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PUSH FIT TUBE FITTINGS

SPECIFICATIONS

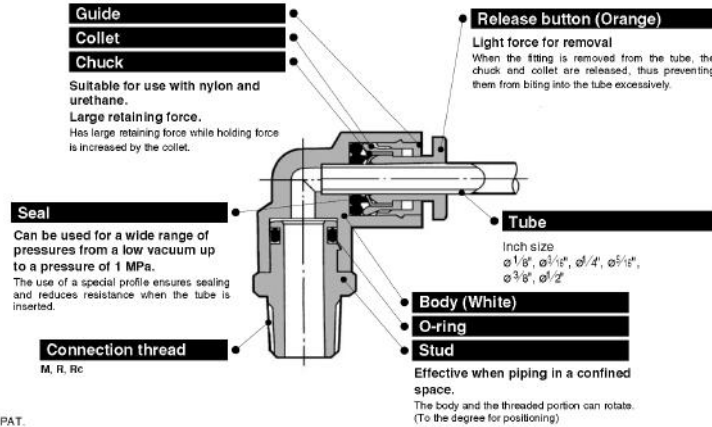
Description: Push Fit Tube Fittings offer one-touch loading and unloading for use with nylon, polyurethane and polyethylene tube. They are available to suit both imperial and metric tube sizes, and can be used for both pressure or vacuum applications

Medium: Air, Water

Max Operating Pressure: 1.0 MPa (150 psi)

Operating Vacuum Pressure: -100 kPa

Working Temperature: -5 to 60°C for Air, 0 to 40°C for Water



TUBE x MBSP CONNECTOR



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TUBE SIZE	THREAD SIZE	METRIC
4mm	M5	QFM03-04M5
4mm	1/8"	QFM03-0403
4mm	1/4"	QFM03-0406
6mm	M5	QFM03-06M5
6mm	1/8"	QFM03-0603
6mm	1/4"	QFM03-0606
6mm	3/8"	QFM03-0610
8mm	1/8"	QFM03-0803
8mm	1/4"	QFM03-0806
8mm	3/8"	QFM03-0810
10mm	1/8"	QFM03-1003
10mm	1/4"	QFM03-1006
10mm	3/8"	QFM03-1010
10mm	1/2"	QFM03-1012
12mm	1/4"	QFM03-1206
12mm	3/8"	QFM03-1210
12mm	1/2"	QFM03-1212
16mm	3/8"	QFM03-1610
16mm	1/2"	QFM03-1612

TUBE SIZE	THREAD SIZE	IMPERIAL
1/8"	1/8"	QF03-0303
3/16"	1/8"	QF03-0503
3/16"	1/4"	QF03-0506
1/4"	1/8"	QF03-0603
1/4"	1/4"	QF03-0606
1/4"	3/8"	QF03-0610
3/8"	1/8"	QF03-1003
3/8"	1/4"	QF03-1006
3/8"	3/8"	QF03-1010
3/8"	1/2"	QF03-1012
1/2"	1/4"	QF03-1206
1/2"	3/8"	QF03-1210
1/2"	1/2"	QF03-1212

PUSH FIT TUBE FITTINGS

TUBE UNION



TUBE SIZE	TUBE SIZE	METRIC
4mm	4mm	QFM04-0404
6mm	4mm	QFM04-0604
6mm	6mm	QFM04-0606
8mm	6mm	QFM04-0806
8mm	8mm	QFM04-0808
10mm	8mm	QFM04-1008
10mm	10mm	QFM04-1010
12mm	10mm	QFM04-1210
12mm	12mm	QFM04-1212
16mm	12mm	QFM04-1612
16mm	16mm	QFM04-1616

TUBE SIZE	TUBE SIZE	IMPERIAL
1/8"	1/8"	QF04-0303
3/16"	3/16"	QF04-0505
1/4"	1/8"	QF04-0603
1/4"	3/16"	QF04-0605
1/4"	1/4"	QF04-0606
3/8"	1/4"	QF04-1006
3/8"	5/16"	QF04-1008
3/8"	3/8"	QF04-1010
1/2"	3/8"	QF04-1210
1/2"	1/2"	QF04-1212

TUBE x MBSP ELBOW 90° CONNECTOR



TUBE SIZE	THREAD SIZE	METRIC
4mm	M5	QFM05-04M5
4mm	1/8"	QFM05-0403
4mm	1/4"	QFM05-0406
6mm	M5	QFM05-06M5
6mm	1/8"	QFM05-0603
6mm	1/4"	QFM05-0606
6mm	3/8"	QFM05-0610
8mm	1/8"	QFM05-0803
8mm	1/4"	QFM05-0806
8mm	3/8"	QFM05-0810
10mm	1/8"	QFM05-1003
10mm	1/4"	QFM05-1006
10mm	3/8"	QFM05-1010
10mm	1/2"	QFM05-1012
12mm	1/4"	QFM05-1206
12mm	3/8"	QFM05-1210
12mm	1/2"	QFM05-1212
16mm	3/8"	QFM05-1610
16mm	1/2"	QFM05-1612

TUBE SIZE	THREAD SIZE	IMPERIAL
1/8"	1/8"	QF05-0303
1/8"	M5	QF05-03M5
3/16"	1/8"	QF05-0503
3/16"	1/4"	QF05-0506
1/4"	1/8"	QF05-0603
1/4"	M5	QF05-06M5
1/4"	1/4"	QF05-0606
1/4"	3/8"	QF05-0610
3/8"	1/4"	QF05-1006
3/8"	3/8"	QF05-1010
3/8"	1/2"	QF05-1012
1/2"	1/4"	QF05-1206
1/2"	3/8"	QF05-1210
1/2"	1/2"	QF05-1212

PUSH FIT TUBE FITTINGS

TUBE x MBSP ELBOW 45° CONNECTOR



TUBE SIZE	THREAD SIZE	METRIC
4mm	M5	QFM05-404M5
4mm	1/8"	QFM05-40403
4mm	1/4"	QFM05-40406
6mm	M5	QFM05-406M5
6mm	1/8"	QFM05-40603
6mm	1/4"	QFM05-40606
6mm	3/8"	QFM05-40610
8mm	1/8"	QFM05-40803
8mm	1/4"	QFM05-40806
8mm	3/8"	QFM05-40810
10mm	1/8"	QFM05-41003
10mm	1/4"	QFM05-41006
10mm	3/8"	QFM05-41010
10mm	1/2"	QFM05-41012
12mm	1/4"	QFM05-41206
12mm	3/8"	QFM05-41210
12mm	1/2"	QFM05-41212
16mm	3/8"	QFM05-41610
16mm	1/2"	QFM05-41612

