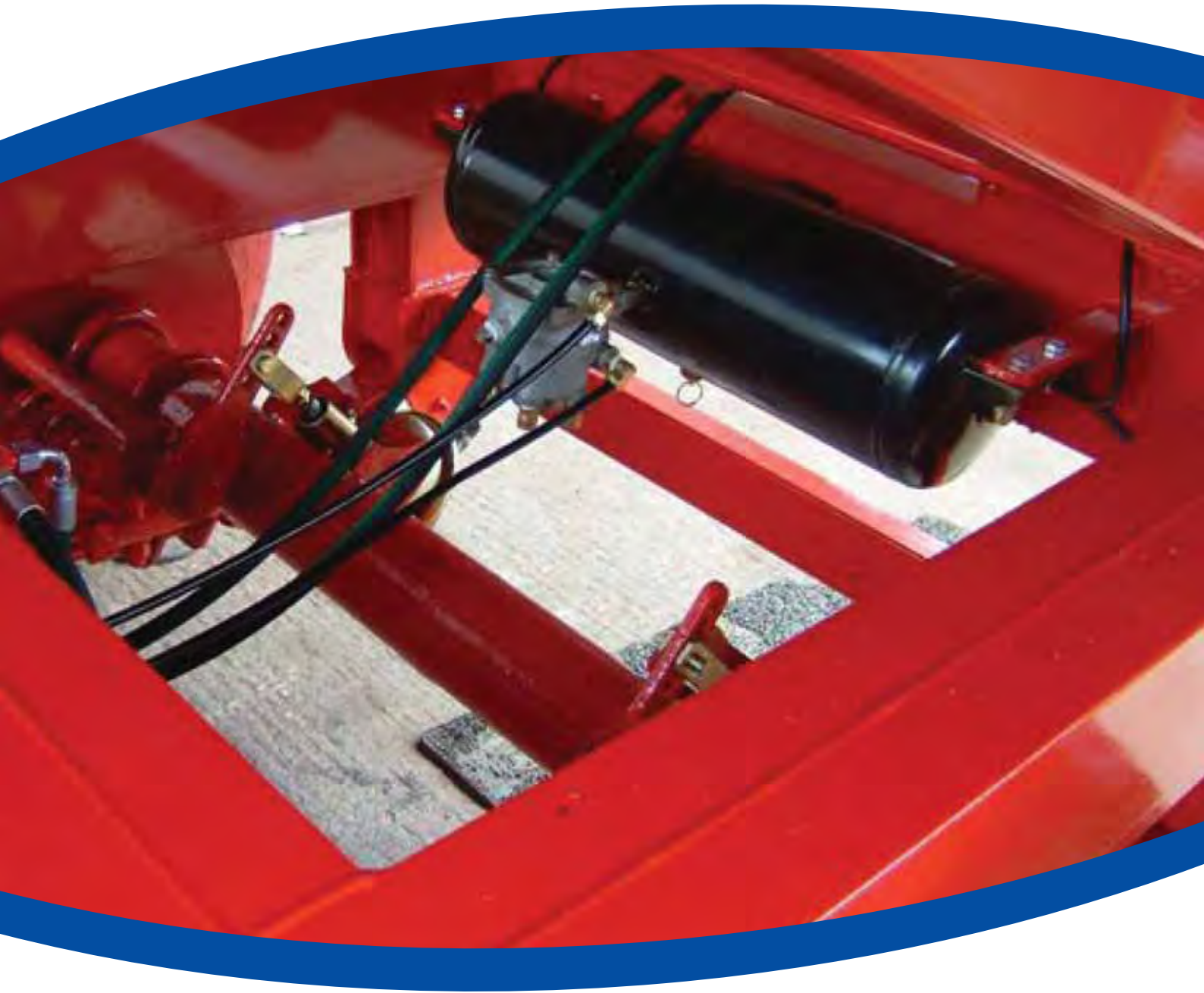


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McHUGH

C O M P O N E N T S



Air Brake Components

2010



Relay Valve RV2 Standard

For use on single axle trailers

WORKING PRESSURE	SEAL KIT TO SUIT	OEM REFERENCE	PART NUMBER
10 bar	770109AB	971 002 150 0	770100AB



Relay Valve RV6 Standard

For use on twin and tri-axle trailers

WORKING PRESSURE	SEAL KIT TO SUIT	OEM REFERENCE	PART NUMBER
10 bar	770509AB	971 002 152 0	770500AB



Relay Valve RV6 Standard Load Sensing

For use on twin and tri-axle trailers

WORKING PRESSURE	SEAL KIT TO SUIT	OEM REFERENCE	PART NUMBER
10 bar	770209AB	475 712 000 0	770200AB



Load Sensing Valve Connecting Rod

DESCRIPTION	PART NUMBER
Connecting rod to suit load sensing valve	770201AB

Load Sensing Valve Lower Linkage Kit

DESCRIPTION	PART NUMBER
Lower linkage kit to suit load sensing valve	770202AB



Shunt Valve

DESCRIPTION	PART NUMBER
Standard shunt valve	770300AB



Shunt Valve (Manual Load Proportioning)

DESCRIPTION	PART NUMBER
Shunt valve manual load proportioning	770400AB



Air Tanks

5 x M22x1.5 Ports

DESCRIPTION	PART NUMBER
Air tank 30 Ltr c/w saddle + U bolt	771400AB
Air tank 45 Ltr c/w saddle + U bolt	771100AB
Air tank 60 Ltr side mounted	771200AB
Air tank 60 Ltr end mounted	771300AB



Air Tubing

DESCRIPTION	PART NUMBER
Tube Black 10 x 1.25	773103AB
Tube Yellow 10 x 1.25	773100AB
Tube Yellow 12 x 1.5	773101AB
Tube Red 12 x 1.5	773102AB
Tube Black 18 x 2.0	773104AB



