



Edbro compliments its wide range of products by offering a variety of parts to solve those little problems that can occur and help maintain even the smallest parts across its cylinder or hydraulic kit range.

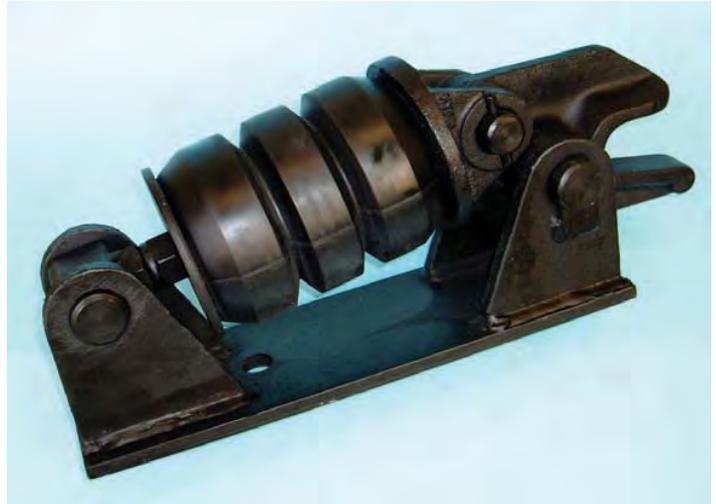
Ranging from Body clamps to help secure empty body's while in transit, down to the flexible oil pipe hoses in various sizes, Edbro think about even the little parts that could make the difference for an operator's hard working fleet.

Edbro can also offer a range of Oil filters, Electric power packs and Bodylock systems to help prolong equipment life cycles and keep customers going year after year.

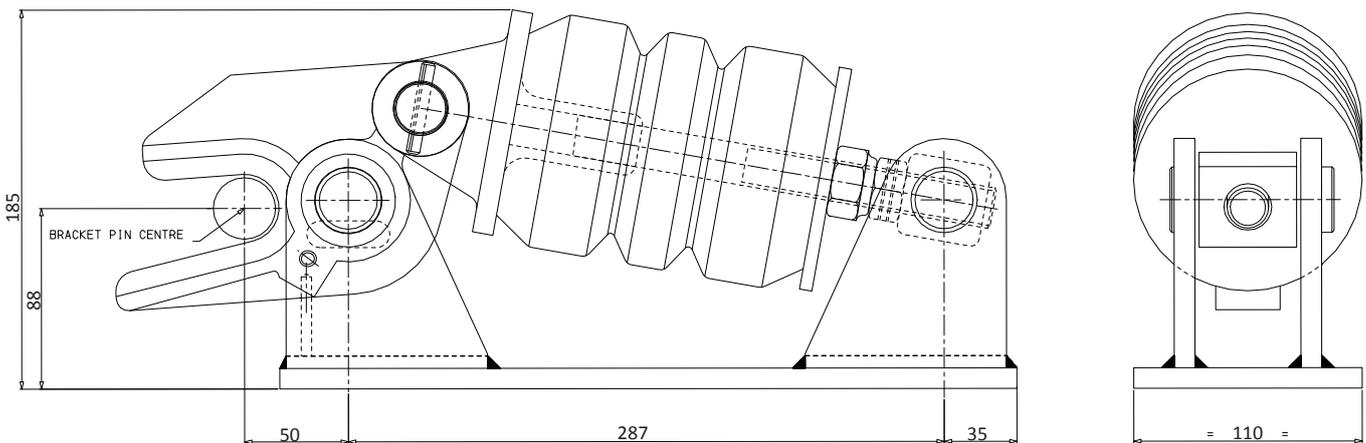
Body Clamp - BCA01

Key features:

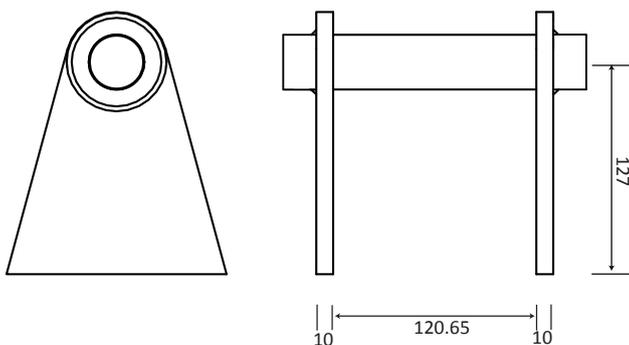
- Designed to stop an empty body from rattling in transit.
- Prevents damage to the chassis and the tipper for longer overall life.
- Reduces noise pollution for the benefit of the operator and the environment.
- Steel and aluminium bracket options are available.



