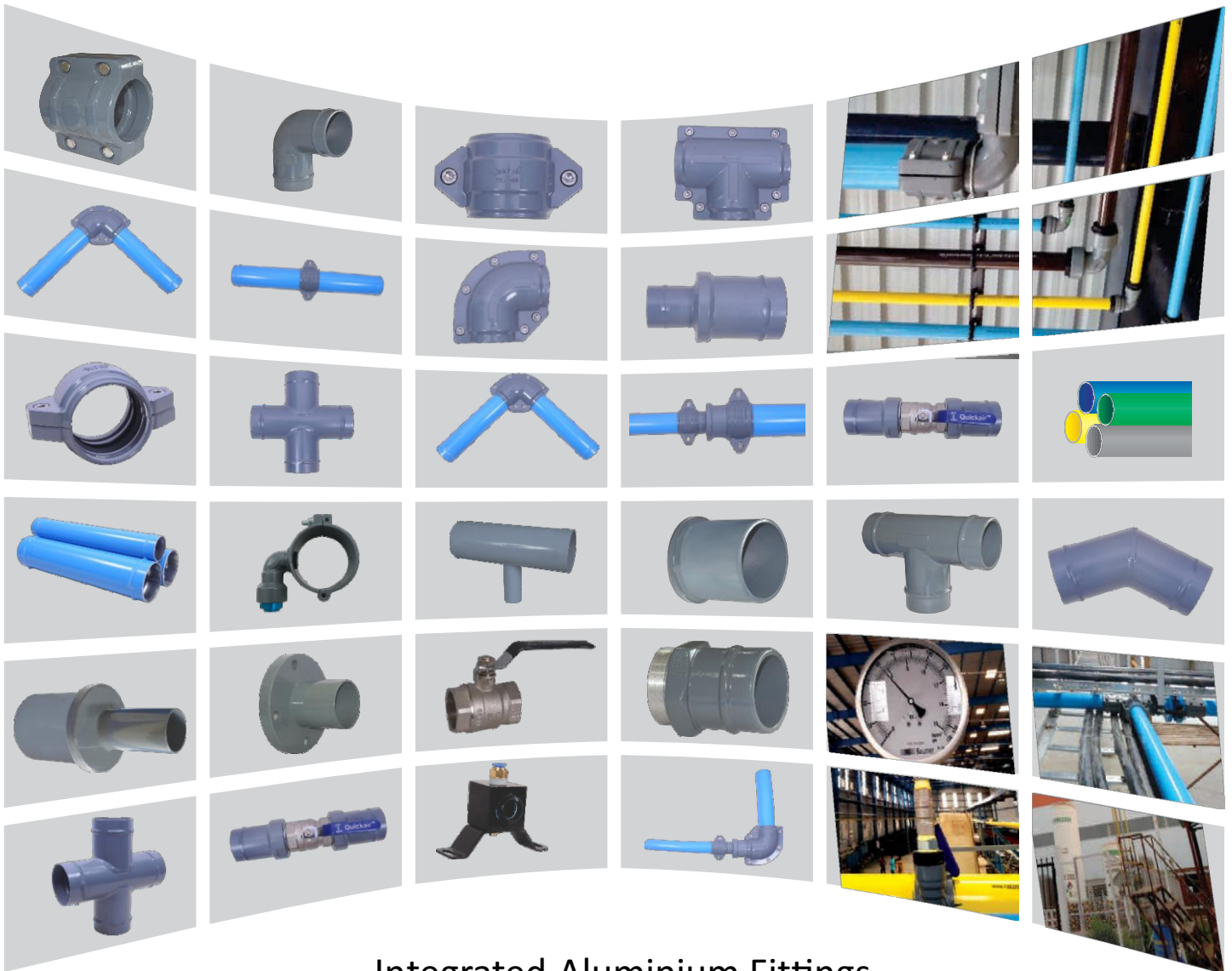




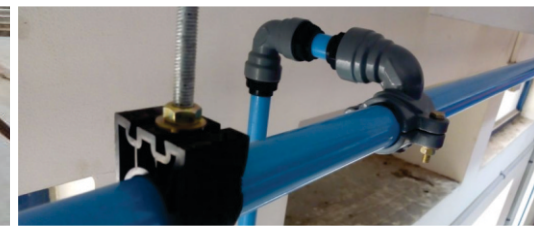
Product Catalogue



Integrated Aluminium Fittings

Redefining Modular Piping

www.canares.com



Quickair™ boasts of Loyal customers across all industrial vertical such as Electrical, Semi-conductor, Food & Pharma Textiles, Engineering, etc.

Few of our biggest customers are



and much more...



CONTENT

	Page
Standards, Approvals And Guarantees	3
Pre - Installation	4
Calculation	5
Testing	6
AP Series	7 - 11
AA Series	12 - 18
SP Series	19 - 23
SA Series	24 - 30
E Series PEX	31 - 34
Manifolds	35 - 36
Wall Bracket	37
Valve	38 - 41
Tools & Clips	42
Accessories	43 - 44
AA & SS Installation	45 - 47

Intruduction

For over 26 years industries have relied upon **Quickair™** for most innovative and dependable modular piping and flow control solutions.

From inception over 26 years ago **Quickair™** has grown to be a major international business with representation all around the world.

We are recognized as designing and building the most reliable product backed up by highly acclaimed customer service.

A genuine long term commitments to customers & partners, under pins our culture engineering excellence making **Quickair™** a consistently dependable choice for products and service

Committed to Innovation

Throughout the company's history our engineers have focused on solving customer challenges and developing new solutions with levels of engineering skills and creativity that our competitors still can't match

Some innovation of adopted immediately, whilst other may require thousands of hours of testing and certification before they can be offer to our customers with every products **Quickair™** develops we can be sure of one thing, the quality and reliability are an integral part.

Quickair™

Modular Piping System

Aluminium | Stainless Steel | Pex

3

Standards, Approvals And Guarantees

It is Canares policy to provide a range of products and services which meets or exceed, the requirements of our customers in respect of quality, cost and delivery.

Guarantees

Our policy of continuously and rigorously testing **Quickair™** fittings means we are confident they will give you years of trouble free service. To demonstrate the total confidence we have in our products and our commitment to customer service all **Quickair™** fittings are guaranteed against manufacturing defects for 10 years when installed in accordance with our instructions on specified tube materials and applications.

The Quickair™ Range Meets The Following Standards

Quickair™ Fittings all **Quickair™** general range fittings are comply with the requirements. ASME B31.1/3 specification for the fittings and tubes specification for tubes and fittings where pressure tight joints are not made on the threads (Metric Dimension).

Quality

Quality is of paramount importance to Canares group. Our products confirm to current Indian and Europe standards where applicable and also meet our own rigorous internal quality approvals. Canares group operates a quality management System for the development, manufacture and supply of fittings, tube, valves and accessories which complies with the requirements of ISO 9001:2015.

Markings Universal Marking

All **Quickair™** fittings carry the marking of manufacturing batch no. Where pipelines are constructed exclusively using **Quickair™** fittings and recommended tubes, the resulting Installation will be deemed **Quickair™** Systems and such qualify for a 10 year guarantee against all manufacturing Defects.

With a wealth of experience and the broadest range of solutions and the systems on the market, Canares **Quickair™** products mean you'll complete your installation as seamlessly, efficiently and effectively as possible.

Total Functionality, Complete Efficiency

Quickair™ range of Products innovatively designed systems that reduce installation time and cost without compromising quality, aesthetics or reliability. Our **Quickair™** product ranges are designed to perform faultlessly in a variety of applications and environments so you can always be sure to connect with confidence whatever your challenge.

Global Experience, Combined Expertise

With over decade years of manufacturing and innovation combined with extensive industry knowledge and worldwide market experience, Canares offers the most advanced and complete Modular piping system on a global scale. As one India's largest and the most respected manufactures and suppliers of products for the plumbing, heating industries and gas piping. Canares group is confident we can provide you with all the connection, control and support your project needs.