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TUBE x FBSP CONNECTOR



TUBE SIZE	THREAD SIZE	METRIC
4mm	1/8"	QFM10-0403
4mm	1/4"	QFM10-0406
6mm	1/8"	QFM10-0603
6mm	1/4"	QFM10-0606
6mm	3/8"	QFM10-0610
8mm	1/8"	QFM10-0803
8mm	1/4"	QFM10-0806
8mm	3/8"	QFM10-0810
10mm	1/4"	QFM10-1006
10mm	3/8"	QFM10-1010
12mm	1/4"	QFM10-1206
12mm	3/8"	QFM10-1210
12mm	1/2"	QFM10-1212
16mm	3/8"	QFM10-1610
16mm	1/2"	QFM10-1612

PUSH FIT TUBE FITTINGS

TUBE UNION ELBOW 90°



TUBE SIZE	TUBE SIZE	METRIC
4mm	4mm	QFM11-0404
6mm	6mm	QFM11-0606
8mm	8mm	QFM11-0808
10mm	10mm	QFM11-1010
12mm	12mm	QFM11-1212
16mm	16mm	QFM11-1616

TUBE SIZE	TUBE SIZE	IMPERIAL
1/8"	1/8"	QF11-0303
3/16"	3/16"	QF11-0505
1/4"	1/4"	QF11-0606
3/8"	3/8"	QF11-1010
1/2"	1/2"	QF11-1212

MALE BRANCH TEE



TUBE SIZE	THREAD SIZE	METRIC
4mm	M5	QFM12-04M5
4mm	1/8"	QFM12-0403
4mm	1/4"	QFM12-0406
6mm	M5	QFM12-06M5
6mm	1/8"	QFM12-0603
6mm	1/4"	QFM12-0606
6mm	3/8"	QFM12-0610
8mm	1/8"	QFM12-0803
8mm	1/4"	QFM12-0806
8mm	3/8"	QFM12-0810
10mm	1/8"	QFM12-1003
10mm	1/4"	QFM12-1006
10mm	3/8"	QFM12-1010
10mm	1/2"	QFM12-1012
12mm	1/4"	QFM12-1206
12mm	3/8"	QFM12-1210
12mm	1/2"	QFM12-1212
16mm	3/8"	QFM12-1610
16mm	1/2"	QFM12-1612

TUBE SIZE	THREAD SIZE	IMPERIAL
1/8"	1/8"	QF12-0303
3/16"	1/8"	QF12-0503
3/16"	1/4"	QF12-0506
1/4"	1/8"	QF12-0603
1/4"	1/4"	QF12-0606
1/4"	3/8"	QF12-0610
3/8"	1/4"	QF12-1006
3/8"	3/8"	QF12-1010
3/8"	1/2"	QF12-1012
1/2"	1/4"	QF12-1206
1/2"	3/8"	QF12-1210
1/2"	1/2"	QF12-1212

PUSH FIT TUBE FITTINGS

MALE RUN TEE



TUBE SIZE	THREAD SIZE	METRIC
4mm	M5	QFM13-04M5
4mm	1/8"	QFM13-0403
4mm	1/4"	QFM13-0406
6mm	M5	QFM13-06M5
6mm	1/8"	QFM13-0603
6mm	1/4"	QFM13-0606
6mm	3/8"	QFM13-0610
8mm	1/8"	QFM13-0803
8mm	1/4"	QFM13-0806
8mm	3/8"	QFM13-0810
10mm	1/8"	QFM13-1003
10mm	1/4"	QFM13-1006
10mm	3/8"	QFM13-1010
10mm	1/2"	QFM13-1012
12mm	1/4"	QFM13-1206
12mm	3/8"	QFM13-1210
12mm	1/2"	QFM13-1212
16mm	3/8"	QFM13-1610
16mm	1/2"	QFM13-1612

TUBE SIZE	THREAD SIZE	IMPERIAL
1/4"	1/4"	QF13-0606
1/4"	3/8"	QF13-0610
3/8"	3/8"	QF13-1010
1/2"	1/2"	QF13-1212

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TUBE TEE



TUBE SIZE	TUBE SIZE	METRIC
4mm	4mm	QFM14-0404
6mm	6mm	QFM14-0606
8mm	8mm	QFM14-0808
10mm	10mm	QFM14-1010
12mm	12mm	QFM14-1212
16mm	16mm	QFM14-1616

TUBE SIZE	TUBE SIZE	IMPERIAL
1/8"	1/8"	QF14-0303
3/16"	3/16"	QF14-0505
1/4"	1/4"	QF14-0606
3/8"	3/8"	QF14-1010
1/2"	1/2"	QF14-1212

PUSH FIT TUBE FITTINGS

BULKHEAD UNION



TUBE SIZE	TUBE SIZE	METRIC
4mm	4mm	QFM31-0404
6mm	6mm	QFM31-0606
8mm	8mm	QFM31-0808
10mm	10mm	QFM31-1010
12mm	12mm	QFM31-1212
16mm	16mm	QFM31-1616

TUBE SIZE	TUBE SIZE	IMPERIAL
3/16"	3/16"	QF31-0505
1/4"	1/4"	QF31-0606
3/8"	3/8"	QF31-1010
1/2"	1/2"	QF31-1212

FEMALE BULKHEAD CONNECTOR



TUBE SIZE	THREAD SIZE	METRIC
4mm	1/8"	QFM31F-0403
4mm	1/4"	QFM31F-0406
6mm	1/8"	QFM31F-0603
6mm	1/4"	QFM31F-0606
6mm	3/8"	QFM31F-0610
8mm	1/8"	QFM31F-0803
8mm	1/4"	QFM31F-0806
8mm	3/8"	QFM31F-0810
10mm	1/4"	QFM31F-1006
10mm	3/8"	QFM31F-1010
12mm	3/8"	QFM31F-1210
12mm	1/2"	QFM31F-1212
16mm	3/8"	QFM31F-1610
16mm	1/2"	QFM31F-1612