Service and Emergency Air Coils

DESCRIPTION	PART NUMBER
Service line coil - Yellow air coil 22 turns	773200AB
Emergency line coil - Red air coil 22 turns	773201AB



Male Air Quick Release

DESCRIPTION	PART NUMBER
Quick release Male C coupling M22	775100AB



Female Air Quick Release

DESCRIPTION	PART NUMBER
Quick Release Female C coupling M22	775200AB
Quick Release operating valve M22	775300AB



Palm Coupling

DESCRIPTION	PART NUMBER
Palm coupling M22 x 1.5mm Red	775400AB
Palm coupling M22 x 1.5mm Yellow	775500AB



Drain Valve

DESCRIPTION	PART NUMBER
Drain valve M 22mm thread c/w 6ft cable	774400AB



Straight Stud

DESCRIPTION	PART NUMBER
Straight stud 10mm x 1.25 tube - M16mm thread	774100AB
Straight stud 10mm x 1.25 tube - M22mm thread	774101AB
Straight stud 12mm x 1.5 tube - M16mm thread	774102AB
Straight stud 18mm x 2.0 tube - M22mm thread	774103AB
Straight stud 12mm x 1.5 tube - M22 thread	774104AB
Straight stud 12mm x 1.5 tube - M16mm thread	774105AB



Straight Bulkhead Stud

DESCRIPTION	PART NUMBER
Straight bulkhead stud 10mm x 1.25 Tube - M22mm thread	774120AB



Elbow Stud

DESCRIPTION	PART NUMBER
Elbow stud 12mm x 1.5 tube - M16mm thread	774203AB
Elbow stud 10mm x 1.25 tube - M16mm thread	774200AB
Elbow stud 10mm x 1.25 tube - M22mm thread	774202AB
Elbow stud 12mm x 1.5 tube - M22 thread	774204AB
Elbow stud 18mm x 2.0 tube - M22 thread	774205AB
Elbow stud 16mm x 2.0 tube - M22 thread	774206AB
Elbow stud 10mm x 1.25 tube - M22mm thread long drop	774201AB



