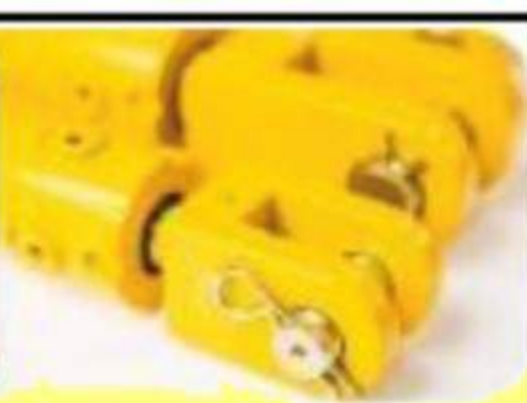


# CATFORD HYDRAULICS PTY LTD



**"A 100% Australian Owned & Operated Company"**



3 Port Bush Cylinders

Email: sales@catford.com.au  
Phone: 0418 641566

The grub screw opposite the grease nipple is to lock the Bush into place.



Machined Bushes to suit different size pins are NOT INCLUDED

To use different size pins. Bore out or machine Bushes to suit your pins.

## Catford Yellow Line Industrial Grade Hydraulic Bush Cylinders

Cylinder Type: 3 Port Cylinder      Cylinder Working Pressure: 210 Bar - 3045 PSI      Cylinder Test Pressure: 315 Bar - 4568 PSI  
 \* Double acting with bush ends      \* Allowing simple easy access around machinery brackets

Bush End Head with Ports, Rod End Bush and Piston Material:  
 \* EN8D/C45 tensile strength - 650 N/mm<sup>2</sup>  
 \* Rod bush and barrel bush are fully machined, not foundry cast steel

Tube Material:  
 \* CDS ST52/E355 steel tube  
 \* Seamless steel tube accurately honed to ensure smooth operation and extended seal life



Machined Bushes to suit different size pins are NOT INCLUDED

Seals Maximum Operating Pressures and Conditions:  
 \* Pressures: 414 Bar - 6000 PSI  
 \* Temperature: -30°C to +110°C  
 \* Speed: 0.5 metres per second  
 \* Shock and load holding capabilities  
 \* Double acting K-DAS piston seal providing positive displacement under all rated pressure situations

Gland Material:  
 \* SG IRON SG500/7 Spheroidal Graphite cast iron

Machining Tolerances:  
 \* All threads machined to 2A/B specification  
 \* All pin holes machined to D9 tolerance  
 \* All machine surface finishes to 3.2um Ra.



Rod Material & Hardening:  
 \* EN8D/C45 round bar  
 \* Toughened and induction hardened  
 \* Chrome thickness: 20 to 30 Microns hard chromed piston rod for superior corrosion resistance (rods chromed in house)

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)

Colour  
 \* Choice of industrial gloss yellow or industrial gloss black



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### Catford Yellow Line Industrial Bushed End Cylinders

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width		Weight KG	Price Inc. GST
									Body end	Rod end		
BRY28	2" 50mm	8" 203mm	1-1/4" 32mm	16" - 406mm	24" - 609mm	9/16" UN "O" Ring	1" 25.4mm	2" 50mm	2-1/2" 64mm	2" 50mm	9	\$310
BRY210		10" 254mm		18" - 457mm	28" - 711mm						10	\$325
BRY212		12" 305mm		20" - 508mm	32" - 813mm						11	\$340
BRY214		14" 356mm		22" - 559mm	36" - 915mm						12	\$350
BRY216		16" 406mm		24" - 610mm	40" - 1016mm						13	\$370

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width		Weight KG	Price Inc. GST
									Body end	Rod end		
BRY258	2 1/2" 63mm	8" 203mm	1-1/2" 40mm	16" - 406mm	24" - 609mm	3/4" UN "O" Ring	1-1/4" 31.75mm	2-3/8" 60mm	3" 77mm	2-1/4" 57mm	11	\$360
BRY2510		10" 254mm		18" - 457mm	28" - 711mm						12	\$376
BRY2512		12" 305mm		20" - 508mm	32" - 813mm						13	\$390
BRY2514		14" 356mm		22" - 559mm	36" - 915mm						14	\$425
BRY2516		16" 406mm		24" - 610mm	40" - 1016mm						15	\$446
BRY2518		18" 457mm		26" - 660mm	44" - 1117mm						16	\$475
BRY2520		20" 508mm		28" - 711mm	48" - 1219mm						17	\$495
BRY2524		24" 610mm		32" - 813mm	56" - 1423mm						18	\$550

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width		Weight KG	Price Inc. GST
									Body end	Rod end		
BRY38	3" 75mm	8" 203mm	1-3/4" 45mm	16" - 406mm	24" - 609mm	3/4" UN "O" Ring	1-1/4" 31.75mm	2-3/8" 60mm	3-1/2" 89mm	2-1/4" 57mm	15	\$460
BRY310		10" 254mm		18" - 457mm	28" - 711mm						16	\$485
BRY312		12" 305mm		20" - 508mm	32" - 813mm						17	\$510
BRY314		14" 356mm		22" - 559mm	36" - 915mm						18	\$545
BRY316		16" 406mm		24" - 610mm	40" - 1016mm						19	\$570
BRY318		18" 457mm		26" - 660mm	44" - 1117mm						20	\$600
BRY320		20" 508mm		28" - 711mm	48" - 1219mm						21	\$630
BRY324		24" 610mm		32" - 813mm	56" - 1423mm						23	\$710

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Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width		Weight KG	Price Inc. GST
									Body end	Rod end		
BRY412	4" 100mm	12" 305mm	2" 50mm	20" - 508mm	32" - 813mm	3/4" UN "O" Ring	1-1/4" 31.75mm	2-3/8" 60mm	4-5/8" 119mm	2-1/2" 63mm	25	\$726
BRY416		16" 406mm		24" - 610mm	40" - 1016mm						28	\$830
BRY418		18" 457mm		26" - 660mm	44" - 1117mm						30	\$870
BRY424		24" 610mm		32" - 813mm	56" - 1423mm						35	\$995





# Catford Yellow Line Industrial Grade Hydraulic Bush Cylinders

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\* Double acting with bush ends

## 3 Port Cylinder

\* Allowing simple easy access around machinery brackets

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## Cylinder Test Pressure:

\* 315 Bar - 4568 PSI

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