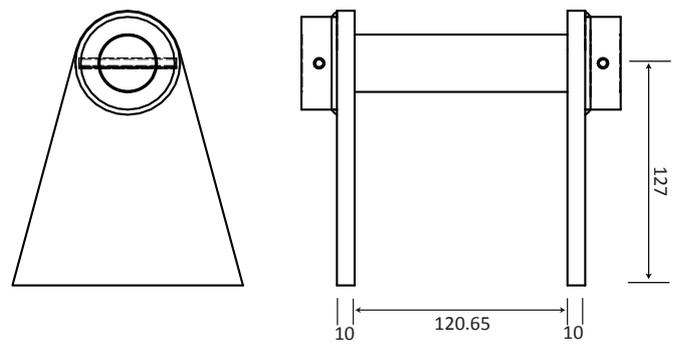
BCA01 BODY CLAMP



BCA02 - Steel Top Bracket



BCA02A - Aluminium Top Bracket

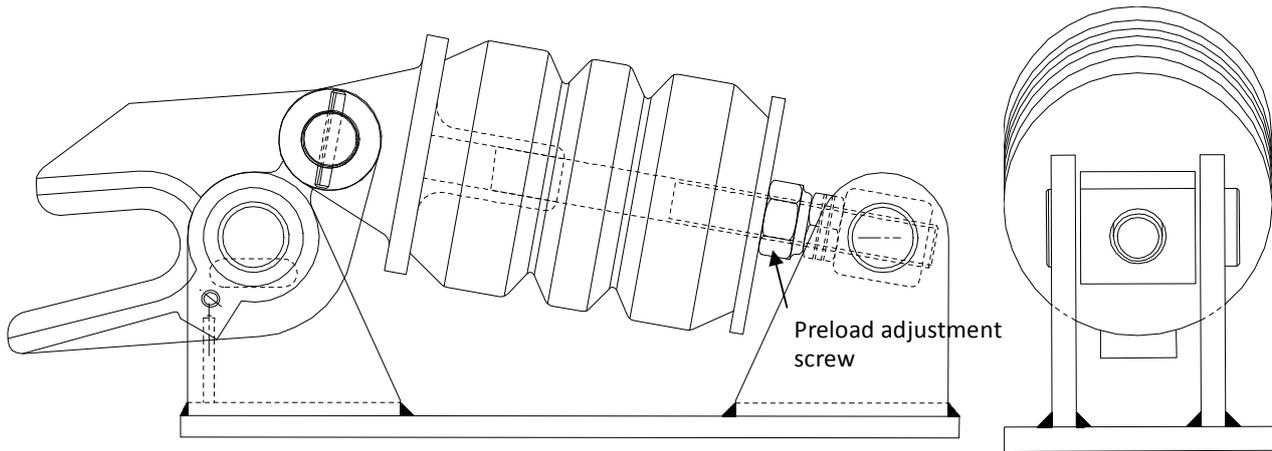


All dimensions are given in mm unless otherwise stated. Technical Specifications are subject to change without notice.

Body Clamp - BCA01

Installation:

- * The body clamp must be positioned as close as possible to the front of the body. When the tipper body is resting on the chassis, the horizontal difference between the body bracket and clamp centre must be 50 mm and the vertical distance 0 mm.
- * It is essential to ensure greasing of the body clamp before installation and regularly during use.
- * Ensure that body clamp and bracket are both fully welded to the body and chassis before compression adjustment.



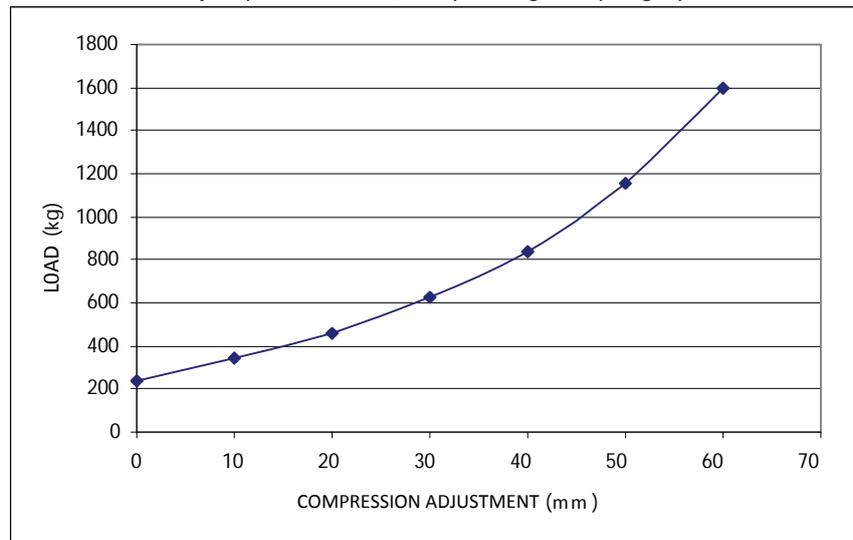
Adjust compression load to suit tipper body as follows:

Recommended compression load C: $= M \times \frac{K}{L}$

- M = 1400 kg (tipper body with own weight)
- K = 2100 mm (distance between the centre of gravity and the rear hinge)
- L = 3400 mm (distance between the locking bar and the rear hinge)

Example Calculation = $1400 \times \frac{2100}{3400} = 865 \text{ kg}$

According to the diagram below, compression adjustment is 40mm. Therefore adjust preload screw, compressing the spring by 40 mm.



This graph shows the relation between the power block adjustment and resulting force (kgs)

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Electric Power Pack - HPU24V/12V



- Electric power packs for vehicles without an air supply
- 24V & 12V variants available
- Integral oil tank
- Complete with wiring kit & simple installation instructions
- 10L and 15L Tank capacity available

- Installation dimensions:

Height 10L = 570

Width 10L = 220

Depth 10L = 225

Height 15L = 720

Width 15L = 220

Depth 15L = 225

- Maximum pressure = 120bar

Edbro part numbers:

- HPU24V/10L/3.1CC - 10 Litre
- HPU24V/15L/3.1CC - 15 Litre
- HPU12V/10L/3.1CC - 10 Litre
- HPU12V/15L/3.1CC - 15 Litre



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High Pressure Hoses - OP83/OP87/OP88