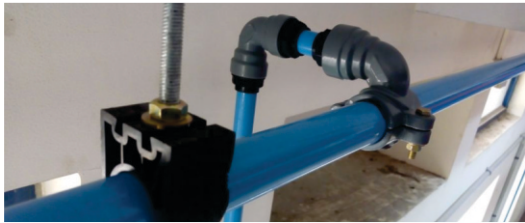


Conformité Européene
(PED 2014/68/EU)

For more information visit
www.canares.com

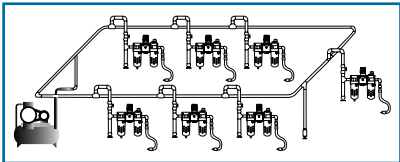


Pre - Installation



Proper line sizing for an network

1. Identify type of network: closed loop or dead-end
2. Calculate total length of line (feet)
3. Determine total flow required



TOTAL LENGTH OF NETWORK

TOTAL FLOW REQUIRED			LENGTH									
			FLOW RATE									
			164	328	429	984	1640	2460	3280	4265	5249	6561
Nm ³ / Hr	NI/ min	cfm	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
			50	100	150	300	500	750	1000	1300	1600	2000
			m	m	m	m	m	m	m	m	m	m
10	167	6	20	20	20	20	20	20	20	25	25	25
30	500	18	20	20	20	25	25	25	25	25	25	32
50	833	29	20	25	25	25	25	25	25	32	32	32
70	1167	41	25	25	25	25	32	32	32	40	40	40
100	1667	59	25	25	32	32	32	40	40	50	50	63
150	2500	88	32	32	32	32	40	40	50	50	63	63
250	4167	147	32	32	40	40	50	50	63	63	76	76
350	5883	206	32	40	40	50	50	63	63	76	76	76
500	8333	294	40	40	50	50	63	63	76	76	76	90
750	12500	441	50	50	63	63	63	76	76	76	90	90
1000	16667	589	50	50	63	63	76	76	76	90	90	90
1250	20841	736	50	63	63	63	76	76	76	90	90	90
1500	25000	883	63	63	63	76	76	76	90	90	90	90
1750	29167	1030	63	63	76	76	76	90	90	90	90	90
2000	33328	1177	63	76	76	76	90	90	90	90	113	113
2500	41683	1472	63	76	76	90	90	90	90	113	113	113
3000	50000	1766	76	76	76	90	90	113	113	168	168	168
3500	58332	2060	76	90	90	113	113	113	168	168	168	168
4000	66657	2354	90	113	113	113	113	168	168	168	168	168
4500	74983	2648	90	113	113	113	168	168	168	168	168	168
5000	83308	2942	90	113	113	168	168	168	168	168	168	168
5500	91661	3237	113	113	113	168	168	168	168	168	168	219
6000	99986	3531	113	113	168	168	168	168	168	168	219	219
6500	108311	3825	168	168	168	168	168	168	168	219	219	219
7000	119978	4237	168	168	168	168	168	219	219	219	219	219
8000	133315	4708	219	219	219	219	219	219	219	219	219	219

- Calculations based on total maximum pressure drop (ΔP) of not more than 3 PSIG for entire network, at 100 PSIG @ 15.6 °C
- Total flow required takes account of all flows for all compressed air powered tools and equipment
- Note that a typical compressor will produce approximately 4 SCFM per HP



WARNING

Installation of QuickairTM compressed air distribution system must be made according to the assembly instructions as indicated in the installation guide (available on request or on the website)



Calculation

Flow Calculator

The **Quickair™** flow calculator helps you to choose the most suitable diameter for your installation.

Enter the flow of your compressor, the system pressure rating and the total equivalent length of the system and add the components like valves, elbow, tee and reducers.

Example:

Flow Rate: 850 cfm at 109 psi

Total area: 1788 feet

The recommended **Quickair™** diameter is 90mm size (pressure drop of 145 psi=less then 5%)

PRESSURE DROP COMPONENTS		PRESSURE DROP ON STRAIGHT LINE	
	No of Ball Valve	Pressure Drop	
	No of Elbows	Pipe Length. L mtrs	
	No of Equal tee	Pipe Dia. D mm	
	No of Reducers	Free Air Flow Rate *cfm	
	TOTAL =	Pipeline Pressure bar	
CALCULATE CLEAR		CALCULATE CLEAR	
TOTAL PRESSURE DRO		GRAND TOTAL	

COST OF POWER CALCULATION			
BHP	Electrical Rate	Rs/Yr.	CALCULATE
No of Hr/Yr	Motor Efficiency	%	CLEAR

From above you can calculate cost of power for producing the compressed air. Visit: www.canares.com for live calculation.

Pipeline Systems

The **Quickair™** pipe line system has been designed and built for installation of compressed air and inert gas distribution system.

The materials and types of fittings used offer a flexible system that can be integrated with all **Quickair™** Systems and solve all the problems and meet all the requirements of even the most complex systems.

Innovative technology at the heart of **Quickair™** enables rapid and easy assembly, quick connection of components to the Aluminium pipes.

Profitable And Efficient Alternative

Quickair™ offers a cost effective, innovative and energy efficient aluminium, Stainless Steel, Pex compressed air / Inertgas modular piping system that is very easy to assemble, Change and expand furthermore, labour accounts for only 20% of the cost of installing **Quickair™** by comparison labour account for welding 60 to 80% and for brazing 50 to 70%

Quickair™ OFFERS

- Lower installation cost
- Push-Fit concept
- No corrosion
- Modular design
- 20mm-205mm dia pipe sizes
- Re-usable fittings
- Easy to install

Testing

Quickair™ Piping Precautions And Testing

Care should be taken to protect pipes against mechanical shocks especially when close to the passage of fork-lift trucks where suspended objects are being moved. **Quickair™** pipes must not be bent or welded.

Testing Procedure (ASME B31.3)

- The gas test pressure shall not be less than 1.2 nor more than 1.5 times the design pressure of the piping system. It shall not exceed the maximum allowable test pressure of any Non-Isolated component.
- The pressure in the system shall gradually increased to not more than ½ of the test pressure, the pressure shall be continuously maintained for a minimum time of 10 minutes.
- Than it shall be reduced to the lower of design pressure or 100psig (700kPa[Gage]) and held for such time as may be necessary to conduct examination for leakage. for leak test by soap bubble or equivalent method shall be made of all joint and connections.



Optimum Flow, Highest Air Quality & Low Maintenance

Quickair™ smooth calibrated Aluminium, Stainless Steel, Pex construction has a low friction co-efficient, providing the best possible laminar flow. Full bore fittings further minimize pressure drop for optimum flow and energy efficiency. Leak free connectors prevent air loss and wasted energy. **Quickair™** is ideal for installations requiring the highest quality air / Inertgas. **Quickair™** material will not rust or corrode. Further, it has no rough surfaces or interior restrictions that accumulate contaminants. The smooth interior with full bore design allows them to offer you energy efficiency.

The **Quickair™** pipe line includes all the accessories you need for a top quality installation:

- Straight unions
- Elbows and tees
- Equal cross
- Reducing fittings
- Integrated loop drop
- Ball valves
- Quick assembly brackets and hangers
- Pipe clips
- Expansion and flex hoses
- FRL
- QRC

Where As **Quickair™** Offers Features Includes

Installs faster than other common piping
No specialized techniques needed
No threading, welding, or brazing pipe
No special tools are needed
Can connect to existing systems with other pipe types
Easy to add on to or disassemble for your changing needs

Technical Specification Quickair™ Piping System

Application	Compressed air, vacuum, nitrogen, Argon (other fluids & gases please contact Us)
Pressure	Max 40 bar
Vacuum	29.32" hg
Temperature	-20°C to 200°C
Design Standard	ASME B 31.1/3

Materials of Construction of Aluminium pipe

Alloy	Aluminium Alloy 6063 T5
Tolerance	Tolerance Std. IS2763, IS3965, EN-755-2
Color	Blue coated (RAL 5012) other color on request
Surface finish	60 microns

Material of Construction of Fittings

Size	20– 205mm
Body	Aluminium
Oring	HNBR/EPDM (for other option please consult)
BOLT	SS ALLEN BOLT

Application: Compressed air, nitrogen, Vacuum, Co₂
for any other application Please contact.