'T' Stud

DESCRIPTION	PART NUMBER
'T' 12mm x 1.5 tube -12mm x 1.5 tube - M22mm thread	774300AB



'T' Piece

DESCRIPTION	PART NUMBER
'T' 10mm x 1.25 - 10mm x 1.25 - 10mm x 1.25 tube Tee piece	774301AB



Bulkhead Adaptor - Male

DESCRIPTION	PART NUMBER
Bulkhead adaptor 22mm thread	774600AB
Bulkhead adaptor 16mm x 22mm thread	774603AB
Bulkhead adaptor 22mm - 16mm c/w 10mm inner thread	774601AB
Bulkhead adaptor 22mm - 22mm c/w 16mm inner thread	774602AB



Female Sleeve

DESCRIPTION	PART NUMBER
Female sleeve M22mm thread	774700AB



Plug

DESCRIPTION	PART NUMBER
Plug M16mm thread	774500AB
Plug M22mm thread	774501AB



Brass Hose Tail

DESCRIPTION	PART NUMBER
Brass hose tail M22 male thread x 13mm hosetail c/w 'O' ring	774800AB



Test Point Coupling

DESCRIPTION	PART NUMBER
Test point coupling M16	774900AB
Test point coupling M22	774901AB



Inline Filter

DESCRIPTION	PART NUMBER
Inline filter M22	776100AB



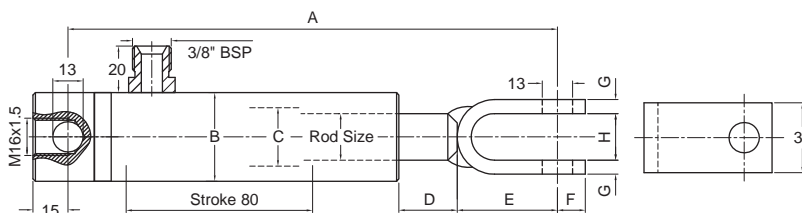
The Hydraulic Ram in this system requires an external return spring. Details of return springs are listed below.



Hydraulic / Pneumatic Brake Actuators

Dual Supply Brake Actuators are available in various combinations of Air Pot and Hydraulic Rams

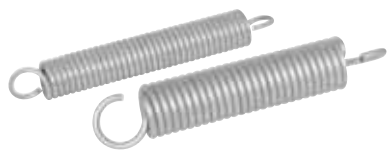
AIR PORT		HYDRAULIC RAM		AIR POT PORT	HYD. RAM PORT	PART NUMBER
TYPE	PART NUMBER	ROD	PART NUMBER			
T12	772100AB	20mm	BC2080TH	16mm Female	3/8" BSP Male	DSBAT12R20
T20	772200AB	20mm	BC2080TH	16mm Female	3/8" BSP Male	DSBAT20R20
T20	772200AB	25mm	BC2580TH	16mm Female	3/8" BSP Male	DSBAT20R25
T24	772300AB	20mm	BC2080TH	16mm Female	3/8" BSP Male	DSBAT24R20
T24	772300AB	25mm	BC2580TH	16mm Female	3/8" BSP Male	DSBAT24R25
T30	772400AB	25mm	BC2580TH	16mm Female	3/8" BSP Male	DSBAT30R25



Brake Ram c/w Dual Pin Hole / Threaded Base - Pin Hole Clevis

External Spring Return

ROD SIZE	STROKE	DIMENSIONS								MAX WORKING PRESSURE	PORT SIZE		PART NUMBER
		A	B	C	D	E	F	G	H		MALE		
20mm	80mm	210	38	25	25	43	12	6	20	250bar	3/8" BSP		BC2080TH
25mm	80mm	230	45	30	28	60	14	8	15	250bar	3/8" BSP		BC2580TH
30mm	80mm	230	45	35	28	60	14	8	15	230bar	3/8" BSP		BC3080TH



Springs to suit

LENGTH	OD	ID	WIRE Ø	PART NUMBER
190mm	27mm	19mm	4mm	BCS190
220mm	38mm	28mm	5mm	BCS220
235mm	27mm	19mm	4mm	BCS235



