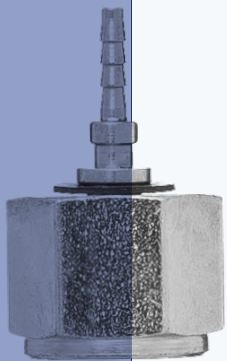


Balflex®



MICROTEST AND PRESURE GAUGES CATALOG

European Technology

*Established since 1963, **Balflex®** is a European international group of companies dedicated to the design, production, assembly and distribution of all types of high-tech products for conduction of fluids, measuring of pressure and power transmission at very high quality level.*

*6 decades of know-how and expertise in this field, makes **Balflex®** the first choice for the mining, agriculture, off-shore and construction industries.*

*Today the **Balflex®** Group covers worldwide users through our own company's production facilities, branches and net of certified distributors.*

Balflex® valorizes the inside meaning of the words we use: **Excellence** the quality of being outstanding; **Innovation** the action or process of innovating; **Partnership** cooperation relationship between two or more people, having in mind a common goal; **Tradition** way of thinking or acting, inherited from previous generations.





Quality

Quality is very important for us. We have fully equipped, modern laboratories and equipment, employing the industries most experienced personnel.

Balflex® has earned various certifications for our Management Systems and Products. This reliable and consistent approach has allowed us to achieve our ISO 9001:2015 certification. At Balflex® quality and service always comes first. We are dedicated to continue the development of new products with a strong emphasis on quality.

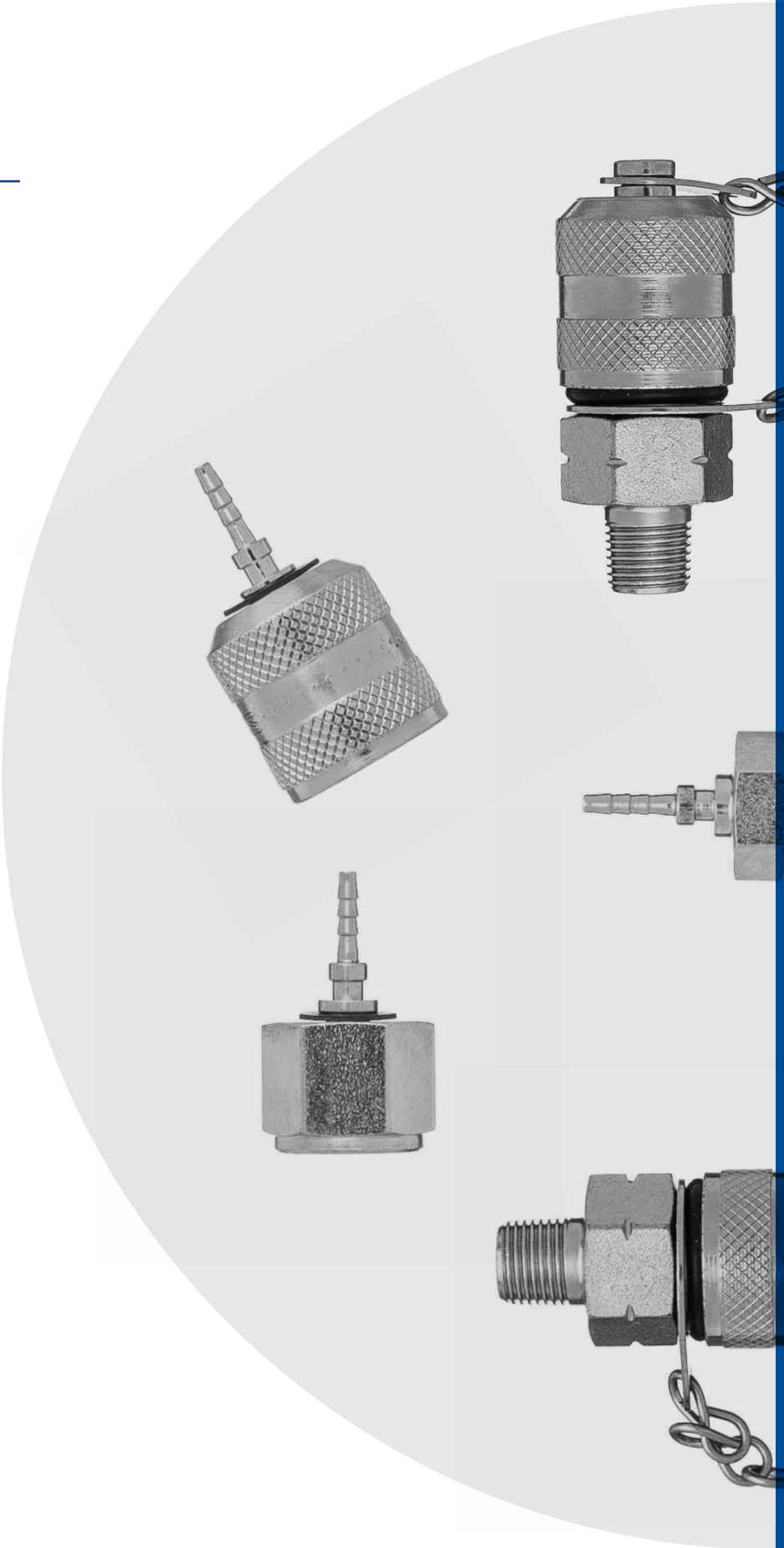
Member of:



Certified by:



MicroTest







Balflex® MicroTest Check Line Hoses, Connectors & Gauges

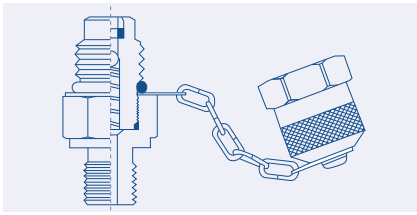
Balflex® MicroTest is the range of hoses, couplings and gauges for check lines in hydraulic or refrigeration systems. Balflex® MicroTest is produced according to Balflex® specifications and to ISO, DIN and SAE standards and other relevant industrial specifications. The range comprises:



- Balflex® MicroTest high pressure hose assemblies for check lines
- Balflex® MicroTest hoses and hose fittings for check lines
- Balflex® MicroTest carbon steel connectors for check lines
- Balflex® MicroTest stainless steel connectors for check lines
- Balflex® MicroTest anti-shock valves for pressure gauges

The Balflex® MicroTest parts code is composed of three groups of digits:

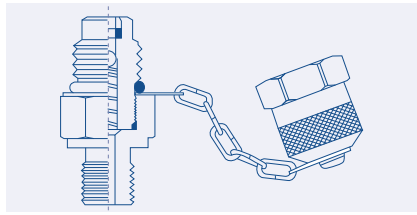




**Threaded Test Couplings
M 16x2**

08.PT01.

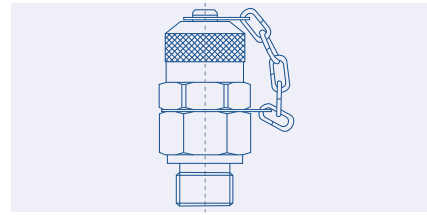
pag. 12



**Threaded Test Couplings
M 16x2**

05.PT02.

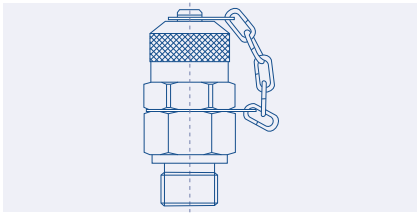
pag. 12



**Threaded Test Couplings
M 16x2**

05.PT03.

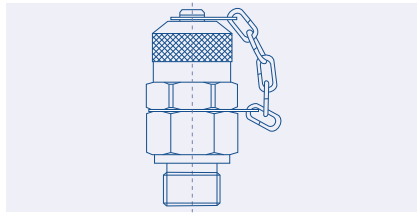
pag. 12



**Threaded Test Couplings
M 16x2**

05.PT04.

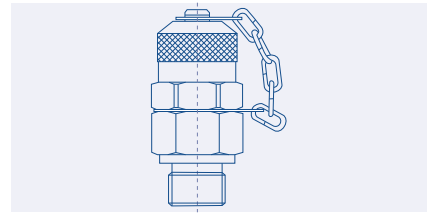
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**Threaded Test Couplings
M 16x2**

05.PT05.

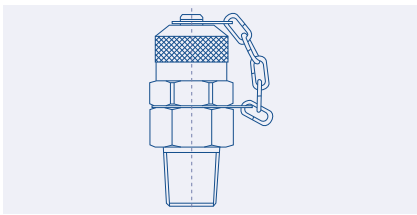
pag. 13



**Threaded Test Couplings
M 16x2**

05.PT06.