Note: All products are 100% Tested

Chemical Composition of Aluminium Tubes

Alloy	6063
Al	Rest
Mg	0.35~0.6
Si	0.35~0.6
Fe	0.3
Mn	0.1
Zn	0.1
Cu	0.1
Impure	0.05~0.15

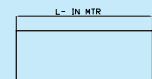
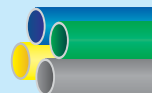
Fittings

Quickair™ Fittings provides versatility of design and helps to overcome constraints often encountered with structure of industrial buildings

Quick Connections
Full bore design
Interchangeable and reusable
Non-flammable materials (UL94HB)
Maximum working pressure: 40 bar
Vacuum: 29.32" hg
Normal working temperature: -20 °c to 180 °c (option upto 200 °c)

PIPE AP24

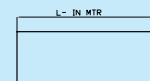
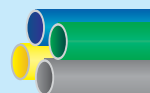
Design Standard : ASME B 31.1/3
Standard Colour : 1) Blue, 2) Yellow, 3) Grey, 4) Green.
Other Colours are optional.



PART NO.	COLORS	SIZE	Thickness (mm)	METER	PN (bar)	Weight
HP24200016	Blue	20mm	1.60	6	40	1.194
HP24250016	Blue	25mm	2.50	6	40	1.794
HP24400016	Blue	40mm	3	6	40	3.870
HP24500016	Blue	50mm	3	6	40	4.884
HP24630016	Blue	63mm	3	6	40	6.210
HP24200013	Blue	20mm	1.60	3	40	0.597
HP24250013	Blue	25mm	2.50	3	40	0.897
HP24400013	Blue	40mm	3	3	40	1.935
HP24500013	Blue	50mm	3	3	40	2.442
HP24630013	Blue	63mm	3	3	40	3.105

PIPE AP24

Design Standard : ASME B 31.1/3
Standard Colour : 1) Blue, 2) Yellow, 3) Grey, 4) Green.
Other Colours are optional.

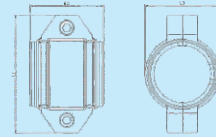


PART NO.	COLORS	SIZE (in / mm)	Ø (mm)	METER	PN (bar)	Weight
HP24760016	Blue	76.2mm	3.18	6	40	7.58
HP24760013	Blue	3"/90	3.18	3	40	3.79
HP24300016	Blue	4"/113.5	3.50	6	40	11.100
HP24410016	Blue	6"/168.3	3.00	6	40	18.000
HP24600016	Blue	8"/205	4.50	6	40	28.800
HP24800016	Blue	76.2mm	5.00	6	40	33.060
HP24300013	Blue	3"/90	3.50	3	40	5.550
HP24410013	Blue	4"/113.5	3.00	3	40	9.000
HP24600013	Blue	6"/168.3	4.50	3	40	14.400
HP24800013	Blue	8"/205	5.00	3	40	16.530

* For example : 40mm Blue pipe: HP24400013, for Yellow HP24400023, for Grey HP24400033, for Green HP24400043.

COMPACT COUPLER

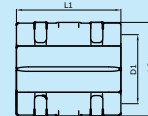
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Aluminium



PART NO.	SIZE	L1(mm)	L2(mm)	L3(mm)	PN (bar)	Weight (kg)
PC16242000	20MM	60	65	33	40	0.1
PC16242500	25MM	72	65	38	40	0.12
PC16244000	40MM	95	65	56	40	0.18
PC16245000	50MM	105	65	66	40	0.2
PC16246300	63MM	118	70	80	40	0.25
PC16247600	76MM	148	80	95	40	0.5
PC16243000	90MM	162	80	109	40	0.52

PIPE TO PIPE CONNECTOR

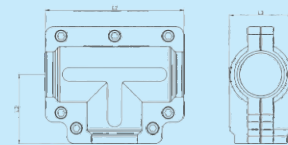
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Aluminium



PART NO.	SIZE	D1(mm)	L1(mm)	L2(mm)	PN (bar)	Weight (kg)
PC244100	4"	114.3	150	137	40	2.320
PC246000	6"	168.3	170	196	40	4.750
PC248000	8"	205	200	246	40	10.00

INTIGRATED TEE

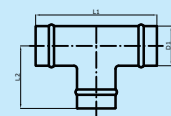
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Aluminium



PART NO.	SIZE	L1(mm)	L2(mm)	L3(mm)	PN (bar)	Weight (kg)
IT16242000	20MM	106	53	33	40	0.28
IT16242500	25MM	108	54	38	40	0.28
IT16244000	40MM	138	69	57	40	0.55
IT16245000	50MM	148	74	67	40	0.6
IT16246300	63MM	168	84	81	40	0.81
IT16247600	76MM	196	98	97	40	1.05
IT16243000	90MM	245	125	113	40	3

EQUAL TEE

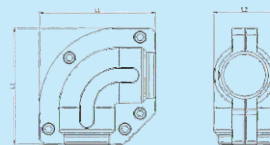
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Aluminium



PART NO.	SIZE	D1(mm)	L1(mm)	L2(mm)	PN (bar)	Weight (kg)
ET244100	4"	114.3	330	165	40	2.16
ET246000	6"	168.3	400	200	40	6.00
ET248000	8"	205	500	250	40	10.00

INTIGRATED ELBOW

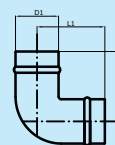
Design Standard : ASME B 31.1/3
MOC:- Aluminium with Aluminium



PART NO.	SIZE	L1 (mm)	L2 (mm)	PN (bar)	Weight (Kg)
IE16242000	20MM	84	33	40	0.22
IE16242500	25MM	87	38	40	0.35
IE16243200	32MM	106	48.5	40	0.36
IE16244000	40MM	115	57	40	0.45
IE16245000	50MM	125	67	40	0.55
IE16246300	63MM	142	81	40	0.65
IE16247600	76MM	163	97	40	0.85
IE16243000	90MM	203	113	40	2.5

ELBOW

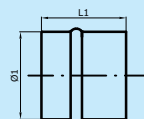
Design Standard : ASME B 31.1/3
MOC:- Aluminium with Aluminium



PART NO.	SIZE	D1 (mm)	L1 (mm)	PN (bar)	Weight (kg)
EL244100	4"	114.3	165	40	1.53
EL246000	6"	168.3	200	40	5.00
EL248000	8"	205	250	40	9.00

INTIGRATED END CAP

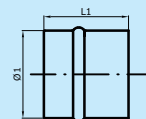
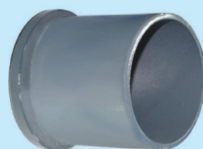
Design Standard : ASME B 31.1/3
MOC:- Aluminium with Aluminium



PART NO.	SIZE	D1 (mm)	D2 (mm)	L3 (mm)	PN (bar)	Weight (kg)
EC16242000	20MM	20	30	42	40	0.03
EC16242500	25MM	25	35	42	40	0.05
EC16244000	40MM	40	45	42	40	0.25
EC16245000	50MM	50	55	45	40	0.29
EC16246300	63MM	63	68	45	40	0.37
EC16247600	76MM	76	81	60	40	0.67
EC16243000	90MM	90	95	100	40	0.78

ENDCAP

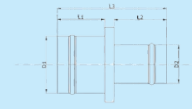
Design Standard : ASME B 31.1/3
MOC:- Aluminium with Aluminium



PART NO.	SIZE	D1 (mm)	L1 (mm)	PN (bar)	Weight (kg)
EC244100	4"	114.3	110	40	2.43
EC246000	6"	168.3	130	40	3.2
EC248000	8"	205	150	40	4.5

INTEGRATED REDUCER

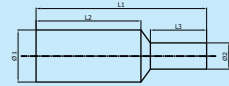
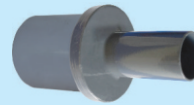
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Aluminium