Pneumatic Brake Actuators

TYPE	DESCRIPTION	PART NUMBER
T12	Pneumatic brake actuators less clevis	772100AB
T20	Pneumatic brake actuators less clevis	772200AB
T24	Pneumatic brake actuators less clevis	772300AB
T30	Pneumatic brake actuators less clevis	772400AB

Clevis to suit Pneumatic Brake Actuators

DESCRIPTION	PART NUMBER
Clevis to suit Pneumatic Brake Actuators T12, T20, T24 and T30	772500AB

Full Range of Hydraulic Rams available, including Tipping and Back Door Rams. See our Hydraulics Catalogue for further details.



Tested to 1,000,000 cycles

Hypress 2SN Hydraulic Hose, Ferrules and Clamps

Hose Manufactured to: EN 853 2SN - DIN 20022 - exceed SAE 100 R2T specification

Hose Operating temperature: -40°C to +100°C

ID		DASH SIZE	OD	SINGLE CLAMP	DOUBLE CLAMP	FERRULE	HOSE
Inch	mm		mm				
1/4"	6.4	04	15.0	RS215	RS21515	0022-04	2SN04
3/8"	9.5	06	19.0	RS320	RS32020	0022-06	2SN06
1/2"	12.7	08	22.2	RS322	RS32222	0022-08	2SN08

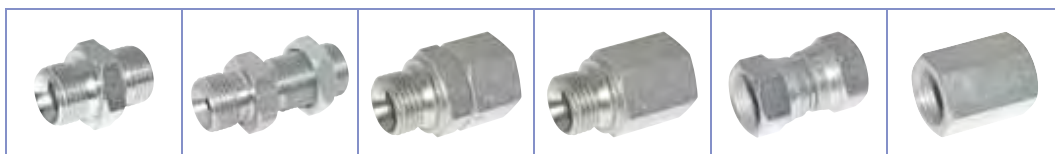
Hypress BSP Fittings

60° Cone



HOSE ID	THREAD	MALE STRAIGHT	FEMALE STRAIGHT	45° SWEPT ELBOW	90° SWEPT ELBOW	90° BLOCK ELBOW
1/4"	1/4" BSP	0350-04-04	0050-04-04	0250-04-04	0150-04-04	2300-04-04
1/4"	3/8" BSP	0350-04-06	0050-04-06	0250-04-06	0150-04-06	2300-04-06
3/8"	3/8" BSP	0350-06-06	0050-06-06	0250-06-06	0150-06-06	2300-06-06
3/8"	1/2" BSP	0350-06-08	0050-06-08	0250-06-08	0150-06-08	2300-06-08
1/2"	1/2" BSP	0350-08-08	0050-08-08	0250-08-08	0150-08-08	2300-08-08

Hypress BSP Adaptors








THREAD	THREAD	MALE MALE	MALE MALE BULKHEAD	MALE FEMALE SWIVEL	MALE FEMALE FIXED	FEMALE FEMALE SWIVEL	FEMALE FEMALE FIXED
1/4" BSP	1/4" BSP	636-04-04	640-04-04	626-04-04	2000-04-33	616-04-04	A105-04-04
1/4" BSP	3/8" BSP	635-04-06	-	625-04-06	-	615-04-06	A105-04-06
1/4" BSP	1/2" BSP	635-04-08	-	625-04-08	-	615-04-08	A105-04-08
3/8" BSP	3/8" BSP	636-06-06	640-06-06	626-06-06	2000-06-54	616-06-06	A105-06-06
3/8" BSP	1/2" BSP	635-06-08	-	625-06-08	-	615-06-08	A105-06-08
1/2" BSP	1/2" BSP	636-08-08	640-08-08	626-08-08	2000-08-45	616-08-08	A105-08-08