TUBE SIZE	THREAD SIZE	IMPERIAL
1/4"	1/4"	QF31F-0606
3/8"	3/8"	QF31F-1010
1/2"	3/8"	QF31F-1210
1/2"	1/2"	QF31F-1212

TUBE CAP



TUBE SIZE	METRIC
4mm	QFM33-0004
6mm	QFM33-0006
8mm	QFM33-0008
10mm	QFM33-0010
12mm	QFM33-0012
16mm	QFM33-0016

PUSH FIT TUBE FITTINGS

TUBE CROSS



TUBE SIZE	TUBE SIZE	METRIC
4mm	4mm	QFM37-0004
6mm	6mm	QFM37-0006
8mm	8mm	QFM37-0008
10mm	10mm	QFM37-0010
12mm	12mm	QFM37-0012

TUBE Y-PIECE



TUBE SIZE	TUBE SIZE	METRIC
4mm	4mm	QFM75-0404
6mm	4mm	QFM75-0604
6mm	6mm	QFM75-0606
8mm	8mm	QFM75-0808
10mm	10mm	QFM75-1010
12mm	12mm	QFM75-1212
16mm	16mm	QFM75-1616

TUBE SIZE	TUBE SIZE	IMPERIAL
3/16"	3/16"	QF75-0505
1/4"	1/4"	QF75-0606
3/8"	3/8"	QF75-1010
1/2"	1/2"	QF75-1212

BRANCH Y-UNION



TUBE SIZE	THREAD SIZE	METRIC
4mm	1/8"	QFM76-0403
4mm	1/4"	QFM76-0406
4mm	M5	QFM76-04M5
6mm	1/8"	QFM76-0603
6mm	1/4"	QFM76-0606
6mm	3/8"	QFM76-0610
6mm	M5	QFM76-06M5
8mm	1/8"	QFM76-0803
8mm	1/4"	QFM76-0806
8mm	3/8"	QFM76-0810
10mm	1/4"	QFM76-1006
10mm	3/8"	QFM76-1010
10mm	1/2"	QFM76-1012
12mm	1/4"	QFM76-1206
12mm	3/8"	QFM76-1210
12mm	1/2"	QFM76-1212
16mm	3/8"	QFM76-1610
16mm	1/2"	QFM76-1612

TUBE SIZE	THREAD SIZE	IMPERIAL
3/16"	1/8"	QF76-0503
3/16"	1/4"	QF76-0506
1/4"	1/8"	QF76-0603
1/4"	1/4"	QF76-0606
1/4"	3/8"	QF76-0610
3/8"	1/4"	QF76-1006
3/8"	3/8"	QF76-1010
3/8"	1/2"	QF76-1012
1/2"	1/4"	QF76-1206
1/2"	3/8"	QF76-1210
1/2"	1/2"	QF76-1212

PUSH FIT TUBE FITTINGS

PUSH IN PLUG



TUBE SIZE	METRIC
4mm	QFM64-0004
6mm	QFM64-0006
8mm	QFM64-0008
10mm	QFM64-0010
12mm	QFM64-0012
16mm	QFM64-0016

TUBE SIZE	IMPERIAL
3/16"	QF64-0005
1/4"	QF64-0006
3/8"	QF64-0010
1/2"	QF64-0012

PLUG IN ELBOW 90°



TUBE SIZE	TUBE SIZE	METRIC
4mm	4mm	QFM99-0404
6mm	6mm	QFM99-0606
8mm	8mm	QFM99-0808
10mm	10mm	QFM99-1010
12mm	12mm	QFM99-1212

TUBE SIZE	TUBE SIZE	IMPERIAL
1/4"	1/4"	QF99-0606

PLUG IN REDUCER



TUBE SIZE	TUBE SIZE	METRIC
6mm	4mm	QFM24-0604
8mm	4mm	QFM24-0804
8mm	6mm	QFM24-0806
10mm	4mm	QFM24-1004
10mm	6mm	QFM24-1006
10mm	8mm	QFM24-1008
12mm	6mm	QFM24-1206
12mm	8mm	QFM24-1208
12mm	10mm	QFM24-1210
16mm	10mm	QFM24-1610
16mm	12mm	QFM24-1612

TUBE SIZE	TUBE SIZE	IMPERIAL
3/8"	1/4"	QF24-1006
1/2"	3/8"	QF24-1210

PUSH FIT TUBE FITTINGS

PLUG IN MBSP ADAPTOR



TUBE SIZE	THREAD SIZE	METRIC
4mm	M5	QFMP3-04M5
4mm	1/8"	QFMP3-0403
6mm	M5	QFMP3-06M5
6mm	1/8"	QFMP3-0603
6mm	1/4"	QFMP3-0606
8mm	1/4"	QFMP3-0806
8mm	3/8"	QFMP3-0810
10mm	3/8"	QFMP3-1010

TRIPLE MALE ELBOW MANIFOLD



TUBE SIZE	THREAD SIZE	METRIC
4mm	1/8"	QFM3W-0403
6mm	1/8"	QFM3W-0603
8mm	1/4"	QFM3W-0806
10mm	3/8"	QFM3W-1010
12mm	1/2"	QFM3W-1212

QUAD MALE ELBOW MANIFOLD



TUBE SIZE	THREAD SIZE	METRIC
4mm	1/8"	QFM4W-0403
6mm	1/8"	QFM4W-0603
8mm	1/4"	QFM4W-0806
10mm	3/8"	QFM4W-1010
12mm	1/2"	QFM4W-1212

Also available on request:

Nickel plated, Stainless Steel 316 & Plastic fittings including John Guest
NPT Threaded Connections

AIR PREPARATION

AW SERIES - FILTER REGULATOR KITS



P/AW30-02BG-RFP4318 1/4" FILTER REGULATOR KITS	P/AW40-04BG-XFQ8004 1/2" FILTER REGULATOR KITS
1/4" BSP inlet & outlet Manual Drain 1000kpa gauge Mounting bracket	1/2" BSP inlet & outlet Manual Drain 2000kpa gauge Mounting bracket

AW SERIES - FILTER REGULATOR



Medium: Air

Max Operating Pressure: 1.0 MPa (150 psi)

Working Temperature: -5 to 60°C

Standard Filtration: 5µm

Drain Type: Manual discharge as standard, auto drain available on request

Accessories: Brackets and gauges to suit sold separately

PART NUMBER	SERIES (BODY SIZE)	NOMINAL FLOW RATE (L/min)	PORT SIZE	GAUGE PORT SIZE	SET PRESSURE RANGE
P/AW20-01H-C-A	20	800	1/8"	1/8"	0.05 to 0.70 MPa
P/AW20-02H-C-A		800	1/4"	1/8"	
P/AW30-02H-A	30	1600	1/4"	1/8"	
P/AW30-03H-A		1600	3/8"	1/8"	
P/AW40-02H-A		3000	1/4"	1/8"	
P/AW40-03H-A	40	3000	3/8"	1/8"	
P/AW40-04H-A		3000	1/2"	1/8"	
P/AW40-06H-A		3000	3/4"	1/8"	
P/AW60-06	60	10000	3/4"	1/4"	0.05 to 0.85 MPa
P/AW60-10		10000	1"	1/4"	

*** Nominal flow rates at 0.7 MPa (100 psi) assuming outlet pressure 85% or less of inlet pressure.
Contact our staff for more detailed specifications dependent on application.