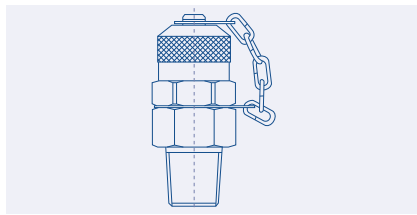
pag. 13



**Threaded Test Couplings
M 16x2**

05.PT07.

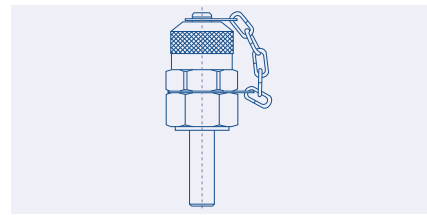
pag. 13



**Threaded Test Couplings
M 16x2**

05.PT08.

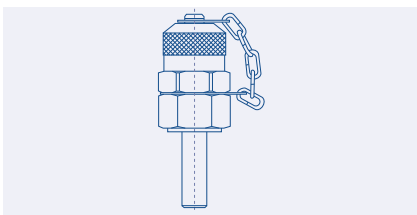
pag. 13



**Standpipe Teste Coupling
M 16x2**

05.PT09.

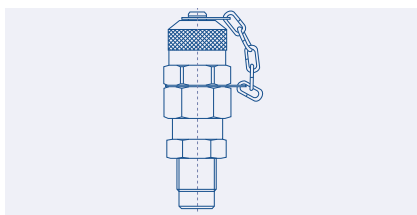
pag. 14



**Standpipe Teste Coupling
M 16x2**

05.PT10.

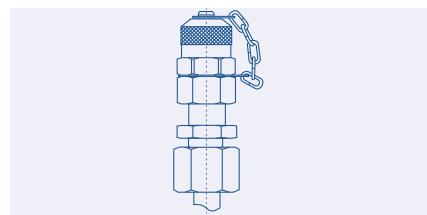
pag. 14



Bulkhead Test Coupling

05.PT11.

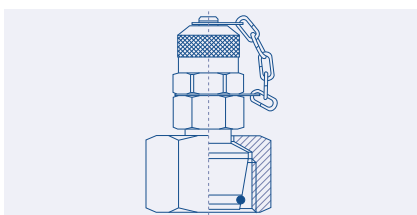
pag. 14



**Bulkhead Test Coupling for
Metal Pipe Fitting M 16x2**

05.PT12.

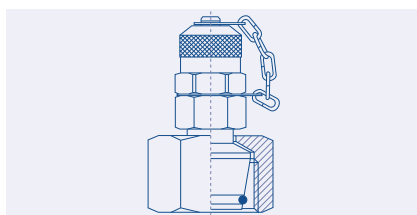
pag. 14



**Test Coupling with 24° O-Ring
Sealing Cone DKO Type**

05.PT13.

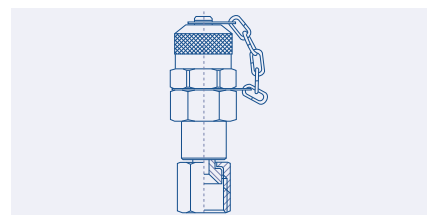
pag. 15



**Test Coupling with 24° O-Ring
Sealing Cone DKO Type**

05.PT23.

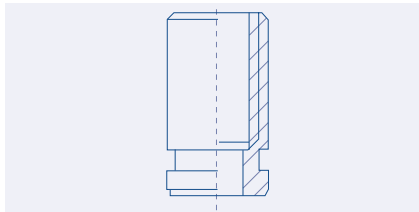
pag. 15



**Female Swivel Test Coupling
- JIC 37° M 16x2**

05.PT14.

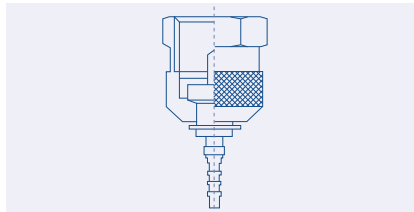
pag. 15



Ferrules

05.FE01.

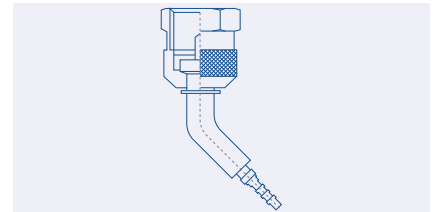
pag. 16



Test Coupling Threaded Female Fitting

05.HF01.

