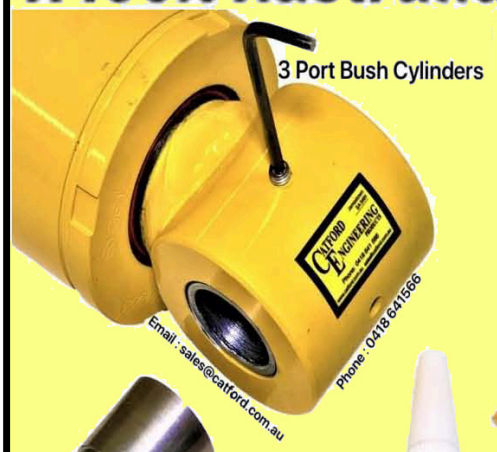
CATFORD HYDRAULICS PTY LTD

"A 100% Australian Owned & Operated Company"



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:
* 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

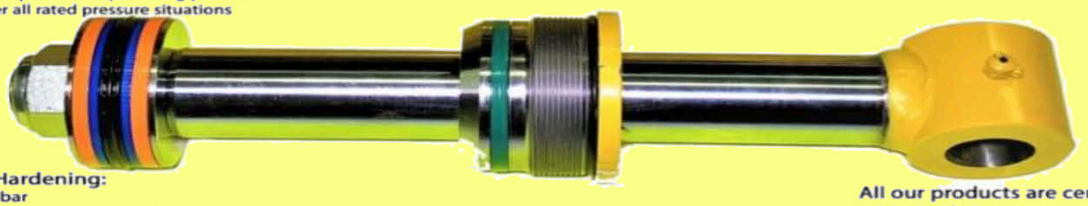
Tube Material:
* CDS ST52/E355 steel tube
* Seamless steel tube accurately honed to ensure smooth operation and extended seal life

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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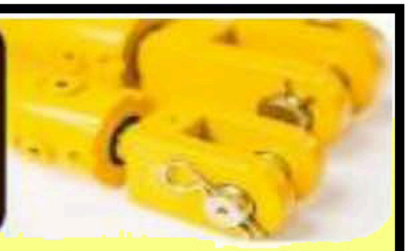

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Catford Yellow Line Industrial Bushed End Cylinders

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width		Weight	Price
									Body end	Rod end	KG	Inc. GST
BRY28		8" 203mm		16" - 406mm	24" - 609mm						9	$280
BRY210	2"	10" 254mm	1-1/4"	18" - 457mm	28" - 711mm	9/16"UN	1"	2"	2-1/2"	2"	10	$295
BRY212	50mm	12" 305mm	32mm	20" - 508mm	32" - 813mm	"O" Ring	25.4mm	50mm	64mm	50mm	11	$310
BRY214		14" 356mm		22" - 559mm	36" - 915mm						12	$325
BRY216		16" 406mm		24" - 610mm	40" - 1016mm						13	$340

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width		Weight	Price
									Body end	Rod end	KG	Inc. GST
BRY258		8" 203mm		16" - 406mm	24" - 609mm						11	$350
BRY2510		10" 254mm		18" - 457mm	28" - 711mm						12	$365
BRY2512		12" 305mm		20" - 508mm	32" - 813mm						13	$390
BRY2514	2 1/2"	14" 356mm	1-1/2"	22" - 559mm	36" - 915mm	3/4" UN	1-1/4"	2-3/8"	3"	2-1/4"	14	$395
BRY2516	63mm	16" 406mm	40mm	24" - 610mm	40" - 1016mm	"O" Ring	31.75mm	60mm	77mm	57mm	15	$410
BRY2518		18" 457mm		26" - 660mm	44" - 1117mm						16	$430
BRY2520		20" 508mm		28" - 711mm	48" - 1219mm						17	$450
BRY2524		24" 610mm		32" - 813mm	56" - 1423mm						18	$480

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width		Weight	Price
									Body end	Rod end	KG	Inc. GST
BRY38		8" 203mm		16" - 406mm	24" - 609mm						15	$425
BRY310		10" 254mm		18" - 457mm	28" - 711mm						16	$445
BRY312		12" 305mm		20" - 508mm	32" - 813mm						17	$460
BRY314	3"	14" 356mm	1-3/4"	22" - 559mm	36" - 915mm	3/4" UN	1-1/4"	2-3/8"	3-1/2"	2-1/4"	18	$480
BRY316	75mm	16" 406mm	45mm	24" - 610mm	40" - 1016mm	"O" Ring	31.75mm	60mm	89mm	57mm	19	$500
BRY318		18" 457mm		26" - 660mm	44" - 1117mm						20	$520
BRY320		20" 508mm		28" - 711mm	48" - 1219mm						21	$535
BRY324		24" 610mm		32" - 813mm	56" - 1423mm						23	$575

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

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Bush diameter	Bush width		Weight	Price
									Body end	Rod end	KG	Inc. GST
BRY412		12" 305mm		20" - 508mm	32" - 813mm						25	$630
BRY416	4"	16" 406mm	2"	24" - 610mm	40" - 1016mm	3/4" UN	1-1/4"	2-3/8"	4-5/8"	2-1/2"	28	$685
BRY418	100mm	18" 457mm	50mm	26" - 660mm	44" - 1117mm	"O" Ring	31.75mm	60mm	119mm	63mm	30	$700
BRY424		24" 610mm		32" - 813mm	56" - 1423mm						35	$775

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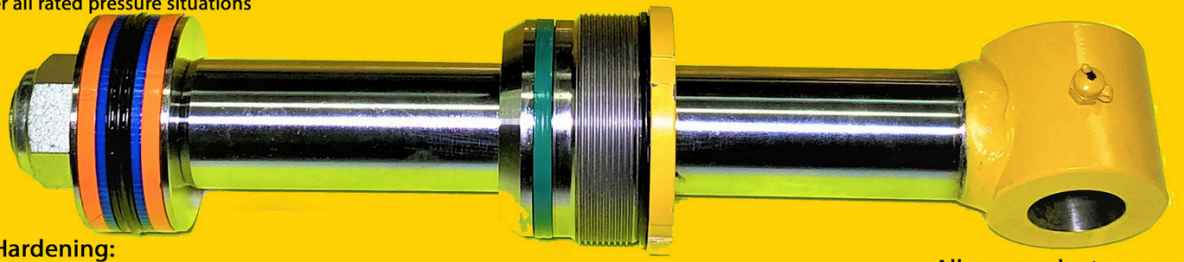

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