AIR PREPARATION

AR SERIES - REGULATOR



Medium: Air
 Max Operating Pressure: 1.0 MPa (150 psi)
 Working Temperature: -5 to 60°C
 Accessories: Brackets and gauges to suit sold separately

PART NUMBER	SERIES (BODY SIZE)	NOMINAL FLOW RATE (L/min)	PORT SIZE	GAUGE PORT SIZE	SET PRESSURE RANGE
P/AR20-01H-A	20	800	1/8"	1/8"	0.05 to 0.70 MPa
P/AR20-02H-A		800	1/4"	1/8"	
P/AR30-03H-A	30	1600	3/8"	1/8"	
P/AR40-04H-A	40	3000	1/2"	1/8"	
P/AR40-06H-A		3000	3/4"	1/8"	
P/AR50-06	50	10000	3/4"	1/4"	
P/AR60-10	60	10000	1"	1/4"	

*** Nominal flow rates at 0.7 MPa (100 psi) assuming outlet pressure 85% or less of inlet pressure. Contact our staff for more detailed specifications dependent on application.

AF SERIES - FILTER



Medium: Air
 Max Operating Pressure: 1.0 MPa (150 psi)
 Working Temperature: -5 to 60°C
 Standard Filtration: 5µm
 Drain Type: Manual discharge as standard, auto drain available on request
 Accessories: Brackets to suit available on request. Filter cartridge elements can be changed quickly

PART NUMBER	SERIES (BODY SIZE)	NOMINAL FLOW RATE (L/min)	PORT SIZE	BOWL CAPACITY (cm ²)
P/AF20-01-C-A	20	1200	1/8"	8
P/AF20-02-C-A		1200	1/4"	8
P/AF30-02-A	30	2600	1/4"	25
P/AF30-03-A		2600	3/8"	25
P/AF40-03-A	40	4400	3/8"	45
P/AF40-04-A		4400	1/2"	45
P/AF40-06-A		5000	3/4"	45
P/AF50-06	50	8000	3/4"	45
P/AF60-10	60	9000	1"	45

*** Nominal flow rates at 0.7 MPa (100 psi) assuming a rule of thumb 0.05 MPa pressure drop. Contact our staff for more detailed specifications dependent on application.

AIR PREPARATION

AL SERIES - LUBRICATOR



Medium: Air

Max Operating Pressure: 1.0 MPa (150 psi)

Working Temperature: -5 to 60°C

Recommended lubricant: Class 1 turbine oil

Accessories: A bowl guard is optional. Brackets to suit sold separately

PART NUMBER	SERIES (BODY SIZE)	NOMINAL FLOW RATE (L/min)	PORT SIZE	BOWL CAPACITY (cm ²)
P/AL20-01H-C-A	20	2500	1/8"	25
P/AL20-02H-C-A		2500	1/4"	25
P/AL30-02-A	30	4800	1/4"	55
P/AL30-03-A		4800	3/8"	55
P/AL40-03-A	40	6200	3/8"	135
P/AL40-04-A		6200	1/2"	135
P/AL40-06-A		6000	3/4"	135
P/AL50-06	50	7500	3/4"	135
P/AL60-10	60	10000	1"	135

*** Nominal flow rates at 0.7 MPa (100 psi) assuming a rule of thumb 0.05 MPa pressure drop.
Contact our staff for more detailed specifications dependent on application.

AC (COMBINATION) SERIES - AIR FILTER + REGULATOR + LUBRICATOR



Medium: Air

Max Operating Pressure: 1.0 MPa (150 psi)

Standard Filtration: 5µm

Working Temperature: -5 to 60°C

Drain Type: Filter with manual drain as standard, auto drain available on request

PART NUMBER	SERIES (BODY SIZE)	PORT SIZE	SET PRESSURE RANGE	
P/AC20-01H-C-A	20	1/8"	0.05 to 0.70 MPa	
P/AC20-02H-C-A		1/4"		
P/AC30-02H-A	30	1/4"		
P/AC30-03H-A		3/8"		
P/AC40-03H-A	40	3/8"		
P/AC40-04H-A		1/2"		
P/AC40-06H-A		3/4"		
P/AC60-06	60	3/4"		0.05 to 0.85 MPa
P/AC60-10		1"		

*** Contact our staff for more detailed specifications dependent on application.

AIR PREPARATION

AFF SERIES - MAIN LINE FILTERS



Application: Mounted to main piping to remove impurities like oil, water and particles in compressed air

Operating Pressure: 0.05 to 1.0 MPa (150 psi)

Working Temperature: -5 to 60°C

Standard Filtration: 3µm

Drain Type: Automatic drain standard

PART NUMBER	PORT SIZE	MAX FLOW (l/min)	MAX FLOW (m3/hr)
P/AFF2C-02D	1/4"	300	18
P/AFF4C-03D	3/8"	750	45
P/AFF8C-04D	1/2"	1500	90
P/AFF11C-06D	3/4"	2200	132
P/AFF22C-10D	1"	3700	222
P/AFF37b-14D	1.1/2"	6000	360
P/AFF75b-20D	2"	12000	720

AMD SERIES - MICRO MIST SEPARATORS



Application: Finest filtration of compressed air

Operating Pressure: 0.05 to 1.0 MPa (150 psi)

Working Temperature: -5 to 60°C

Standard Filtration: 0.01µm

Drain Type: Automatic drain standard

PART NUMBER	PORT SIZE	MAX FLOW (l/min)	MAX FLOW (m3/hr)
P/AMD150C-02D	1/4"	200	12
P/AMD250C-03D	3/8"	500	30
P/AMD350C-06D	1/2"	1000	60
P/AMD450C-03D	3/4"	2000	120
P/AMD550C-06D	1"	3700	222
P/AMD650-03D	1.1/2"	6000	360
P/AMD850-06D	2"	12000	720