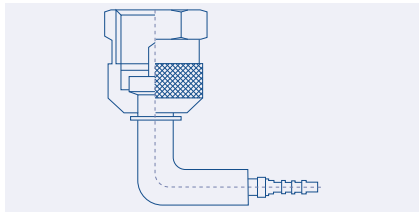
pag. 16



Test Coupling Threaded Female Fitting 45°

05.HF41.

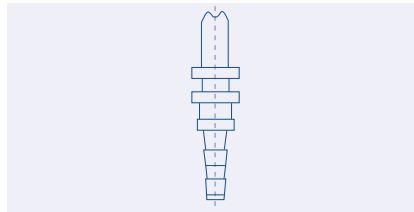
pag. 16



Test Coupling Threaded Female Fitting 90°

05.HF91.

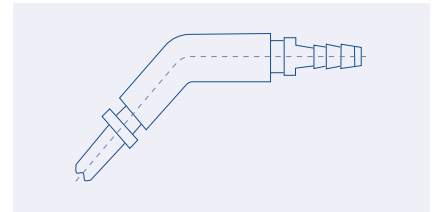
pag. 16



Plug-in Connection

05.HF02.

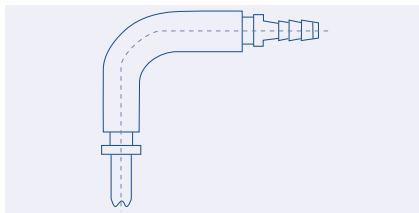
pag. 17



Plug-in Connection 45°

05.HF42.

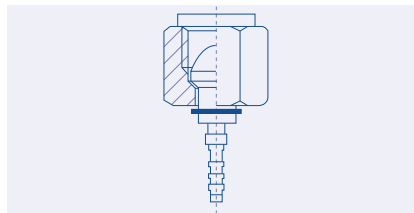
pag. 17



Plug-in Connection 90°

05.HF92.

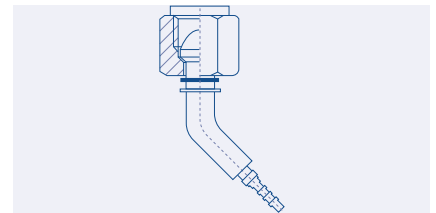
pag. 17



Swivel Female Fitting 60° Cone Connection Type DKR

05.HF03.

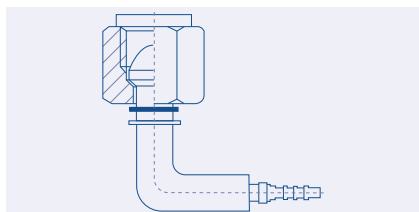
pag. 18



Swivel Female Fitting 60° Cone Connection Type DKR 45°

05.HF43.

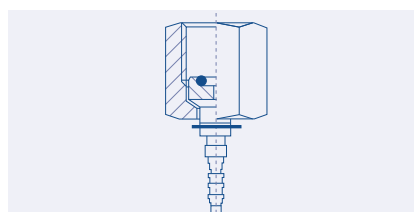
pag. 18



Swivel Female Fitting 60° Cone Connection Type DKR 90°

05.HF93.

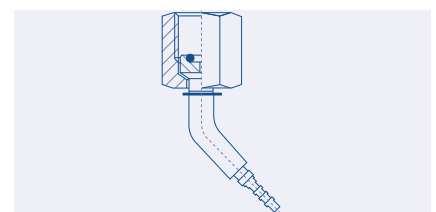
pag. 18



Gauges Threaded Fitting

05.HF04.

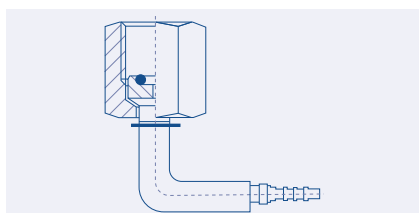
pag. 19



Gauges Threaded Fitting 45°

05.HF44.

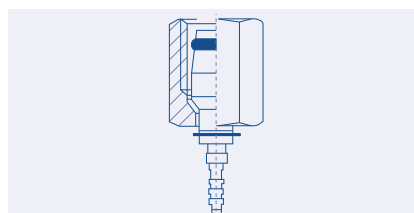
pag. 19



Gauges Threaded Fitting 90°

05.HF94.

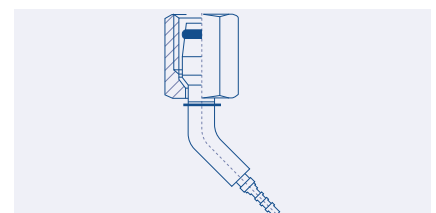
pag. 19



Swivel Female Fitting 24° Cone Connection Type DKOL

05.HF05.