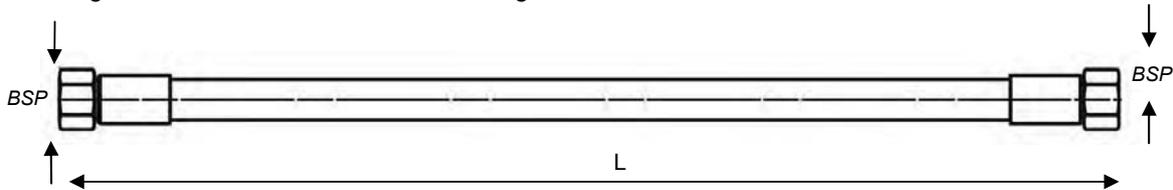
- Twin high tensile steel braided
- Highly flexible with compact dimensions
- Meets EN853/DIN 20022-2SN and SAE100R2AT
- All fittings to BSP standard, 60° cone, unless otherwise stated



STRAIGHT FITTINGS BOTH ENDS: OP87/*/**

/* denotes bore in 1/8", i.e. OP87/6 is 3/4" bore

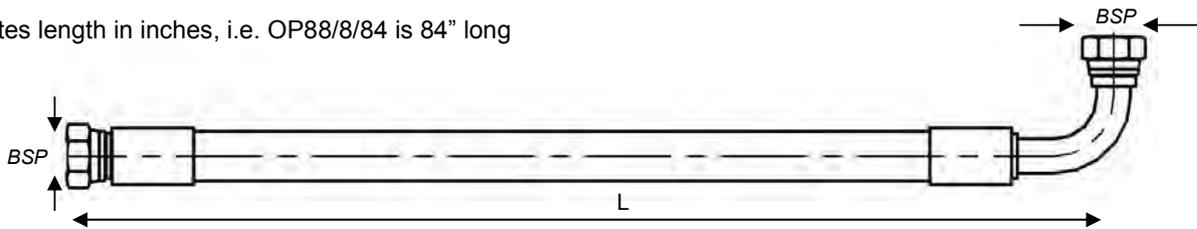
/** denotes length in inches, i.e. OP87/6/84 is 84" long



90° ELBOW ONE END: OP88/*/**

/* denotes bore in 1/8", i.e. OP88/8 is 1" bore

/** denotes length in inches, i.e. OP88/8/84 is 84" long



NOM SIZE		TYPE	PART NO.	L LENGTH OPTION (inches)							
BSP	MWP			39	48	54	60	66	72	84	
1/2"	275	STRAIGHT	OP83/	39	48	54	60	66	72	84	
		ELBOW	OP88/4	42	48						
3/4"	215	STRAIGHT	OP87/6	36	48	60	72	84	96	120	156
		ELBOW	OP88/6	30	48	60	72	84			
1"	165	STRAIGHT	OP87/8	36	48	60	84	96	108	120	
		ELBOW	OP88/8	54	84						

Other sizes and specifications are available, please enquire further if necessary.

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High Pressure Hoses - OP90

- * Twin high tensile steel braided
- * Highly flexible with compact dimensions
- * Meets EN853/DIN 20022-2SN & SAE100R2AT
- * All fittings to BSP standard, 60° cone, unless otherwise stated



BOTH ENDS 90° SWEPT ELBOW - SAME DIRECTION

/* denotes bore in 1/8", i.e. OP90/8 is 1" bore

/** denotes length in inches, i.e. OP90/8/84 is 84" long



Nominal size		Type	Part No	Length options (inches)				
BSP	MWP			42	48	60	72	84
1/2"	275	Elbow	OP90/4	42	48			
3/4"	215	Elbow	OP90/6	30	48	60	72	84
1"	165	Elbow	OP90/8	54	84			

Other sizes & specifications are available, please enquiry further if necessary.

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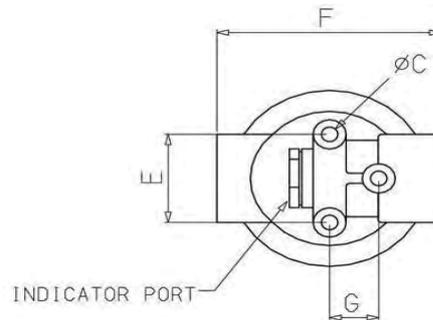
Oil Filter: for hydraulic walking floor applications - PM478

- * 10 micron nominal filtration
- * Spin on canister
- * High internal pressure capacity (30 bar)
- * With bypass and visual filter indicator



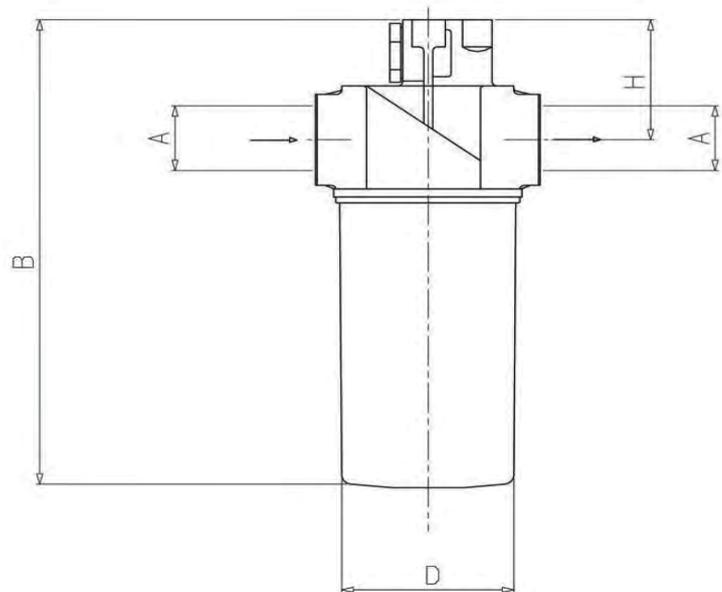
Specification:

Filter condition indicator	Visual 2 bar
Bypass valve	With bypass 2.5 bar
Filter element	Resin-impregnated paper 10 micron nominal
Seals	Nitrile (Buna - N)
Port options	1½" BSP
Flow rate	200 l/m
Max internal pressure	30 bar
Weight	2.3 kg



Dimensions: refer drawing

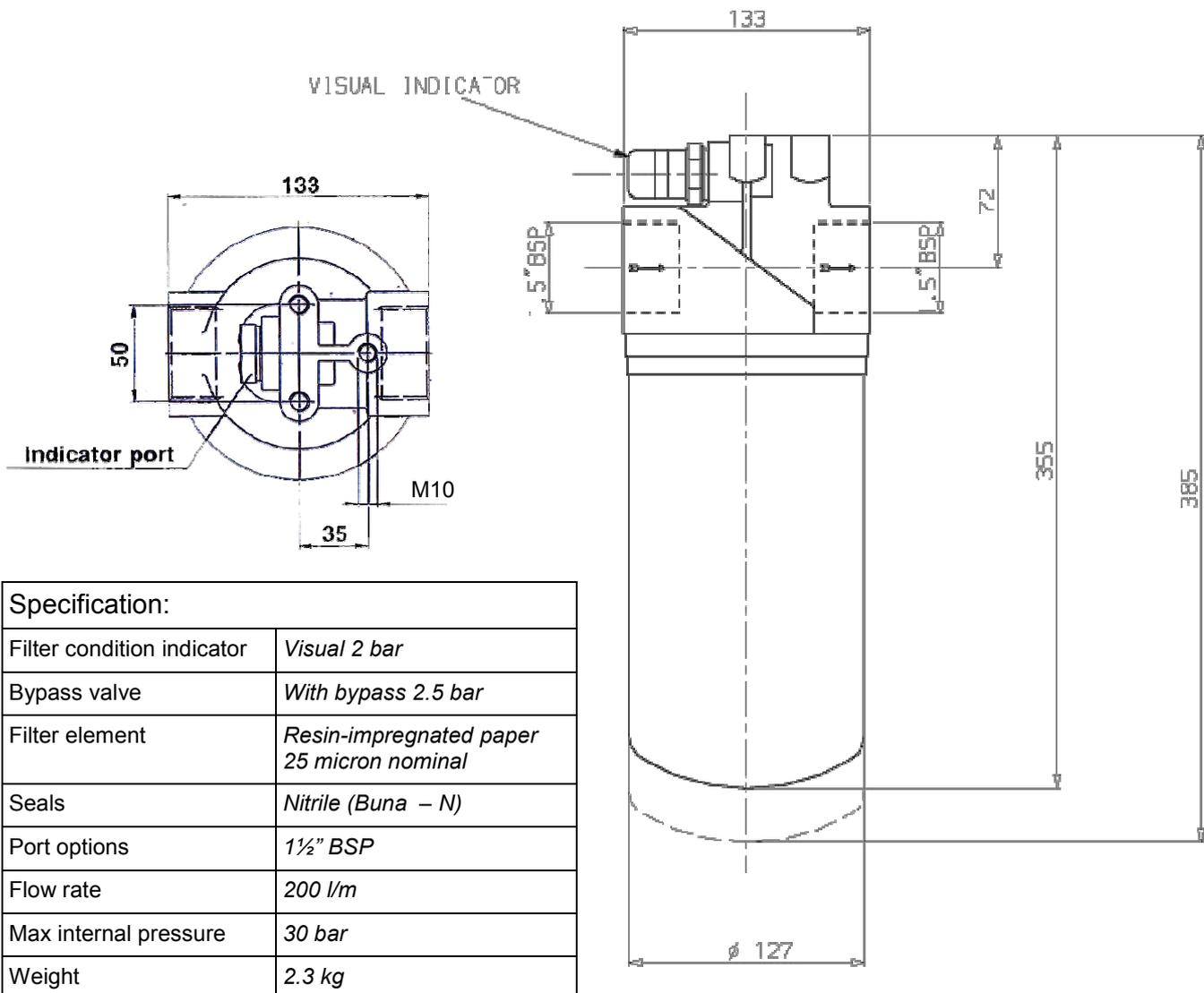
A	1½ BSP
B	355 mm
C	10 mm
D	127 mm
E	50 mm
F	133 mm
G	35 mm
H	72 mm



All dimensions are given in mm unless otherwise stated. Technical Specifications are subject to change without notice.

Oil Filter: for tipper applications - PM548

- 25 micron nominal filtration
- Spin on canister (Part No: PM549)
- High internal pressure capacity (30 bar)
- With bypass and visual filter indicator