PART NO.	SIZE	D1 (mm)	Ø(mm)	L1(mm)	L2 (mm)	L3 (mm)	PN (bar)	Weight (kg)
RD16242520	25MM X 20MM	25	20	151	75.5	241.5	40	0.119
RD16244020	40MM X 20MM	40	20	166	82	264	40	0.169
RD16244025	40MM X 25MM	40	25	166	82	264	40	0.189
RD16245020	50MM X 20MM	50	20	189	94.5	298.5	40	0.28
RD16245025	50MM X 25MM	50	25	189	94.5	298.5	40	0.3
RD16245040	50MM X 40MM	50	40	189	94.5	298.5	40	0.33
RD16246320	63MM X 20MM	63	20	206	103	324	40	0.44
RD16246325	63MM X 25MM	63	25	206	103	324	40	0.46
RD16246340	63MM X 40MM	63	40	206	103	324	40	0.49
RD16246350	63MM X 50MM	63	50	206	103	324	40	0.55
RD16247640	76MM X 40MM	76	40	135	55	70	40	0.25
RD16247650	76MM X 50MM	76	50	145	55	85	40	0.265
RD16247663	76MM x 63MM	76	63	161	55	96	40	0.275
RD16243040	3" x 40MM	90	40	175	95	70	40	0.529
RD16243050	3" x 50MM	90	50	190	95	85	40	0.576
RD16243063	3" x 63MM	90	63	201	95	96	40	0.63

REDUCER

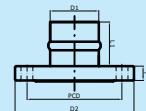
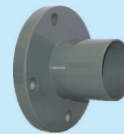
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Aluminium



PART NO.	SIZE	D1 (mm)	Ø(mm)	L1(mm)	L2 (mm)	L3 (mm)	PN (bar)	Weight (kg)
RD244140	4" x 40MM	114.3	40	195	115	70	40	0.797
RD244150	4" x 50MM	114.3	50	210	115	85	40	0.844
RD244163	4" x 63MM	114.3	63	215	115	90	40	0.884
RD244130	4" x 3"	114.3	90	220	115	95	40	0.947
RD246040	6" x 40MM	168.3	40	225	145	70	40	1.49
RD246050	6" x 50MM	168.3	50	240	145	85	40	1.536
RD246063	6" x 63MM	168.3	63	245	145	90	40	1.576
RD246030	6" x 3"	168.3	90	250	145	95	40	1.639
RD246041	6" x 4"	168.3	114.3	270	145	115	40	1.762
RD248040	8" x 40MM	205	40	235	155	70	40	2.181
RD248050	8" x 50MM	205	50	250	155	85	40	2.227
RD248063	8" x 63MM	205	63	255	155	90	40	2.267
RD248030	8" x 3"	205	90	260	155	95	40	2.33
RD248041	8" x 4"	205	114.3	280	155	115	40	2.453
RD248060	8" x 6"	205	168.3	310	155	145	40	2.707

INTEGRATED FLANGED END

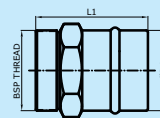
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Aluminium



PART NO.	SIZE	D1(mm)	L1(mm)	T(mm)	PCD (mm)	Ø(mm)	PN (bar)	Weight (kg)
FE16245000	50MM	76.2	55	20.7	139.7	180	40	1.1
FE16246300	63MM	90	95	23.8	152.4	190.5	40	1.32
FE16247600	76MM	76.2	55	20.7	139.7	180	40	1.5
FE16243000	90MM	90	95	23.8	152.4	190.5	40	1.820
FE244100	4"	114.3	115	23.8	190.5	228.6	40	2.43
FE246000	6"	168.3	145	25.4	241.3	279.4	40	2.9
FE248000	8"	219.1	155	28.4	298.4	342.9	40	4.00

INTEGRATED MALE CONNECTOR

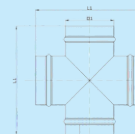
Design Standard : ASME B 31.1/3
MOC:- Aluminium with Aluminium



PART NO.	SIZE	D1(mm)	L1(mm)	BSP	PN (bar)	Weight (kg)
MC16242005	20MM X 0.5"	20	59	1/2"	40	0.04
MC16242007	20MM X 0.7"	25	59	3/4"	40	0.05
MC16242505	25MM X 0.5"	25	60	1/2"	40	0.04
MC16242507	25MM X 0.7"	25	60	3/4"	40	0.05
MC16242510	25MM X 1"	25	62	1"	40	0.08
MC16244010	40MM X 1"	40	65	1"	40	0.45
MC16244015	40MM X 1.5"	40	67	1 1/2"	40	0.59
MC16245020	50MM X 1.5"	50	67	1 1/2"	40	0.75
MC16246320	63MM X 2"	63	70	2"	40	1.03
MC16246325	63MM X 2.5"	63	73	2 1/2"	40	1.12
MC16247625	76MM X 2.5"	76	85	2 1/2"	40	1.48
MC16247630	76MM X 3"	76	85	3"	40	1.83
MC16243025	90MM X 2.5"	90	100	2 1/2"	40	3.09
MC16243030	90MM X 3"	90	100	3"	40	3.65

INTEGRATED 4 WAY TEE

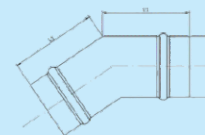
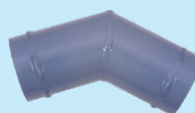
Design Standard : ASME B 31.1/3
MOC:- Aluminium with Aluminium



PART NO.	SIZE	L1 (mm)	D1 (mm)	PN (bar)	Weight (Kg)
4T16242000	20	90	20	40	0.22
4T16242500	25	110	25	40	0.35
4T16244000	40	130	40	40	0.45
4T16245000	50	140	50	40	0.55
4T16246300	63	160	63	40	0.65
4T16247600	76	200	76	40	0.85
4T16243000	90	260	90	40	2.5

INTEGRATED 45 DEG ANGLE ELBOW

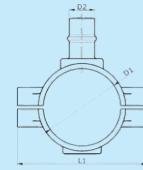
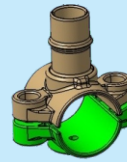
Design Standard : ASME B 31.1/3
MOC:- Aluminium with Aluminium



PART NO.	SIZE	L1 (mm)	D1 (mm)	PN (bar)	Weight (Kg)
AE16242000	20	75	20	40	0.22
AE16242500	25	75	25	40	0.35
AE16244000	40	85	40	40	0.45
AE16245000	50	90	50	40	0.55
AE16246300	63	100	63	40	0.65
AE16247600	76	110	76	40	0.85
AE16243000	90	115	90	40	2.5

INTEGRATED MALE DROPLET

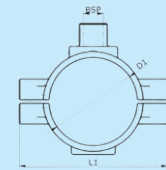
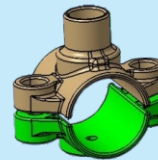
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Aluminium



PART NO.	SIZE	L1 (mm)	D2 (mm)	PN (bar)	Weight (Kg)
SDM16242520	25	65	20	40	0.09
SDM16244020	40	82	20	40	0.14
SDM16244025	40	82	25	40	0.14
SDM16245020	50	94	20	40	0.15
SDM16245025	50	94	25	40	0.15
SDM16246320	63	107	20	40	0.17
SDM16246325	63	107	25	40	0.17
SDM16247620	76	128	20	40	0.30
SDM16247625	76	128	25	40	0.30
SDM16243020	30	138	20	40	0.31
SDM16243025	30	138	25	40	0.31
SDM16244120	41	164	20	40	0.33
SDM16244125	41	164	25	40	0.33
SDM16246020	60	222	20	40	0.44
SDM16246025	60	222	25	40	0.44
SDM16248020	80	274	20	40	0.72
SDM16248025	80	274	25	40	0.72