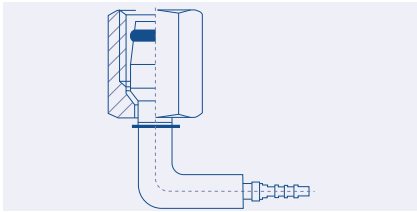
pag. 20



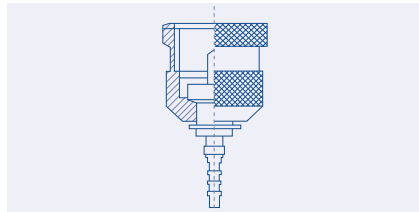
Swivel Female Fitting 24° Cone Connection Type DKOL 45°

05.HF45.

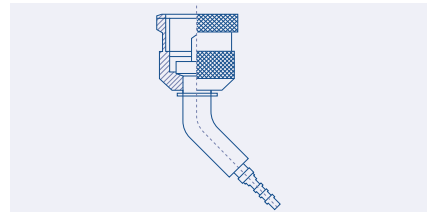
pag. 20



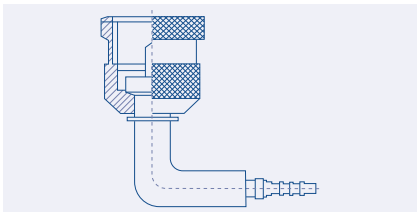
Swivel Female Fitting 24° Cone Connection Type DKOL 90°
05.HF95. pag. 20



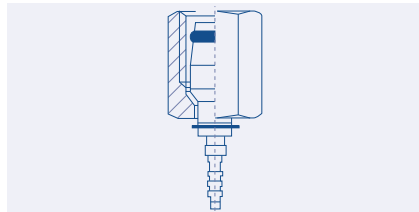
Test Coupling Threaded Female Fitting with Hexagonal Nut
05.HF06. pag. 21



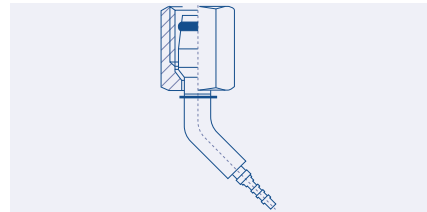
Test Coupling Threaded Female Fitting with Hexagonal Nut 45°
05.HF46. pag. 21



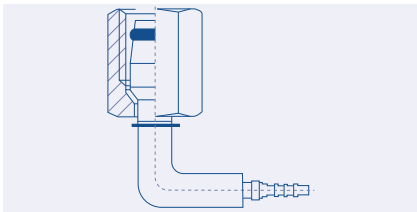
Test Coupling Threaded Female Fitting with Hexagonal Nut 90°
05.HF96. pag. 21



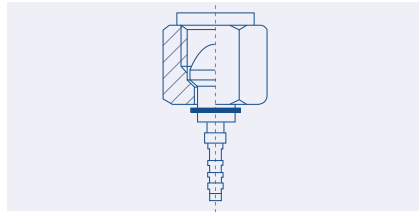
Swivel Female Fitting 24° Cone Connection Type DKOS
05.HF07. pag. 22



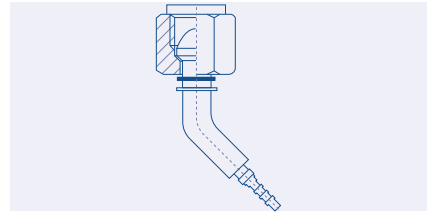
Swivel Female Fitting 24° Cone Connection Type DKOS 45°
05.HF47. pag. 22



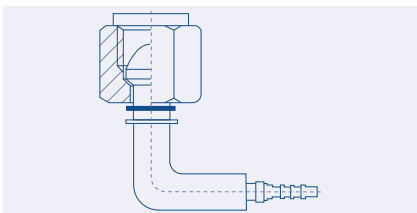
Swivel Female Fitting 24° Cone Connection Type DKOS 90°
05.HF97. pag. 22



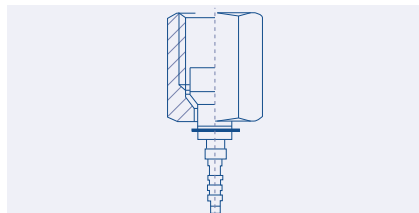
Swivel Female Fitting 24° Cone Connection Type DKL
05.HF08. pag. 23