AIR PREPARATION

AMG SERIES - WATER SEPARATORS



Application: Water separation rate 99%. Device is self cleaning and therefore maintenance free

Operating Pressure: 0.15 to 1.0 MPa (150 psi)

Working Temperature: -5 to 60°C

Drain Type: Automatic drain

PART NUMBER	PORT SIZE	MAX FLOW (l/min)	SUITABLE COMPRESSOR CAPACITY (Kw)
P/AMG150C-01C	1/8"	300	2.2
P/AMG250C-02D	1/4"	750	5.5
P/AMG350C-03D	3/8"	1500	11
P/AMG350C-04D	1/2"	1500	11
P/AMG450C-04D	1/2"	2200	15
P/AMG550C-06D	3/4"	3500	22
P/AMG650C-10D	1"	6000	37
P/AMG650C-14D	1.1/2"	6000	37
P/AMG850C-20D	2"	12000	75

PRESSURE GAUGES TO SUIT



PART NUMBER	GAUGE TYPE	THREAD SIZE	PRESSURE RANGE
P/G40-K10-01	40mm / BACK ENTRY	1/8"	0-1000 kPa
P/G40-K10-02	40mm / BACK ENTRY	1/4"	0-1000 kPa

Also available on request:

Replacement parts for all items listed
A wider range of filters / regulators / lubricators

SILENCERS

AN SERIES - STANDARD SILENCERS



Max Operating Pressure: 1.0 MPa (150 psi)

Working Temperature: 5 to 60°C

Noise Reduction: 30dB

MALE BSP CONNECTION	PORT SIZE	EFFECTIVE AREA (mm ²)	RECOMMENDED FLOW (m ³ /min)	NOISE REDUCTION
P/AN05-M5	M5	5	0.4 or less	UP TO 30dB
P/AN10-01	1/8"	10	0.8 or less	
P/AN15-02	1/4"	15	1.0 or less	
P/AN20-02	1/4"	35	3.0 or less	
P/AN30-03	3/8"	60	5.0 or less	
P/AN40-04	1/2"	90	8.0 or less	
P/AN500-06	3/4"	160	12.0 or less	
P/AN600-10	1"	270	20.0 or less	

PUSH FIT TUBE CONNECTION	PORT SIZE	EFFECTIVE AREA (mm ²)	RECOMMENDED FLOW (m ³ /min)	NOISE REDUCTION
P/AN05-C06	6mm	7	0.8 or less	UP TO 30dB
P/AN05-C08	8mm	20	3.0 or less	
P/AN05-C10	10mm	30	5.0 or less	
P/AN05-C12	12mm	41	5.0 or less	

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AN SERIES - HIGH NOISE REDUCTION SILENCERS



Max Operating Pressure: 1.0 MPa (150 psi)

Working Temperature: 5 to 60°C

Noise Reduction: 35dB

MALE BSP CONNECTION	PORT SIZE	EFFECTIVE AREA (mm ²)	NOISE REDUCTION
P/AN202-02	1/4"	35	UP TO 35dB
P/AN302-03	3/8"	60	
P/AN402-04	1/2"	90	

FLOW CONTROL

AS SERIES - ELBOW TYPE FLOW CONTROLLERS

Application: Suits Nylon, Polyurethane & Polyethylene tube. Accurate speed control even at low velocity. Body rotates 360° to facilitate easy installation.

Meter Out: Intake air flows freely through the flow control (e.g. allowing smooth unrestricted cylinder extension) however return air is metered out through an adjustment screw (e.g. allowing controlled return of the cylinder under load.)

Meter In: Intake air is metered in through an adjustment screw and return air flows freely.

A locking nut secures the desired setting.

Max Operating Pressure: 1.0 MPa (150 psi)

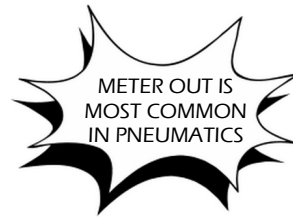
Min Operating Pressure: 0.1 MPa

Working Temperature: -5 to 60°C (with no condensation)

Additional: Also available in Stainless Steel

Flow Direction Symbols on Body

	Meter-out type	Meter-in type
Indication symbol		
Symbol		



METER OUT (GREY KNOB)



METER IN (BLUE KNOB)



PART NUMBER	TUBE SIZE	THREAD SIZE
P/AS1201F-M5-04SA	4mm	M5
P/AS2201F-01-04SA		1/8"
P/AS1201F-M5-06SA	6mm	M5
P/AS2201F-01-06SA		1/8"
P/AS2201F-02-06SA	8mm	1/4"
P/AS2201F-01-08SA		1/8"
P/AS2201F-02-08SA	10mm	1/4"
P/AS3201F-03-08SA		3/8"
P/AS3201F-03-10SA	12mm	3/8"
P/AS4201F-04-10SA		1/2"
P/AS4201F-04-12SA		1/2"

PART NUMBER	TUBE SIZE	THREAD SIZE
P/AS1211F-M5-04SA	4mm	M5
P/AS2211F-01-04SA		1/8"
P/AS1211F-M5-06SA	6mm	M5
P/AS2211F-01-06SA		1/8"
P/AS2211F-02-06SA	8mm	1/4"
P/AS2211F-01-08SA		1/8"
P/AS2211F-02-08SA	10mm	1/4"
P/AS3211F-03-08SA		3/8"
P/AS3211F-03-10SA	12mm	3/8"
P/AS4211F-04-10SA		1/2"
P/AS4211F-04-12SA		1/2"

VALVES

AS SERIES - INLINE FLOW CONTROLLERS



Application: Suits Nylon, Polyurethane & Polyethylene tube. Constant speed easily set.