INTEGRATED MALE DROPLET

Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Aluminium



PART NO.	SIZE	L1 (mm)	D2 (mm)	PN (bar)	Weight (Kg)
SDF242505	25	65	20	40	0.09
SDF242507	40	82	20	40	0.14
SDF244005	40	82	25	40	0.14
SDF244007	50	94	20	40	0.15
SDF244010	50	94	25	40	0.15
SDF245005	63	107	20	40	0.17
SDF245007	63	107	25	40	0.17
SDF245010	76	128	20	40	0.30
SDF246305	76	128	25	40	0.30
SDF246307	30	138	20	40	0.31
SDF246310	30	138	25	40	0.31
SDF247605	41	164	20	40	0.33
SDF247607	41	164	25	40	0.33
SDF247610	60	222	20	40	0.44
SDF243005	60	222	25	40	0.44
SDF243007	80	274	20	40	0.72
SDF243010	80	274	25	40	0.72
SDF244105	76	128	25	40	0.30
SDF244107	30	138	20	40	0.31
SDF244110	30	138	25	40	0.31
SDF246005	41	164	20	40	0.33
SDF246007	41	164	25	40	0.33
SDF246010	60	222	20	40	0.44
SDF248005	60	222	25	40	0.44
SDF248007	80	274	20	40	0.72
SDF248010	80	274	25	40	0.72

MANIFOLD With Mini Ball Valve

Design Standard : ASME B 31.1/3



PART NO.	SIZE	Outlets	PN (bar)	L1	L2	Weight (Kg)
GM321204	1 1/4" (32)	4	20	600	125	10
GM321206	1 1/4" (32)	6	20	600	125	10
GM401504	1 1/2" (40)	4	20	600	130	12
GM401506	1 1/2" (40)	6	20	600	130	12
GM502004	2" (50)	4	20	600	135	15
GM502006	2" (50)	6	20	600	135	15
GM632504	2 1/2" (63)	4	20	600	140	18
GM632506	2 1/2" (63)	6	20	600	140	18

MANIFOLD With Inbuilt Valve

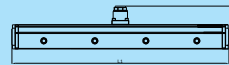
Design Standard : ASME B 31.1/3



PART NO.	SIZE	Outlets	PN (bar)	L1	L2	Weight (Kg)
GMIBV321204	1 1/4" (32)	4	20	600	125	10
GMIBV321206	1 1/4" (32)	6	20	600	125	10
GMIBV401504	1 1/2" (40)	4	20	600	130	12
GMIBV401506	1 1/2" (40)	6	20	600	130	12
GMIBV502004	2" (50)	4	20	600	135	15
GMIBV502006	2" (50)	6	20	600	135	15
GMIBV632504	2 1/2" (63)	4	20	600	140	18
GMIBV632506	2 1/2" (63)	6	20	600	140	18

MANIFOLD With Mini Ball Valve Vertical

Design Standard : ASME B 31.1/3

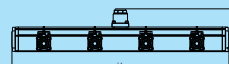


PART NO.	SIZE	Outlets	PN (bar)	L1	L2	Weight (Kg)
GM321204	1 1/4" (32)	4	20	600	125	10
GM321206	1 1/4" (32)	6	20	600	125	10
GM401504	1 1/2" (40)	4	20	600	130	12
GM401506	1 1/2" (40)	6	20	600	130	12
GM502004	2" (50)	4	20	600	135	15
GM502006	2" (50)	6	20	600	135	15
GM632504	2 1/2" (63)	4	20	600	140	18
GM632506	2 1/2" (63)	6	20	600	140	18

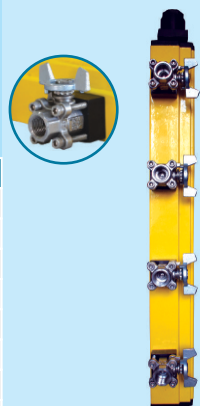


MANIFOLD With Inbuilt Valve Vertical

Design Standard : ASME B 31.1/3



PART NO.	SIZE	Outlets	PN (bar)	L1	L2	Weight (Kg)
GMIBV321204	1 1/4" (32)	4	20	600	125	10
GMIBV321206	1 1/4" (32)	6	20	600	125	10
GMIBV401504	1 1/2" (40)	4	20	600	130	12
GMIBV401506	1 1/2" (40)	6	20	600	130	12
GMIBV502004	2" (50)	4	20	600	135	15
GMIBV502006	2" (50)	6	20	600	135	15
GMIBV632504	2 1/2" (63)	4	20	600	140	18
GMIBV632506	2 1/2" (63)	6	20	600	140	18



MANIFOLD

Design Standard : ASME B 31.1/3



PART NO.	SIZE	Outlets	PN (bar)	L1	L2	Weight (Kg)
CAMF200504	20	4	20	260	110	3
CAMF200505	20	5	20	260	110	3
CAMF200506	20	6	20	260	110	3
CAMF250504	25	4	20	260	110	3
CAMF250505	25	5	20	260	110	3
CAMF250506	25	6	20	260	110	3

MANIFOLD WITH MINI BALL VALVE

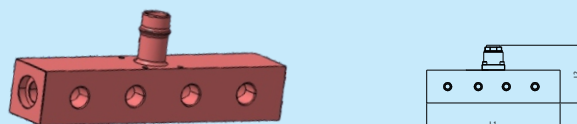
Design Standard : ASME B 31.1/3



PART NO.	SIZE	Outlets	PN (bar)	L1	L2	Weight (Kg)
CAMF200504MB05	20	4	20	260	110	3
CAMF200505MB05	20	5	20	260	110	3
CAMF200506MB05	20	6	20	260	110	3
CAMF250504MB05	25	4	20	260	110	3
CAMF250505MB05	25	5	20	260	110	3
CAMF250506MB05	25	6	20	260	110	3

INTEGRATED MANIFOLD

Design Standard : ASME B 31.1/3



PART NO.	SIZE	Outlets	PN (bar)	L1	L2	Weight (Kg)
CAMF16200504	20	4	40	260	110	3
CAMF16200505	20	5	40	260	110	3
CAMF16200506	20	6	40	260	110	3
CAMF16250504	25	4	40	260	110	3
CAMF16250505	25	5	40	260	110	3
CAMF16250506	25	6	40	260	110	3

INTEGRATED MANIFOLD WITH MINI BALL VALVE

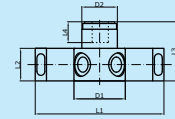
Design Standard : ASME B 31.1/3



PART NO.	SIZE	Outlets	PN (bar)	L1	L2	Weight (Kg)
CAMF16200504MB05	20	4	40	260	110	3
CAMF16200505MB05	20	5	40	260	110	3
CAMF16200506MB05	20	6	40	260	110	3
CAMF16250504MB05	25	4	40	260	110	3
CAMF16250505MB05	25	5	40	260	110	3
CAMF16250506MB05	25	6	40	260	110	3

WALL BRACKET ½" OUTLET 2WAY

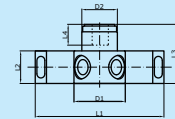
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Engineering Plastic



PART NO.	SIZE	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	PN (bar)	Weight (kg)
WB242005	20mm x 0.5"	68	36	140	40	79	43	20	0.550
WB242505	25mm x 0.5"	68	42	140	40	79	45	20	0.570

WALL BRACKET ½" OUTLET 2WAY With MINI BALL VALVE

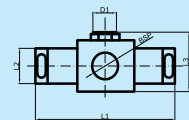
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Engineering Plastic



PART NO.	SIZE	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	PN (bar)	Weight (kg)
WB242005MB05	20mm x 0.5"	68	36	140	40	79	43	20	0.550
WB242505MB05	25mm x 0.5"	68	42	140	40	79	45	20	0.570

SINGLE WAY WALL BRACKET

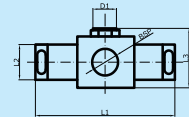
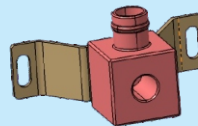
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Engineering Plastic



PART NO.	SIZE	D1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	PN (bar)	Weight (kg)
WB24012005	20mm x 0.5"	20	120	42	65	20	0.525
WB24012505	25mm x 0.5"	25	120	42	65	20	0.550