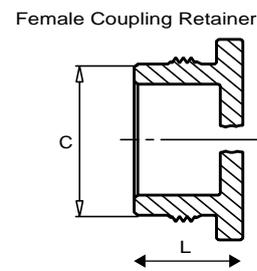
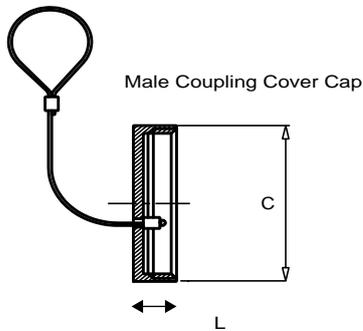
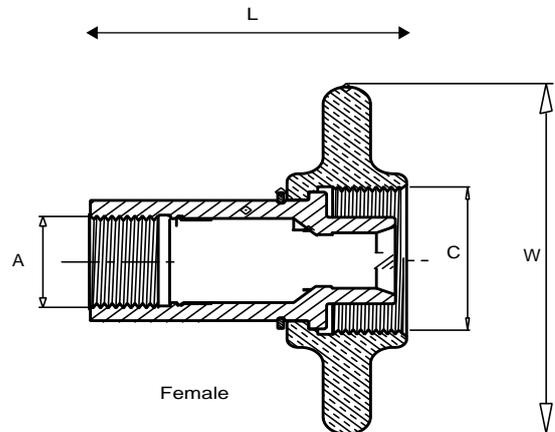
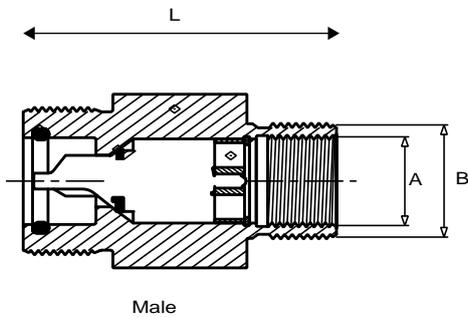
Note: Alternative tank mounted filter PM476

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Quick Disconnect Couplings - QDC



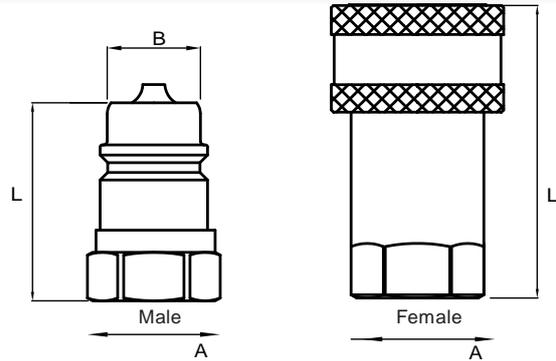
- Screws directly into the cylinder oil inlet port
- Wing nut design ensures easy connection
- Zinc plated for corrosion resistance
- Flat face and ISO 'A' alternatives available



Size/Type	Part no.	Mass (kgs)	A	B	C	L	W	Rated flow (l/min)	Pressure drop (bar)	MWP (bar)
¾" FEMALE	QDC075F/W	0.8	¾" BSP	-	44	75	115	150	5.8	250
¾" MALE	QDC075F	0.7	¾" BSP	1¼" BSP	-	78				
¾" RETAINER	QDC075/R	0.1	-	-	44	25				
¾" COVER	QDC075/C	0.1	-	-	44	13				
1" FEMALE	QDC100F/W	0.85	1" BSP	-	54	80				
1" MALE	QDC100F	0.09	1" BSP	1¼" BSP	-	83				
1" RETAINER	QDC100/R	0.15	-	-	54	25				
1" COVER	QDC100/C	0.15	-	-	54	18				

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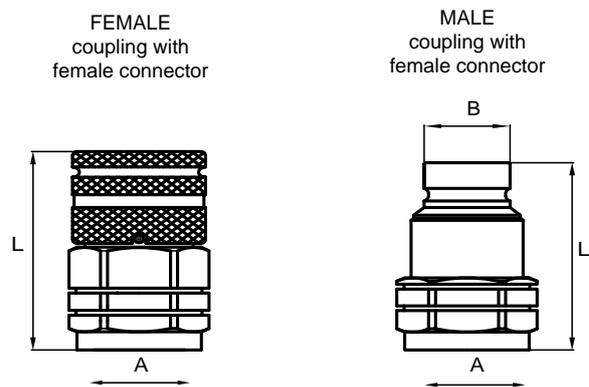
Quick Disconnect Couplings - ISO 'A'



ISO 'A' COUPLING

Size/Type	Part no.	Mass (kgs)	A	B	L	Rated flow (l/min)	Pressure drop (bar)	MWP (bar)
¾" FEMALE	QDC075F/W/ISO	0.4	¾" BSP		82	180	4	250
¾" MALE	QDC075F/ISO	0.3	¾" BSP		-	-	-	-
¾" RETAINER	QDC075/ISO/R							
¾" COVER	QDC075/ISO/C							
1" FEMALE	QDC100F/W/ISO	0.6	1" BSP		127	320	4	230
1" MALE	QDC100F/ISO	0.5	1" BSP		-	-	-	-
1" RETAINER	QDC100/ISO/R							
1" COVER	QDC100/ISO/C							

Quick Disconnect Couplings - ISO Flat Face Coupling



ISO - FLAT FACE COUPLING

Size/Type	Part no.	Mass (kgs)	A	B	L	Rated flow (l/min)	Pressure drop (bar)	MWP (bar)
¾" FEMALE	QDC075FFF	0.4	¾" BSP	-	135	250	3	250
¾" MALE	QDC075FFM	0.4	¾" BSP	-	-	-	-	-
1" FEMALE	QDC100FFF	0.6	1" BSP	-	154	130	3	250
1" MALE	QDC100FFM	0.6	1" BSP	-	-	-	-	-