Max Operating Pressure: 1.0 MPa (150 psi)

Min Operating Pressure: 0.1 MPa

Working Temperature: -5 to 60°C (with no condensation)

PART NUMBER	TUBE SIZE (mm)	PART NUMBER	TUBE SIZE (mm)
P/AS1001F-04-J	4mm	P/AS2051F-08-J	8mm
P/AS2001F-04-J		P/AS3001F-08-J	
P/AS1001F-06-J		P/AS3001F-10-J	
P/AS2001F-06-J	6mm	P/AS4001F-10-J	10mm
P/AS2051F-06-J		P/AS3001F-12-J	
P/AS3001F-06-J		P/AS4001F-12-J	

VH SERIES - 4 PORT MANUALLY OPERATED HAND VALVES



PART NUMBER	ACTUATION TYPE	PORT SIZE	OPERATING PRESSURE	MAX FLOW NI/min (Cv)
P/VH212-02	4 / 2 POSITION	1/4"	1.0 MPa (150 psi)	393 (0.4)
P/VH312-03		3/8"		885 (0.9)
P/VH412-04		1/2"		3.050 (3.1)
P/VH210-02	4 CLOSED CENTRE	1/4"		393 (0.4)
P/VH310-03		3/8"		885 (0.9)
P/VH410-04		1/2"		3.050 (3.1)
P/VH211-02	4 EXHAUST CENTRE	1/4"		393 (0.4)
P/VH311-03		3/8"		885 (0.9)
P/VH411-04		1/2"		3.050 (3.1)

VHS SERIES - 3 PORT VALVES FOR RESIDUAL PRESSURE RELEASE



PART NUMBER	SERIES (BODY SIZE)	PORT SIZE	EXHAUST PORT SIZE
P/VHS20-01	20	1/8"	1/8"
P/VHS20-02		1/4"	1/8"
P/VHS30-02		1/4"	1/4"
P/VHS30-03	30	3/8"	1/4"
P/VHS40-02		1/4"	3/8"
P/VHS40-03		3/8"	3/8"
P/VHS40-04	40	1/2"	3/8"
P/VHS40-06		3/4"	1/2"
P/VHS50-06		3/4"	1/2"
P/VHS50-10	50	1"	1/2"

VALVES

VHK2 SERIES - 2 PORT FINGER VALVES (1/4 TURN ON/OFF)



PUSH FIT ENDS	TUBE SIZE	TUBE SIZE	MALE BSP ENDS	THREAD SIZE	THREAD SIZE
P/VHK2-04F-04F	4mm	4mm	P/VHK2-M5-M5	M5	M5
P/VHK2-06F-06F	6mm	6mm	P/VHK2-01S-01S	1/8"	1/8"
P/VHK2-08F-08F	8mm	8mm	P/VHK2-02S-02S	1/4"	1/4"
P/VHK2-10F-10F	10mm	10mm	P/VHK2-03S-03S	3/8"	3/8"
P/VHK2-12F-12F	12mm	12mm	P/VHK2-04S-04S	1/2"	1/2"

AK SERIES - CHECK VALVES



Max Operating Pressure: 1.0 MPa (150 psi)

Min Operating Pressure: 0.02 MPa (3 psi)

Working Temperature: -5 to 60°C

PART NUMBER	SERIES (BODY SIZE)	PORT SIZE
P/AK2000-01	2000	1/8"
P/AK2000-02		1/4"
P/AK4000-02	4000	1/4"
P/AK4000-03		3/8"
P/AK4000-04		1/2"
P/AK6000-06	6000	3/4"
P/AK6000-10		1"

AKH SERIES - ONE TOUCH CHECK VALVES



Operating Pressure: -100kPa to 1.0 MPa

Working Temperature: -5 to 60°C

PART NUMBER	PORT SIZE
P/AKH04-00	4mm
P/AKH06-00	6mm
P/AKH08-00	8mm
P/AKH10-00	10mm
P/AKH12-00	12mm

AQ SERIES - QUICK EXHAUST VALVES



Max Operating Pressure: 1.0 MPa (150 psi)

Min Operating Pressure: 0.05 MPa (7 psi)

Working Temperature: -5 to 60°C

PART NUMBER	SERIES (BODY SIZE)	PORT SIZE	EFFECTIVE AREA IN (mm ²)	EFFECTIVE AREA OUT (mm ²)
P/AQ2000-01	2000	1/8"	25	25
P/AQ2000-02		1/4"	35	40
P/AQ3000-03	3000	3/8"	60	70
P/AQ5000-04	5000	1/2"	105	115
P/AQ5000-06		3/4"	135	180

ALSO AVAILABLE

VM SERIES - MECHANICALLY / MANUALLY OPERATED 3 PORT VALVES



- 3 PORT SWITCHING VALVE
- 1/8" AND 1/4" PORT SIZE
- SUPERIOR FLOW CAPACITY FOR A LOW HEIGHT
- BASIC VALVE AVAILABLE WITH VARIOUS ACTUATION METHODS

VX2 SERIES - DIRECT OPERATED 2 PORT VALVES FOR WATER (NORMALLY CLOSED)



- SUITABLE FOR WATER BUT CAN BE USED FOR AIR
- AVAILABLE IN STAINLESS STEEL
- BRASS BODY & NBR SEAL
- NORMALLY OPEN VERSIONS ALSO AVAILABLE
- VERSIONS FOR HOT WATER & STEAM ALSO AVAILABLE

SY SERIES - 5 PORT SOLENOID VALVES



- SUITABLE FOR USE IN MACHINE & PROCESS CONTROL PANELS AS WELL AS MOST INDOOR APPLICATIONS
- EXTENSIVE RANGE THAT INCLUDES BASE MOUNT & MANIFOLD VARIANTS
- AVAILABLE IN A VARIETY OF VOLTAGES AND ELECTRICAL CONNECTIONS

VT SERIES - DIRECT OPERATED 3 PORT SOLENOID VALVES



- COMPACT WITH LARGE FLOW CAPACITIES
- LOW POWER CONSUMPTION

CQ2 SERIES - COMPACT CYLINDER

C96 SERIES - STANDARD ISO ROUND TUBE CYLINDERS

CP96 SERIES - STANDARD ISO PROFILE TUBE CYLINDERS



MISCELLANEOUS PNEUMATIC

MANIFOLDS



PART NUMBER	INLET PORT SIZE	OUTLET PORT SIZE	NUMBER OF PORTS
P/MAN-206-B	1/4"	1/4"	2
P/MAN-306-B	1/4"	1/4"	3
P/MAN-406-B	1/4"	1/4"	4
P/MAN-506-B	1/4"	1/4"	5

VMG SERIES - BLOWGUN



Description: Made from high impact shock resistant resin.
Nozzle not supplied with blowgun