INTEGRATED SINGLE WAY WALL BRACKET

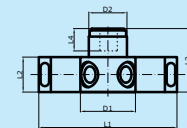
Design Standard : ASME B 31.1/3
 MOC:- Aluminium with Engineering Plastic



PART NO.	SIZE	D1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	PN (bar)	Weight (kg)
WB24012005	20mm x 0.5"	20	120	42	65	20	0.525
WB24012505	25mm x 0.5"	25	120	42	65	20	0.550

WALL BRACKET ½" OUTLET 2WAY

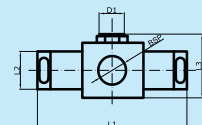
XX:- SS304:-02, SS316:-03
 Design Standard: ASME B 31.1/3



PART NO.	SIZE	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	PN (bar)	Weight (kg)
WBXX2005	20mm	68	36	140	40	79	43	20	0.796
WBXX2505	25mm	68	42	140	40	79	45	20	1.215

SINGLE WAY WALL BRACKET

XX:- SS304:-02, SS316:-03
 Design Standard: ASME B 31.1/3

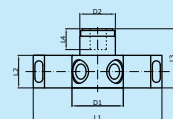
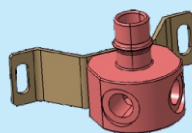


PART NO.	SIZE	D1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	PN (bar)	Weight (kg)
WBXX012005	20mm	20	120	42	65	20	0.726
WBXX012506	25mm	25	120	42	65	20	0.731

INTEGRATED WALL BRACKET 1/2" OUTLET 2WAY

Design Standard : ASME B 31.1/3

MOC:- Aluminium with Engineering Plastic

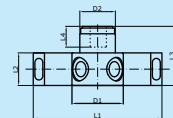


PART NO.	SIZE	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	PN (bar)	Weight (kg)
WB242005	20mm x 0.5"	68	36	140	40	79	43	20	0.550
WB242505	25mm x 0.5"	68	42	140	40	79	45	20	0.570

INTEGRATED WALL BRACKET 2WAY With MINI BALL VALVE

Design Standard : ASME B 31.1/3

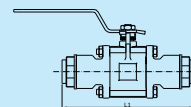
MOC:- Aluminium with Engineering Plastic



PART NO.	SIZE	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	PN (bar)	Weight (kg)
WB242005MB05	20mm x 0.5"	68	36	140	40	79	43	20	0.550
WB242505MB05	25mm x 0.5"	68	42	140	40	79	45	20	0.570

3 Piece INLINE BALL VALVE

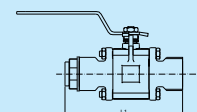
Design Standard : ASME B 31.1/3



PART NO.	SIZE (mm)	PN (bar)	L1 (mm)	Weight (kg)
BF242000	20	20	135	1
BF242500	25	20	168	2.1
BF243200	32	20	199	2.8
BF244000	40	20	202	3.2
BF245000	50	20	204	4.5
BF246300	63	20	224	7.37

3 Piece INLINE MALE BALL VALVE

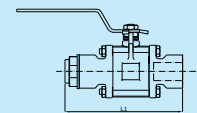
Design Standard : ASME B 31.1/3



PART NO.	SIZE (mm)	PN (bar)	L1	Weight (Kg)
BF24M2007	20	20	135	0.8
BF24M2510	25	20	168	1.6
BF24M3212	32	20	199	2.1
BF24M4015	40	20	202	3
BF24M5020	50	20	204	4
BF24M6325	63	20	224	7.37

3 Piece INLINE FEMALE BALL VALVE

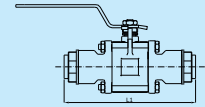
Design Standard : ASME B 31.1/3



PART NO.	SIZE (mm)	PN (bar)	L1	Weight (Kg)
BF24F2007	20	20	135	0.8
BF24F2510	25	20	168	1.6
BF24F3212	32	20	199	2.1
BF24F4015	40	20	202	3
BF24F5020	50	20	204	4
BF24F6325	63	20	224	7.37

3 Piece INLINE BALL VALVE

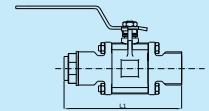
XX:- SS304:-02, SS316:-03
 Design Standard: ASME B 31.1/3



PART NO.	SIZE	D1 (mm)	L1 (mm)	PN (bar)	Weight (kg)
BFXX2000	20	20	135	20	0.584
BFXX2500	25	25	168	20	1.021
BFXX3200	32	32	199	20	1.467
BFXX4000	40	40	202	20	0.738
BFXX5000	50	50	204	20	3.599
BFXX6300	63	63	224	20	5.196

3 Piece INLINE MALE BALL VALVE

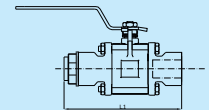
XX:- SS304:-02, SS316:-03
 Design Standard: ASME B 31.1/3



PART NO.	SIZE (mm)	PN (bar)	L1	Weight (Kg)
BFXXM2007	20	20	135	0.8
BFXXM2510	25	20	168	1.6
BFXXM3212	32	20	199	2.1
BFXXM4015	40	20	202	3
BFXXM5020	50	20	204	4
BFXXM6325	63	20	224	7.37

3 Piece INLINE FEMALE BALL VALVE

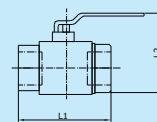
XX:- SS304:-02, SS316:-03
 Design Standard: ASME B 31.1/3



PART NO.	SIZE (mm)	PN (bar)	L1	Weight (Kg)
BFXXF2007	20	20	135	0.8
BFXXF2510	25	20	168	1.6
BFXXF3212	32	20	199	2.1
BFXXF4015	40	20	202	3
BFXXF5020	50	20	204	4
BFXXF6325	63	20	224	7.37

FEMALE THREADED INLINE BALL VALVE (Brass)

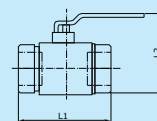
Design Standard : ASME B 31.1/3



PART NO.	SIZE (mm)	PN (bar)	L1	L2	Weight (Kg)
INBVF2007	20	20	75	70	0.35
INBVF2510	25	20	85	75	0.5

INLINE BALL VALVE (Brass)

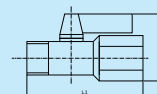
Design Standard : ASME B 31.1/3



PART NO.	SIZE (mm)	PN (bar)	L1	L2	Weight (Kg)
INBV20	20	20	90	70	0.35
INBV25	25	20	100	75	0.5

MINI BALL VALVE (Brass)

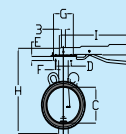
Design Standard : ASME B 31.1/3



PART NO.	SIZE	PN (bar)	L1	L2	Weight (Kg)
MBVMF050	1/2"	20	48	44	0.2

BUTTERFLY VALVE (CI)

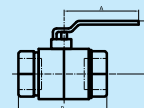
Design Standard : ASME B 31.1/3



PART NO.	SIZE	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	PN (bar)	Weight (kg)
80-83-22-23-EM-150#	3"	46	15	81	50	17	7	65	255	195	16	3.500
100-83-22-23-EM-150#	4"	52	15	103	50	17	7	65	284	195	16	4.750
150-83-22-23-EM-150#	6"	56	19	153	70	17	9	90	358	320	16	9.150
200-83-22-23-EM-150#	8"	60	19	201	70	97	9	90	421	320	16	16.00

BALL VALVE

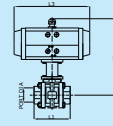
Design Standard : ASME B 31.1/3



PART NO.	SIZE	A (mm)	B (mm)	C (mm)	PN (bar)	Weight (kg)
BV110200	1/4"	90	38	48	16	0.100
BV110500	1/2"	90	46	58	16	0.150
BV110700	3/4"	90	52	65	16	0.213
BV111000	1"	106	60	69	16	0.318
BV111200	1 1/4"	110	62	80	16	0.480
BV111500	1 1/2"	148	83	92	16	0.680
BV112000	2"	148	89	110	16	1.800
BV112500	2 1/2"	217	110	132	16	2.206

