

CATFORD HYDRAULICS PTY LTD

Catford Yellow Line Industrial Bushed End Cylinders

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Weight KG	Price Inc. GST
BRY28	2"	8" 203MM	1-1/4"	16" - 406mm	24" - 609mm	9/16" UN	1"	9	\$280
BRY210		10" 254MM		18" - 457mm	28" - 711mm			10	\$295
BRY212		12" 305MM		20" - 508mm	32" - 813mm			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	Weight KG	Price Inc. GST
BRY258	2 1/2"	8" 203MM	1-1/2"	16" - 406mm	24" - 609mm	3/4" UN	1-1/4"	11	\$350
BRY2510		10" 254MM		18" - 457mm	28" - 711mm			12	\$365
BRY2512		12" 305MM		20" - 508mm	32" - 813mm			13	\$390
BRY2514		14" 356MM		22" - 559mm	36" - 915mm			14	\$395
BRY2516		16" 406MM		24" - 610mm	40" - 1016mm			15	\$410
BRY2518	63mm	18" 457MM	40mm	26" - 660mm	44" - 1117mm	"O" Ring	31.75mm	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	Weight KG	Price Inc. GST
BRY38	3"	8" 203MM	1-3/4"	16" - 406mm	24" - 609mm	3/4" UN	1-1/4"	15	\$425
BRY310		10" 254MM		18" - 457mm	28" - 711mm			16	\$445
BRY312		12" 305MM		20" - 508mm	32" - 813mm			17	\$460
BRY314		14" 356MM		22" - 559mm	36" - 915mm			18	\$480
BRY316		16" 406MM		24" - 610mm	40" - 1016mm			19	\$500
BRY318	75mm	18" 457MM	45mm	26" - 660mm	44" - 1117mm	"O" Ring	31.75mm	20	\$520
BRY320		20" 508MM		28" - 711mm	48" - 1219mm			21	\$535
BRY324		24" 610MM		32" - 813mm	56" - 1423mm			23	\$575

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



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



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



2", 2-1/2", 3", & 4" Bore



MOBILE: 0418 641 566

EMAIL: sales@catford.com.au

WEBSITE: www.catfordhydraulics.com.au

You have a choice of Industrial Gloss
Yellow or Industrial Gloss Black



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)

Machining Tolerances

- *All threads machined to 2A/B Specifications
- *All pin holes machined to D9 Tolerances
- *All machine surface finished to 3.2um Ra.

Catford Yellow Line Industrial Bushed End Cylinders

Part No.	Bore	Stroke	Rod diameter	Closed length	Open length	Port size	Bush Hole diameter	Weight KG	Price Inc. GST
BRY28	2" 50mm	8" 203MM	1-1/4" 32mm	16" - 406mm	24" - 609mm	9/16" UN "O" Ring	1" 25.4mm	9	\$280
BRY210		10" 254MM		18" - 457mm	28" - 711mm			10	\$295
BRY212		12" 305MM		20" - 508mm	32" - 813mm			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	Weight KG	Price Inc. GST
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	11	\$350
BRY2510		10" 254MM		18" - 457mm	28" - 711mm			12	\$365
BRY2512		12" 305MM		20" - 508mm	32" - 813mm			13	\$390
BRY2514		14" 356MM		22" - 559mm	36" - 915mm			14	\$395
BRY2516		16" 406MM		24" - 610mm	40" - 1016mm			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	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	15	\$425
BRY310		10" 254MM		18" - 457mm	28" - 711mm			16	\$445
BRY312		12" 305MM		20" - 508mm	32" - 813mm			17	\$460
BRY314		14" 356MM		22" - 559mm	36" - 915mm			18	\$480
BRY316		16" 406MM		24" - 610mm	40" - 1016mm			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
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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/mm²

* 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:

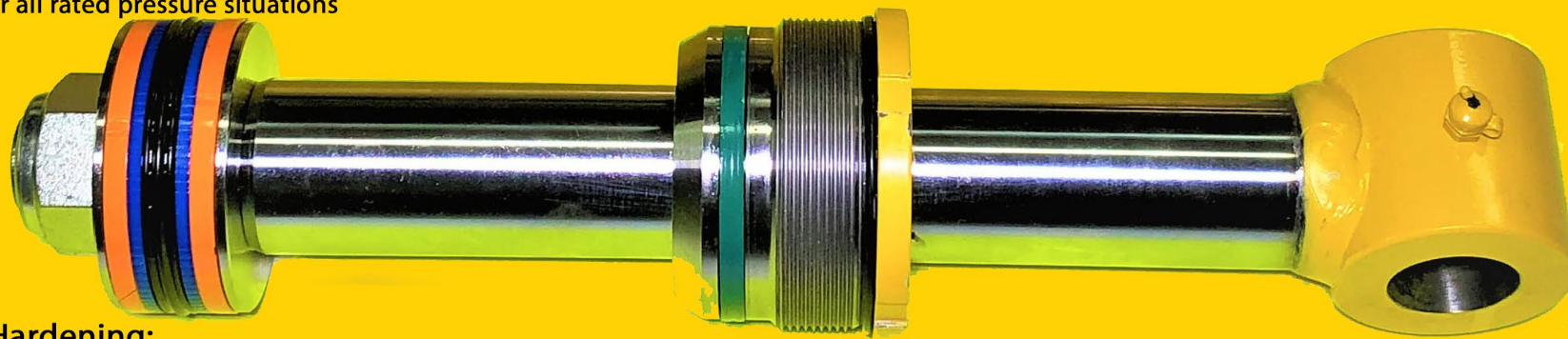
* SG IRON SG500/7 Spheroidal Graphite cast iron

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:

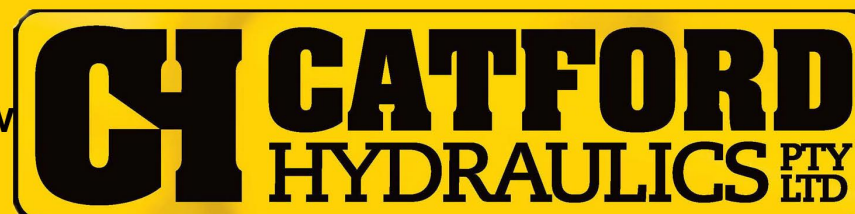
* ISO 9001-2008 standard

* ISO 14001 & OSHAS 18001

* ISO 3834-2 (Fusion Welding Process)

Colour

* Choice of industrial gloss yellow or industrial gloss black



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