Working Pressure: 0 - 145 psi

Working Temperature: -5 to 60°C

PART NUMBER	INLET PORT SIZE
P/BG-VMG1	1/4" FEMALE BSP

**** Please see the following pages for our full range of blow guns*

TUBE CUTTERS



PART NUMBER	DESCRIPTION
P/TK-3	12mm TUBE CUTTERS BLUE

BLOW GUNS








BLOW GUNS





	PART NUMBER	DESCRIPTION
	J/BG-COMMAND	BLOWGUN - COMMAND AIR 100mm NOZZLE PISTOL GRIP 1/4" FEMALE BSP INLET
	J/BG-0500	BRASS BODY BLOWGUN SHORT NOZZLE BUTTON STYLE 1/4" FEMALE BSP INLET
	J/BG-0515	BRASS BODY BLOWGUN LONG NOZZLE BUTTON STYLE 1/4" FEMALE BSP INLET
	J/BG-0640	BLOWGUN DUST MASTER PISTOL GRIP 1/4" FEMALE BSP INLET
	J/BG-0766	BLOWGUN - AIR MASTER 900mm NOZZLE PISTOL GRIP 1/4" FEMALE BSP INLET
	J/BG-0770	BLOWGUN - AIR MASTER 100mm NOZZLE PISTOL GRIP 1/4" FEMALE BSP INLET
	J/BG-0772	***NO LONGER AVAILABLE
	J/BG-0773	***NO LONGER AVAILABLE
	J/BG-0774	BLOWGUN - AIR MASTER 450mm NOZZLE PISTOL GRIP 1/4" FEMALE BSP INLET

BLOW GUNS

BLOW GUNS







	PART NUMBER	DESCRIPTION
	J/BG-0600	BLOWGUN 150mm STANDARD NOZZLE PALM GRIP 1/4" FEMALE BSP INLET
	J/BG-0608	BLOWGUN 450mm STANDARD NOZZLE PALM GRIP 1/4" FEMALE BSP INLET
	J/BG-0610	BLOWGUN CONICAL NOZZLE PALM GRIP 1/4" FEMALE BSP INLET
	J/BG-0615	***NO LONGER AVAILABLE
	J/BG-0620	***NO LONGER AVAILABLE

BLOW GUN ACCESSORIES





	PART NUMBER	DESCRIPTION
	J/BGN-0602	***NO LONGER AVAILABLE
	J/BGN-0609	EXTENSION NOZZLE 450mm WITH ANGLED TIP SUITS: AIR MASTER & PALM GRIP
	J/BGN-0619	EXTENSION NOZZLE 900mm WITH STRAIGHT TIP SUITS: AIR MASTER & PALM GRIP
	J/BGN-0781	SAFE N QUIET NOZZLE (77-84 Db) 110mm WITH ANGLED TIP SUITS: AIR MASTER & PALM GRIP

TYRE INFLATION

SEALING CHUCKS (VALVED)





	PART NUMBER	DESCRIPTION
	J/TI-0400	300 TYRE CHUCK SINGLE ANGLE HOLD ON 1/4" FEMALE BSP
	J/TI-0410	301 TYRE CHUCK SINGLE ANGLE CLIP ON 1/4" FEMALE BSP
	J/TI-0435	303 TYRE CHUCK DUAL ANGLE CLIP ON 1/4" FEMALE BSP
	J/TI-0442	TYRE CHUCK DUAL ANGLE HOLD ON 1/4" FEMALE BSP
	J/TI-0446	TYRE CHUCK SINGLE STRAIGHT CLIP ON 1/4" FEMALE BSP
	J/TI-0472	302 TYRE CHUCK DUAL ANGLE HOLD ON 1/4" FEMALE BSP

NON-SEALING CHUCKS (NON-VALVED)



	PART NUMBER	DESCRIPTION
	J/TI-0447	TYRE CHUCK SINGLE STRAIGHT CLIP ON 1/4" FEMALE BSP
	J/TI-0460	TYRE CHUCK SINGLE ANGLE CLIP ON 1/4" FEMALE BSP
	J/TI-0497	TYRE CHUCK (LARGE BORE) SINGLE STRAIGHT CLIP ON 1/4" FEMALE BSP
	J/TI-2600	3031 TYRE CHUCK SINGLE STRAIGHT CLIP ON WITH HOSETAIL 1/4" HOSE

TYRE INFLATION


TYRE INFLATORS

	PART NUMBER	DESCRIPTION
	J/TI-0135	50mm DIAL UNIT SINGLE STRAIGHT CLIP ON SCALE: 0 - 145psi MAX SUPPLY PRESSURE: 200psi
	J/TI-0140	50mm DIAL UNIT DUAL ANGLE HOLD ON SCALE: 0 - 150psi MAX SUPPLY PRESSURE: 200psi
	J/TI-0523	DIGITAL DISPLAY CLIP ON SCALE: 0 - 174psi MAX SUPPLY PRESSURE: 200psi
	J/TI-2000	TDR 2000 DUAL ANGLE HOLD ON SCALE: 0 - 138psi MAX SUPPLY PRESSURE: 200psi

TYRE GAUGES

	PART NUMBER	DESCRIPTION
	J/TI-2885	EARTH MOVER TYRE GAUGE 50mm DIAL GAUGE SINGLE STRAIGHT LARGE BORE HOLD ON SCALE: 0 - 150psi
	J/TI-2900	50mm DIAL GAUGE SINGLE STRAIGHT HOLD ON SCALE: 0 - 60psi PRESSURE RELEASE TRIGGER.

TYRE VALVE

	PART NUMBER	DESCRIPTION
	V/BR-SHRADER-S03	SHORT TANK VALVE 1/8" MALE BSP ADAPTING BSP TO CAR TYRE VALVE

LIQUID FILLED BOTTOM ENTRY

LIQUID FILLED BOTTOM ENTRY (50mm, 63mm & 100mm)



