CATFORD HYDRAULICS PTY LTD

"A 100% Australian Owned & Operated Company"

3 Port Bush Cylinders

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 HYDRAULICS PTY LTD

Charles (Sales/Technical)

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CATFORD ENGINEERING PRODUCTS

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OUR STANDARD YOUR GUARANTEE

ISO 9001 Quality
ISO 14001 Environment
OHSAS 18001 Health & Safety

Catford Yellow Line Industrial Bushed End Cylinders

Prices May 2021

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width Body end	Bush width Rod end	Weight KG	Price Inc.GST
BRY26	2" 50mm	6" 152mm	1-1/4" 32mm	14" - 356mm	20" - 508mm	9/16"UN "O" Ring	1" 25.4mm	2" 50mm	2-1/2" 64mm	2" 50mm	8	$340
BRY28		8" 203mm		16" - 406mm	24" - 609mm						9	$350
BRY210		10" 254mm		18" - 457mm	28" - 711mm						10	$365
BRY212		12" 305mm		20" - 508mm	32" - 813mm						11	$385
BRY214		14" 356mm		22" - 559mm	36" - 915mm						12	$395
BRY216		16" 406mm		24" - 610mm	40" - 1016mm						13	$415
BRY218		18" 457mm		26" - 660mm	44" - 1117mm						14	$435
BRY220		20" 508mm		28" - 711mm	48" - 1219mm						15	$455
BRY224		24" 610mm		32" - 813mm	56" - 1423mm						16	$475

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width Body end	Bush width Rod end	Weight KG	Price Inc.GST
BRY256	2-1/2" 63mm	6" 152mm	1-1/2" 40mm	14" - 356mm	20" - 508mm	3/4" UN "O" Ring	1-1/4" 31.75mm	2-3/8" 60mm	3" 77mm	2-1/4" 57mm	10	$395
BRY258		8" 203mm		16" - 406mm	24" - 609mm						11	$405
BRY2510		10" 254mm		18" - 457mm	28" - 711mm						12	$425
BRY2512		12" 305mm		20" - 508mm	32" - 813mm						13	$440
BRY2514		14" 356mm		22" - 559mm	36" - 915mm						14	$480
BRY2516		16" 406mm		24" - 610mm	40" - 1016mm						15	$500
BRY2518		18" 457mm		26" - 660mm	44" - 1117mm						16	$535
BRY2520		20" 508mm		28" - 711mm	48" - 1219mm						17	$555
BRY2524		24" 610mm		32" - 813mm	56" - 1423mm						18	$620

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width Body end	Bush width Rod end	Weight KG	Price Inc.GST
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	$520
BRY310		10" 254mm		18" - 457mm	28" - 711mm						16	$545
BRY312		12" 305mm		20" - 508mm	32" - 813mm						17	$575
BRY314		14" 356mm		22" - 559mm	36" - 915mm						18	$615
BRY316		16" 406mm		24" - 610mm	40" - 1016mm						19	$640
BRY318		18" 457mm		26" - 660mm	44" - 1117mm						20	$675
BRY320		20" 508mm		28" - 711mm	48" - 1219mm						21	$710
BRY324		24" 610mm		32" - 813mm	56" - 1423mm						23	$800

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width Body end	Bush width Rod end	Weight KG	Price Inc.GST
BRY48	4" 100mm	8" 203mm	2" 50mm	16" - 406mm	24" - 609mm	3/4" UN "O" Ring	1-1/4" 31.75mm	2-3/8" 60mm	4-5/8" 119mm	2-1/2" 63mm	25	$800
BRY412		12" 305mm		20" - 508mm	32" - 813mm						29	$815
BRY416		16" 406mm		24" - 610mm	40" - 1016mm						32	$930
BRY418		18" 457mm		26" - 660mm	44" - 1117mm						34	$975
BRY424		24" 610mm		32" - 813mm	56" - 1423mm						39	$1,115

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Catford Yellow Line Industrial Grade Hydraulic Bush Cylinders

Cylinder Type:
* Double acting with bush ends

3 Port Cylinder
* Allowing simple easy access around machinery brackets

Cylinder Working Pressure:
* 210 Bar - 3045 PSI

Cylinder Test Pressure:
* 315 Bar - 4568 PSI

Bush End Head with Ports, Rod End Bush and Piston Material:
* EN8D/C45 tensile strength - 650 N/mm^2
* 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

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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