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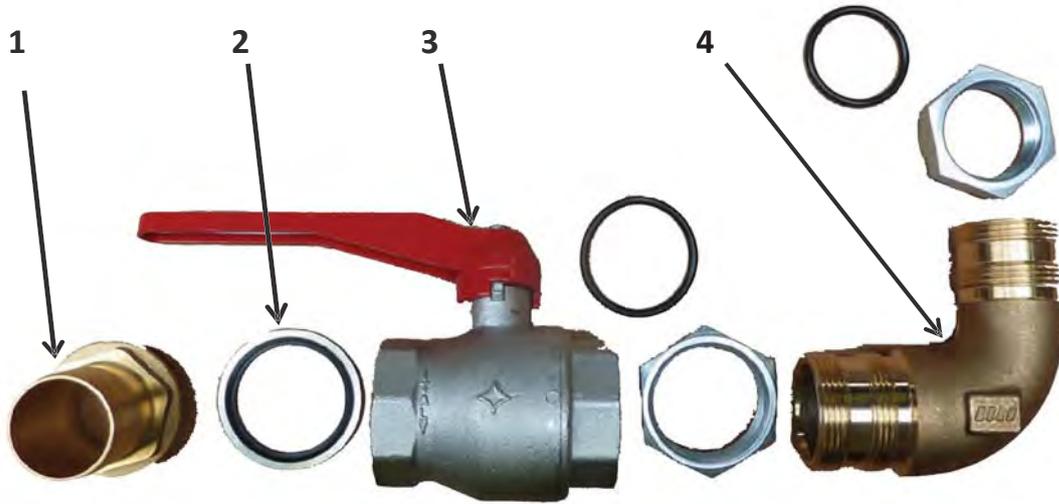
Shut-Off Valve - Ball Valve



Part No	Type	D1	Thread	D2	Thread
VS5	Ball	1.25" BSP	Female	1.25" BSP	Female
VS6	Ball	2" BSP	Female	2" BSP	Female
VS7	Ball	1.5" BSP	Male	1.5" BSP	Female
VS10	Ball	1.5" BSP	Female	1.5" BSP	Female

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Ball Valve Kit: To Fit All CX Series - 1.5" Suction Pipe - BVK



- Low pressure tank outlet valve and push-on fitting
 - Elbow and ball valve can be oriented to suit
 - Tank adaptor 1.25" BSP
 - Replaces NR1639
 - Push on hose adaptor 1.5"
- 

BVK_	1 PUSH FITTING		2 DOWTY SEAL		3 BALL VALVE		4 ELBOW	
	Part	Size	Part	Size	Part	Size	Part	Size
BVK01	NR1541	1.5"	DPP45K/SC	1.5"	VS10	1.5"-1.5"	NR1739	1.25 - 1.5"

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High Pressure Adaptor BSP G" Thread - NR611/**



Stright Male - Male

	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1.1/4"
1/8"									
1/4"									
3/8"		NR611/19	NR611/30						
1/2"		NR611/50	NR611/25	NR611/44					
5/8"				NR611/16					
3/4"				NR611/45	NR611/6	NR611/42			
7/8"						NR611/11			
1"				NR611/46		NR611/27	NR611/12	NR611/43	
1.1/4"						NR611/40		NR611/47	
1.1/2"								NR611/41	NR611/48

For appropriate sealing washer refer to DPP45** specification sheet

All dimensions are given in mm unless otherwise stated. Technical Specifications are subject to change without notice.

Sealing Washer to suit BSP (G" Thread)- DPP45***

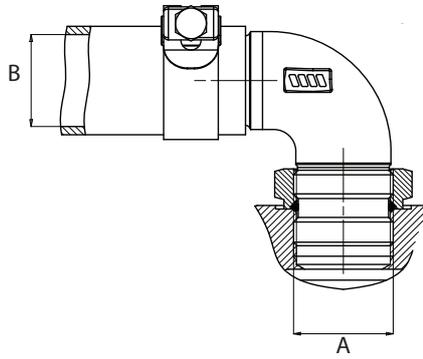


	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1.1/4"	1.1/2"	2"
Part No	DPP45A	DPP45B/SC	DPP45C	DPP45D/SC	DPP45E	DPP45F/SC	DPP45G	DPP45H/SC	DPP45J/SC	DPP45K/SC	DPP45M

Part number is followed by /SC for self centering version i.e DPP45H/SC

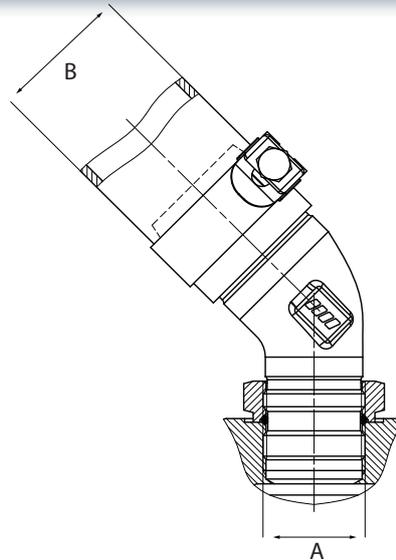
Not all versions are available in self centering style

High / Low Pressure Adaptor G" Thread - Push-On Elbow 90°



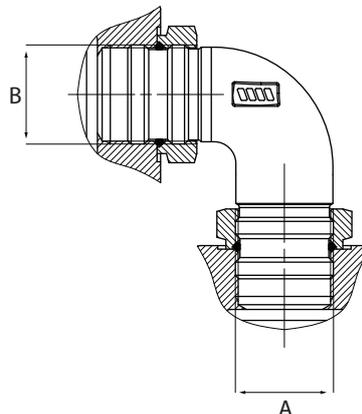
Part	A	B
NR1677	1/2"	1.25"
NR1678	3/4"	1"
NR1679	3/4"	1.25"
NR1644	3/4"	1.5"
NR1664	1"	1.5"
NR1639	1.25"	1.5"
NR1682	1.25	2"