PSI	KPA	50mm FACE 1/8" BSPT PSI/KPA SCALE	63mm FACE 1/4" BSPT PSI/KPA SCALE	100mm FACE 3/8" BSPT PSI/KPA SCALE
9	60	G/BL-050-0009	-	G/BL-100-0009
14	100	-	G/BL-063-0014	G/BL-100-0014
23	160	-	G/BL-063-0023	G/BL-100-0023
36	250	G/BL-050-0036	G/BL-063-0036	G/BL-100-0036
58	400	G/BL-050-0058	G/BL-063-0058	G/BL-100-0058
87	600	G/BL-050-0087	G/BL-063-0087	G/BL-100-0087
115	800	G/BL-050-0115	G/BL-063-0115	G/BL-100-0115
145	1000	G/BL-050-0145	G/BL-063-0145	G/BL-100-0145
230	1600	G/BL-050-0230	G/BL-063-0230	G/BL-100-0230
360	2500	G/BL-050-0360	G/BL-063-0360	G/BL-100-0360
580	4000	-	G/BL-063-0580	G/BL-100-0580
870	6000	-	G/BL-063-0870	G/BL-100-0870
1450	10000	-	G/BL-063-1450	G/BL-100-1450
2300	16000	-	G/BL-063-2300	G/BL-100-2300
3600	25000	-	G/BL-063-3600	G/BL-100-3600
5800	40000	-	G/BL-063-5800	G/BL-100-5800
8700	60000	-	-	G/BL-100-8700
14500	100000	-	-	G/BL-100-14500
VACUUM		G/VBL-050-0014	G/VBL-063-0014	G/VBL-100-0014

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LIQUID FILLED REAR ENTRY

LIQUID FILLED REAR ENTRY (50mm, 63mm & 100mm)



PSI	KPA	50mm FACE 1/8" BSPT PSI/KPA SCALE	63mm FACE 1/4" BSPT PSI/KPA SCALE	100mm FACE 3/8" BSPT PSI/KPA SCALE
14	100	-	G/RL-063-0014	G/RL-100-0014
23	160	-	G/RL-063-0023	G/RL-100-0023
36	250	G/RL-050-0036	G/RL-063-0036	G/RL-100-0036
58	400	G/RL-050-0058	G/RL-063-0058	G/RL-100-0058
87	600	G/RL-050-0087	G/RL-063-0087	G/RL-100-0087
115	800	G/RL-050-0115	G/RL-063-0115	G/RL-100-0115
145	1000	G/RL-050-0145	G/RL-063-0145	G/RL-100-0145
230	1600	G/RL-050-0230	G/RL-063-0230	G/RL-100-0230
360	2500	G/RL-050-0360	G/RL-063-0360	G/RL-100-0360
580	4000	-	G/RL-063-0580	G/RL-100-0580
870	6000	-	G/RL-063-0870	G/RL-100-0870
1450	10000	-	G/RL-063-1450	G/RL-100-1450
2300	16000	-	G/RL-063-2300	G/RL-100-2300
3600	25000	-	G/RL-063-3600	G/RL-100-3600
5800	40000	-	G/RL-063-5800	G/RL-100-5800
VACUUM		G/VRL-050-0014	G/VRL-063-0014	G/VRL-100-0014

DRY BOTTOM ENTRY

DRY BOTTOM ENTRY (40mm, 50mm, 63mm & 100mm)



PSI	KPA	40mm FACE 1/8" BSPT PSI/KPA SCALE	50mm FACE 1/8" BSPT PSI/KPA SCALE	63mm FACE 1/4" BSPT PSI/KPA SCALE	100mm FACE 3/8" BSPT PSI/KPA SCALE
9	60	-	-	G/BD-063-0009	G/BD-100-0009
14	100	-	G/BD-050-0014	-	G/BD-100-0014
23	160	-	G/BD-050-0023	G/BD-063-0023	G/BD-100-0023
36	250	G/BD-040-0036	-	G/BD-063-0036	G/BD-100-0036
58	400	G/BD-040-0058	-	G/BD-063-0058	G/BD-100-0058
87	600	-	G/BD-050-0087	G/BD-063-0087	G/BD-100-0087
115	800	-	-	G/BD-063-0115	G/BD-100-0115
145	1000	G/BD-040-0145	-	G/BD-063-0145	G/BD-100-0145
230	1600	-	G/BD-050-0230	G/BD-063-0230	G/BD-100-0230
360	2500	-	-	G/BD-063-0360	G/BD-100-0360
580	4000	-	-	G/BD-063-0580	G/BD-100-0580
870	6000	-	-	G/BD-063-0870	G/BD-100-0870
1450	10000	-	-	G/BD-063-1450	G/BD-100-1450
2300	16000	-	-	G/BD-063-2300	G/BD-100-2300
3600	25000	-	-	G/BD-063-3600	G/BD-100-3600
5800	40000	-	-	G/BD-063-5800	G/BD-100-5800
8700	60000	-	-	G/BD-063-8700	G/BD-100-8700
14500	100000	-	-	-	G/BD-100-14500
VACUUM		-	-	G/VBD-063-0014	G/VBD-100-0014

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DRY REAR ENTRY

DRY REAR ENTRY (50mm & 63mm)



PSI	KPA	50mm FACE 1/8" BSPT PSI/KPA SCALE	63mm FACE 1/4" BSPT PSI/KPA SCALE
14	100	-	G/RD-063-0014
23	160	-	G/RD-063-0023
36	250	G/RD-050-0036	G/RD-063-0036
58	400	G/RD-050-0058	G/RD-063-0058
87	600	-	G/RD-063-0087
115	800	-	G/RD-063-0115
145	1000	-	G/RD-063-0145
230	1600	G/RD-050-0230	G/RD-063-0230
360	2500	G/RD-050-0360	G/RD-063-0360
580	4000	-	G/RD-063-0580
870	6000	-	G/RD-063-0870
1450	10000	-	G/RD-063-1450
2300	16000	-	G/RD-063-2300
3600	25000	-	G/RD-063-3600
5800	40000	-	G/RD-063-5800
VACUUM		G/VRD-050-0014	G/VRD-063-0014

GAUGE ACCESSORIES

RUBBER PROTECTOR SHROUD



	PART NUMBER
63mm	G/RB-063-RED
100mm	G/RB-100-BLUE

BRASS GAUGE ADAPTORS



BSPP (F)	BSPT (M)	BSPP FEMALE x BSPT MALE
1/4"	1/8"	G/ADAPT-0603
1/4"	1/4"	G/ADAPT-0606
1/4"	3/8"	G/ADAPT-0610
1/2"	1/4"	G/ADAPT-1206
1/2"	1/2"	G/ADAPT-1212

PANEL MOUNT KIT



	PART NUMBER
40mm	G/PMK-040
50mm	G/PMK-050
63mm	G/PMK-063
100mm	G/PMK-100

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Also available on request:

Full Stainless Steel gauges
 BSPP threaded connections
 Bar / psi dual scale
 Compound gauges
 NATA certification