Hypress BSP 90° Adaptors







THREAD	MALE MALE 90° SWEPT	MALE MALE 90° BLOCKED	MALE FEMALE 90° SWEPT	MALE FEMALE 90° BLOCKED	FEMALE FEMALE 90° SWEPT	FEMALE FEMALE 90° BLOCKED
1/4" BSP	6369-04-04	6369-04-04B	6269-04-04	6269-04-04B	6169-04-04	6169-04-04B
3/8" BSP	6369-06-06	6369-06-06B	6269-06-06	6269-06-06B	6169-06-06	6169-06-06B
1/2" BSP	6369-08-08	6369-08-08B	6269-08-08	6269-08-08B	6169-08-08	6169-08-08B

Hypress
BSP
Cross & 'T' Pieces

					
THREAD	MALE CROSS	MALE 'T'	MALE FEMALE MALE 'T'	FEMALE MALE MALE 'T'	FEMALE 'T'
1/4" BSP	XMMMM04	TMMM-04	TMFM-04	TFMM-04	TFFF-04
3/8" BSP	XMMMM06	TMMM-06	TMFM-06	TFMM-06	TFFF-06
1/2" BSP	XMMMM08	TMMM-08	TMFM-08	TFMM-08	TFFF-08

FRSTER
Quick Release & Brake Couplings

					
THREAD	1/2" MALE QR WITH MALE THREAD	1/2" MALE QR WITH FEMALE THREAD	1/2" MALE QR HOLDER	1/2" FEMALE QR WITH FEMALE THREAD	BRAKE LINE CARRIER WITH FEMALE THREAD
3/8" BSP	CNV138GASM	-	-	-	VF038GASF
1/2" BSP	CNV112GASM	NV12GASM	SS12M	NV12GASF	VF012GASF

Safe-Spiral Hose Guard


Made from High Density Polyethylene. Made from frost and heat resistant PE plastic, which is usable in temperatures from -50° to +100°C. Safe-Spiral is resistant to acids, oils and solvents. Contains antistatic additive and is UV-protected.

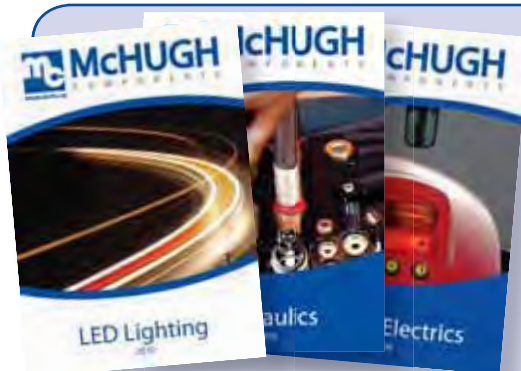


Available in Yellow on request

ID mm	OD mm	WALL THICKNESS	RECOMMENDED USAGE RANGE	COIL LENGTH	PART NUMBER
9.6	12	1.2mm	9 - 13mm	25 metres	SGX-12-M
13.4	16	1.3mm	13 - 18mm	25 metres	SGX-16-M
16.0	20	2.0mm	18 - 24mm	25 metres	SGX-20-M
20.6	25	2.2mm	24 - 28mm	25 metres	SGX-25-M
27.0	32	2.5mm	28 - 40mm	25 metres	SGX-32-M
34.6	40	2.7mm	35 - 45mm	25 metres	SGX-40-M
43.2	50	3.4mm	40 - 55mm	25 metres	SGX-50-M
55.6	63	3.7mm	55 - 62mm	25 metres	SGX-63-M
66.2	75	4.4mm	60 - 70mm	20 metres	SGX-75-M
80.2	90	4.9mm	70 - 90mm	20 metres	SGX-90-M
99.0	110	5.5mm	80 - 105mm	15 metres	SGX-110-M
127.0	140	6.5mm	125 - 150mm	10 metres	SGX-140-M

Hypress
BSP
Washers

	
SIZE	BONDED SEAL
1/4" BSP	DW04
3/8" BSP	DW06
1/2" BSP	DW08



Other Catalogues of interest

- LED Lighting
- Hydraulics
- Vehicle Electrics
- Vehicle Accessories

or see www.mchc.ie for our full range of catalogues.