Screwed End Ball Valve With Actuator

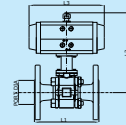
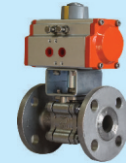
Design Standard : ASME B 31.1/3



PART NO.	Size	Port Dia	L1	L2	L3	Weight (kg)
BSXX2045	3/4"	21	165	61	172	1.7
BSXX2554	1"	26	168	65	172	2.3
BSXX3262	1 1/4"	32	190	70	222	3.3
BSXX4074	1 1/2"	38	216	70	222	5.5
BSXX5088	2"	50	241	70	222	7.8
BSXX6307	2 1/2"	64	284	185	400	9

Flanged End Ball Valve With Actuator

Design Standard : ASME B 31.1/3



PART NO.	Size	Port Dia	L1	L2	L3	Weight (kg)
FEXX2045	3/4"	21	165	161	135	1.7
FEXX2554	1"	26	168	165	135	2.3
FEXX3262	1 1/4"	32	190	170	135	3.3
FEXX4074	1 1/2"	38	216	170	135	5.5
FEXX5088	2"	50	241	170	170	7.8
FEXX6307	2 1/2"	64	284	185	170	9

3 Piece Inline Pneumatic Ball Valve

Design Standard : ASME B 31.1/3



PART NO.	Size	Port Dia	L1	L2	L3	Weight (kg)
BSXX2045DA	3/4"	21	165	161	135	1.7
BSXX2554DA	1"	26	168	165	135	2.3
BSXX3262DA	1 1/4"	32	190	170	135	3.3
BSXX4074DA	1 1/2"	38	216	170	135	5.5
BSXX5088DA	2"	50	241	170	170	7.8
BSXX6307DA	2 1/2"	64	284	185	170	9

3 Piece Screwed Pneumatic Ball Valve

Design Standard : ASME B 31.1/3



PART NO.	Size	Port Dia	L1	L2	L3	Weight (kg)
SSXX2045	3/4"	14	70.5	64.8	151	0.8
SSXX2554	1"	20	94	74	170	1.6
SSXX3262	1 1/4"	25	107.8	79	170	2.1
SSXX4074	1 1/2"	32	115.2	102	205	3
SSXX5088	2"	38	127.5	107	205	4
SSXX6307	2 1/2"	50	158	118	205	7.37

CRIMPING JAWS

CJ13



PART NO.	SIZE	Weight
CJ133000	3"	
CJ134100	4"	
CJ136000	6"	
CJ138000	8"	

CAP OPENING TOOL



PART NO.	SIZE	Weight
OT132000	20	
OT132500	25	
OT133200	32	
OT134000	40	
OT135000	50	
OT136300	63	

TUBE CUTTER



PART NO.	SIZE	Weight
TC110100	20-63mm	

DEBURING TOOL



PART NO.	SIZE	Weight
DB110000	20mm to 8"	

AIR GUN



PART NO.	SIZE	Weight
AG110200		

CRIMPING MACHINE



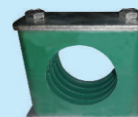
PART NO.	SIZE	Weight
CM130000	3" to 8"	

CHAMPERING TOOL



PART NO.	SIZE	Weight
CT110100	20-63mm	

CLIP



PART NO.	SIZE	Weight
CSPP2000	20	
CSPP2500	25	
CSPP3200	32	
CSPP4000	40	
CSPP5000	50	
CSPP6300	63	

Opening Clip



PART NO.	SIZE	Weight
OC132000	20	
OC132500	25	
OC133200	32	
OC134000	40	
OC135000	50	
OC136300	63	

CLIPS



PART NO.	SIZE	Weight
CL112000	20	
CL112500	25	
CL113200	32	
CL114000	40	
CL115000	50	
CL116300	63	



MALE SOCKET



PART NO.	SIZE	Weight
SM110200	1/4"	
SM110300	3/8"	
SM110500	1/2"	
SM110700	3/4"	
SM110000	1"	

MALE PLUG



PART NO.	SIZE	Weight
PM110200	1/4"	
PM110300	3/8"	
PM110500	1/2"	
PM110700	3/4"	
PM111000	1"	

FEMALE SOCKET



PART NO.	SIZE	Weight
SF110200	1/4"	
SF110300	3/8"	
SF110500	1/2"	
SF110700	3/4"	
SF111000	1"	

FEMALE PLUG



PART NO.	SIZE	Weight
PF110200	1/4"	
PF110300	3/8"	
PF110500	1/2"	
PF110700	3/4"	
PF111000	1"	

HOSE SOCKET



PART NO.	SIZE	Weight
SH110340	3/8"	
SH110540	1/2"	
SH110740	3/4"	
SH111040	1"	

NUT SOCKET



PART NO.	SIZE	Weight
SN110800	08	
SN111000	10	
SN111200	12	

NUT PLUG



PART NO.	SIZE	Weight
PN110800	08	
PN111000	10	
PN111200	12	
PN111400	14	

HOUSE PLUG



PART NO.	SIZE	Weight
PH110200	1/4"	
PH110300	3/8"	
PH110500	1/2"	
PH110700	3/4"	
PH111000	1"	

FR



FR11

PART NO.	SIZE	PART NO.	SIZE
FR110200	1/4"	FL110200	1/4"
FR110500	1/2"	FL110500	1/2"
FR110700	3/4"	FL110700	3/4"
FR111000	1"	FL111000	1"

FRL



FRL11

POLYURETHENE TUBE PT11

MOC: Polyurethane available
in 1000 mtr's



*Colour Code:
00 - Transparent
01 - Blue (Std)
02 - Yellow
03 - Green
04 - Black
05 - Red

PART NO.	Ø D	Weight
PT110401*	04	
PT110601*	06	
PT110801*	08	
PT111001*	10	
PT111201*	12	

RECOIL HOSE RH11

MOC: Polyurethane available
in 1000 mtr's



PART NO.	Ø D	Weight
RH110403*	04	
RH110603*	06	
RH110803*	08	
RH111003*	10	
RH111203*	12	

Available in 2,3,5,6,8 & 10 Mtr's for respective length please add number of meter to the part number. For 5 Mtr's length of 6mm OD add 05 (Ex: RH110605).

EXPANSION HOSE EH11

Available in 1,2 & 3 mtr's for 1 mtr's
add .1(Ex:EH112505.1)



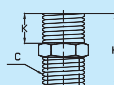
PART NO.	Ø D	SIZE	PART NO.	Ø D	SIZE
EH112505*	25	1/2"	EH114012*	40	1 1/4"
EH112507*	25	3/4"	EH114015*	40	1 1/2"
EH112510*	25	1"	EH115015*	50	1 1/2"
EH113210*	32	1"	EH115020*	50	2"
EH113212*	32	1 1/4"	EH116320*	63	2"
EH114010*	40	1"	EH116325*	63	2 1/2"

BUSH WITH O RING GASKET BS13



PART NO.	Ø	Weight
BS132000	20	
BS132500	25	
BS133200	32	
BS134000	40	
BS135000	50	
BS136300	63	

HEX NIPPLE HN11



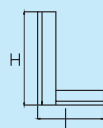
PART NO.	Ø C	K	H	Weight
HN110500	1/2"	15	36	
HN110700	3/4"	16	38	
HN111000	1"	16	48	
HN111200	1 1/4"	23	58	
HN111500	1 1/2"	24	63	
HN112000	2"	28	81	

CAP WITH RETAINER RINGS BO13



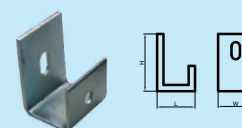
PART NO.	Ø	Weight
BO132000	20	
BO132500	25	
BO133200	32	
BO134000	40	
BO135000	50	
BO136300	63	

L ANGLE LA11

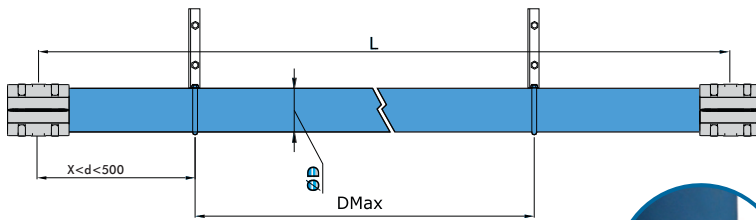


PART NO.	H	L	Weight
LA110304	3"	4"	
LA110408	4"	8"	
LA110604	6"	4"	
LA110606	6"	6"	
LA110608	6"	8"	
LA110609	6"	9"	
LA110612	6"	12"	
LA111024	10"	24"	

U CLAMP UC11



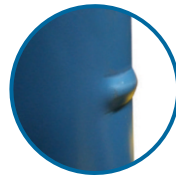
PART NO.	H	L	W	Weight
UC110000	57	26	21	



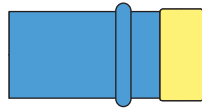
d-Distance between fitting and clip.