High / Low Pressure Adaptor G" Thread - Push-On Elbow 45°



Part	A	B
NR1742	1.25"	1.5"
NR1683	1.25"	2"

High / Low Pressure Adaptor G" Thread Elbow 90°



Part	A	B
NR1738	1" BSP	1" BSP
NR1739	1.5" BSP	1.25" BSP

For appropriate sealing washer refer to DPP45** specification sheet

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Rev Aug 2015

High Pressure Adaptor - Swivel



NR633
1/2" BSP (Male) - 1/2" BSP (Female) 90°
NR1707
3/4" BSP (Male) - 3/4" BSP (Male) 90°



NR1712 - 135 Deg Male - Female 3/4" BSP



NR627
3/4" BSP (Male) - 3/4" BSP (Female) 90°



NR634
1" BSP (Male) - 1" BSP (Female) 90°



NR1655
1/2" BSP Male - 3/4" BSP Female (Swivel)



NR1658
3/4" BSP Male - 1" BSP Female (Swivel)
NR1659
1" BSP Male - 1" BSP Female (Swivel)



NR1637 - T - Adaptor 1" BSP Female (Swivel)
NR1649 - T - Adaptor 1.25" BSP Female (Swivel)



NR1701 - T - Adaptor
1/2" BSP Male - 1/2" BSP Male - 1/2" BSP Female (Swivel)

Low Pressure Adaptors



Part	BSP	
	A	B
NR1541	1.5"	1.5"
NR1714	1.5"	2"
NR1643	2"	2"

Dimension B to suit size of suction hose.



NR1748 - 2.5" Bore LP Push On Adaptor



NR1521 - 1.25" BSP to 1.5" Pipe Adaptor



NR1612 - 1.5" Stright Push on Adaptor



NR1614 - 1.5" Stright Push On Adaptor



NR1628 - 2" Push On Adaptor 45 Elbow



NR1694 - 1" Positional Union for VD075

High / Low Pressure Adaptor - Misc



NR1636 - 2" - 1" BSP HP Pipe Adaptor



NR1686 - 3/4" BSP Female - 1/2" BSP Male



NR1700 - 1/2" BSP Male - 3/4" BSP Male (CT040)



NR1675 - 3/4" BSP Male - 3/4" BSP Male



NR1676 - 3/4" BSP Male - 1" BSP Female (CT200)



NR1702 - 3/4" BSP Male Adaptor (CT200)

NR1703 - 1" BSP Male Adaptor (CT200)



NR1737 - 1" BSP Male Adaptor (CT020)

High / Low Pressure Adaptor - Misc



NR1544
1.5" BSP (Female) - 1.5" BSP (Male) 90°



NR1588
1.5" Push On Adaptor 45° Elbow
NR1590
2" Push On Adaptor 45° Elbow



NR1589
1.5" Push On Adaptor 90° Elbow
NR1605
2" Push On Adaptor 90° Elbow



NR1591
2" Push On Adaptor 90° Elbow



NR1608
2" Push On Adaptor 45° Elbow



NR1740
2.5" Bore LP Push On Adaptor 45° Elbow

High / Low Pressure Adaptor - Misc

Plugs



Part	Size (BSP)
NR994	3/4"
NR994/2	1/2"
NR994/3	5/8"
NR994/4	1"
NR994/5	1.25"
NR994/8	1.5"
NR994/9	1.5" Tapered

Bulk Head Adaptors



NR1663 - 3/4" BSP Male - 3/4" BSP Male
Bulk Head

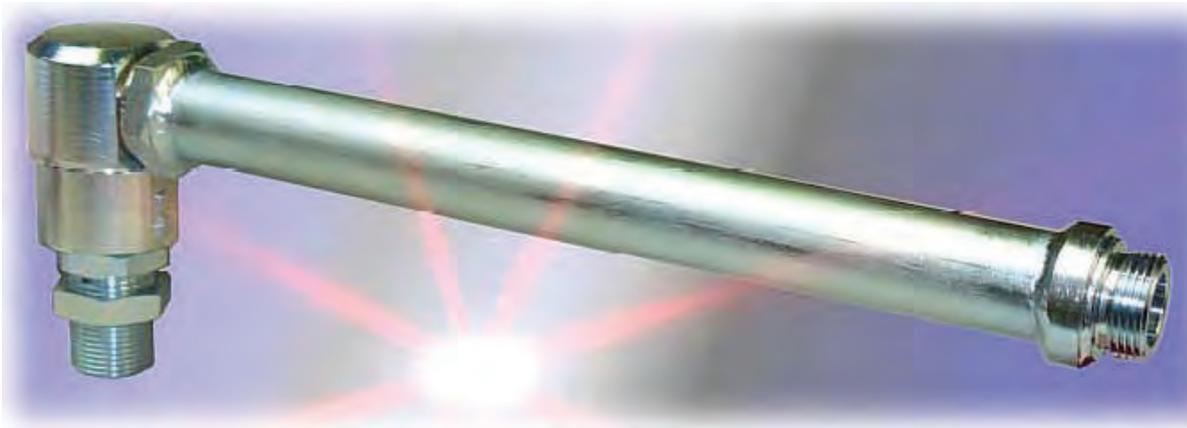


NR1662 - 1" BSP Male - 1" BSP Male
Bulk Head



NR1707 - 3/4" Male - Male 90 deg LP
Bulk Head

Quick Disconnect Couplings



Specially designed for tipper and walking-floor applications
Multiple mounting options available
Easily mounting in front of the fifth wheel

- Maintenance free
- Compact sizes
- Corrosion protected
- Light weight 2.8kg
- Maximum workpressure 250bar
- Prevents worn hoses