ØD- Diameter of the pipe

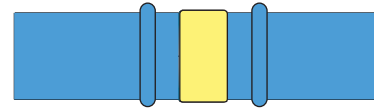
Dmax-Distance between two clips(1m)



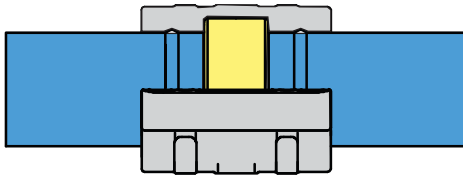
Crimping the tube



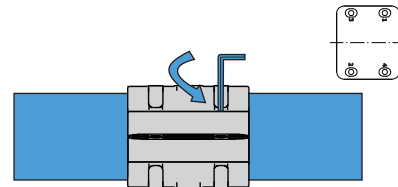
STEP 1: Join the bush with crimped pipe.



STEP 2: Join another crimped pipe with bush.

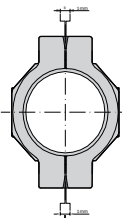


STEP 3: Join the top and bottom clamp with the bush.

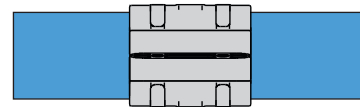


Torque must be greater than 10 Nm

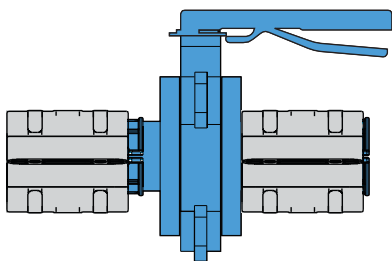
STEP 4: Tight the clamp with align bolts and align key.



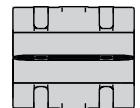
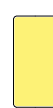
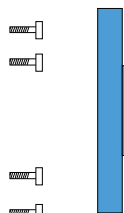
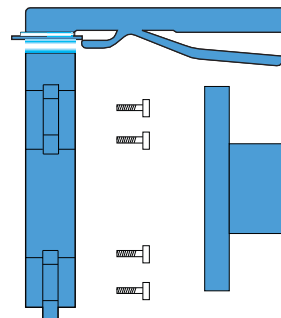
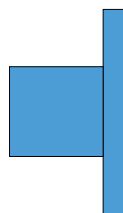
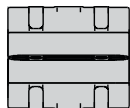
STEP 5: While tightening maintain 1mm gap between top and bottom clamp.

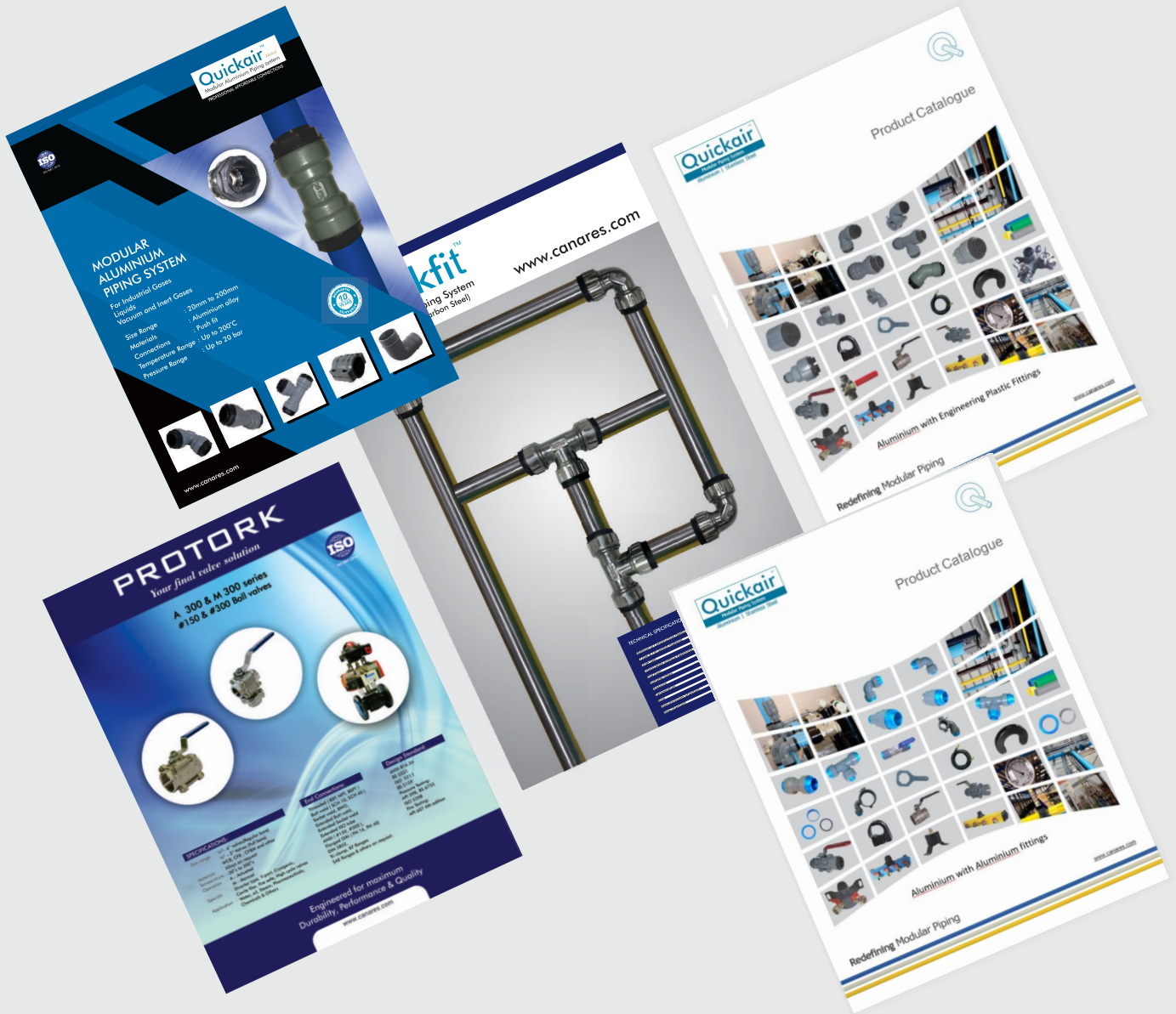
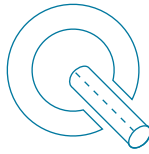


STEP 6: After tightening pass the air and check the leakage with soap water.



Assembly of butterfly valve with clamps





Distributor :



Canares Automation Pvt. Ltd.

Address: Plot No.85/O-A, Industrial Suburb, Industrial Layout,
Yeshwanthpur, Bengaluru - 560 022.

Phone : 080 2357 8010 / 2357 8012 / 2357 8014 / 2357 8016

Toll Free No: 1800 4258014

Email:sales@canares.com

Website: www.quickair.in / www.canares.com

© 2019/CEC All rights reserved. Cat/CEC/2019/003