	Thread Ø	Length
SG350J	1"	350mm
SG600J	1"	600mm

Part No: ZL-SG-SB-K



- Double Pivoting arm for Walking Floor applications
- Integral Pressure Relief Valve
- Includes Adjustable Bracket
- Excluding couplings & Add-ons

Part No: SG350 J2



Bracket for Swivel Connection (excluding pivoting arm)



Part No: NR1656

1" 90° Rotational Joint

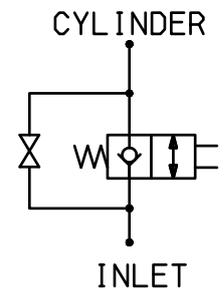
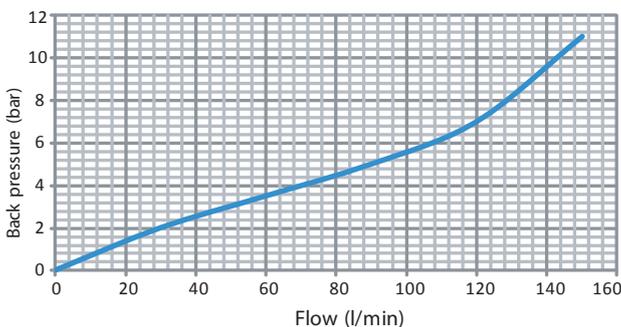
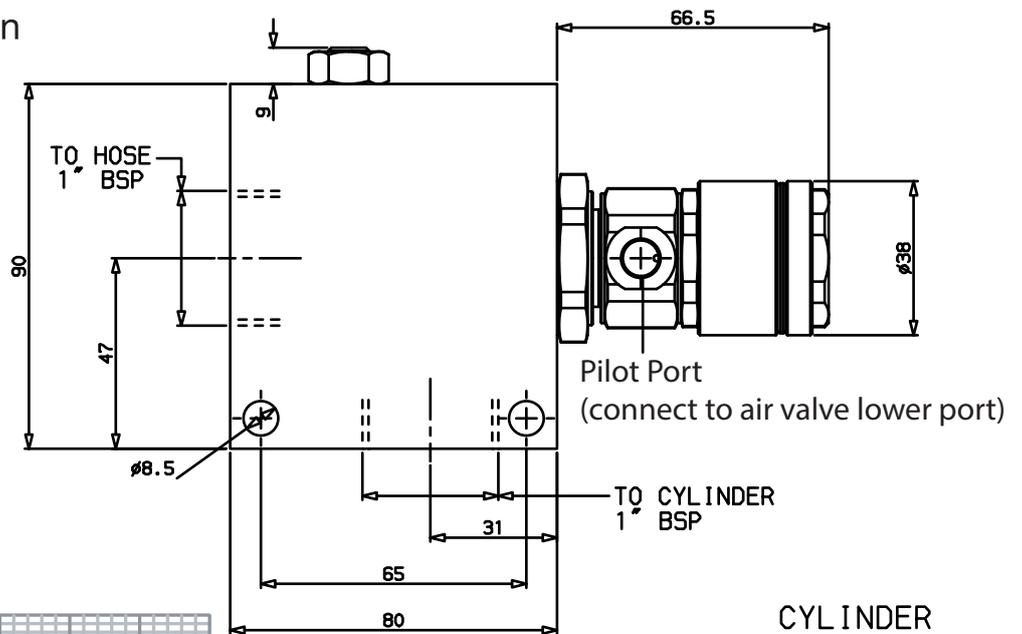
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Hose Burst Safety Valve: VHB100

- * Air operated lowering valve
- * Positive hold if not energised
- * Protects against hose burst
- * Manual bleed valve for controlled lowering in the event of a pipe burst
- * Max oil pressure - 210 bar
- * Air pressure - 4-15 bar
- * Rated flow - 150 L/min



Specification:



Guidelines:

- * The addition of this valve will increase lowering time due to additional pressure drop
- * Depending on application, lowering time could be increased by 50%
- * The use of this valve does not negate the need for regular hose check ups and replacement according to condition and age.

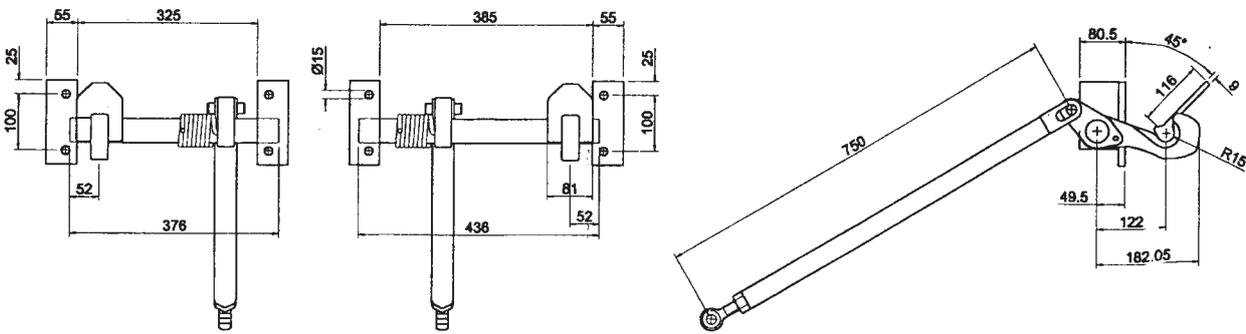
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Automatic Tailgate Release 26Tonne

ATR26:

Suitable for 26 Tonne GWW

Weight - 30kg



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