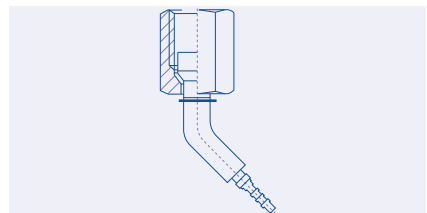
Swivel Female Fitting 24° Cone Connection Type DKL 45°
05.HF48. pag. 23



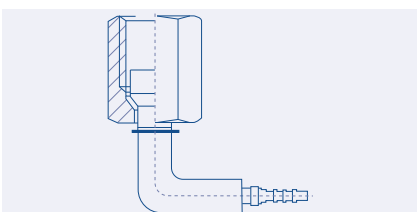
Swivel Female Fitting 24° Cone Connection Type DKL 90°
05.HF98. pag. 23



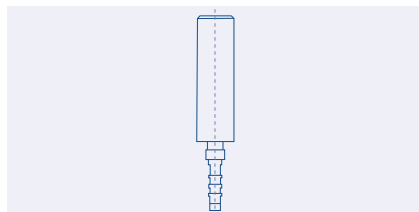
ORFS Female Fitting, UNF Thread
05.HF20. pag. 24



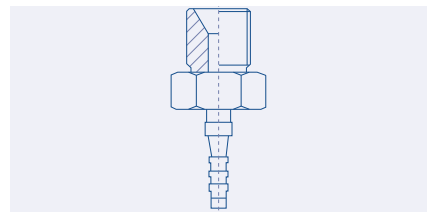
ORFS Female Fitting, UNF Thread 45°
05.HF24. pag. 24



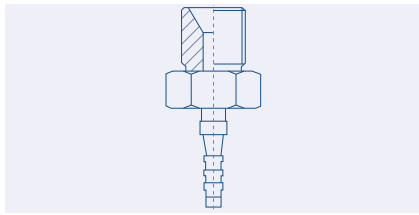
ORFS Female Fitting, UNF Thread 90°
05.HF29. pag. 24



Standpipe Fitting
05.HF09. pag. 25



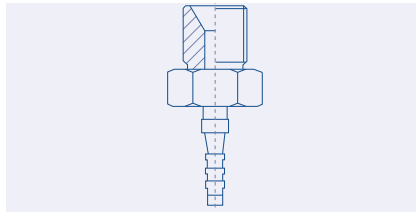
Male Fittings
05.HF13. pag. 25



Male Fittings

05.HF14.

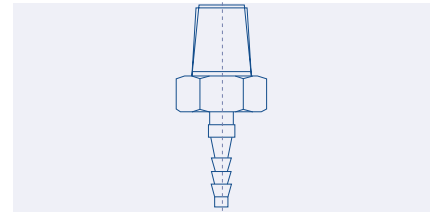
pag. 25



Male Fittings

05.HF15.

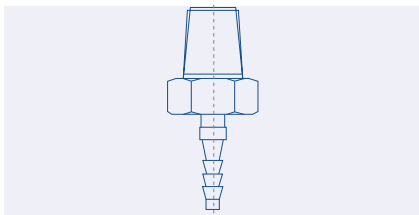
pag. 25



Male Fittings

05.HF17.

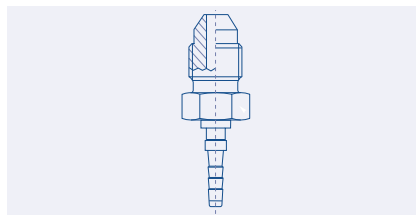
pag. 26



Male Fittings

05.HF18.

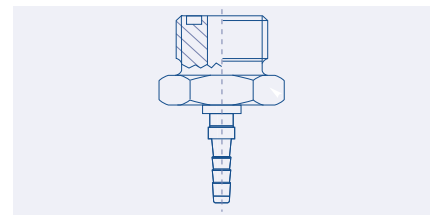
pag. 26



ORFS Male Fitting, UNF Thread

05.HF21.

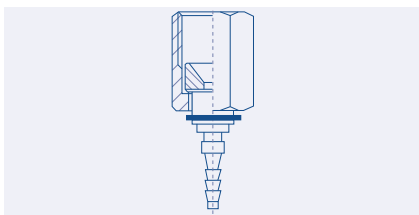
pag. 26



ORFS Male Fitting, UNF Thread

05.HF22.

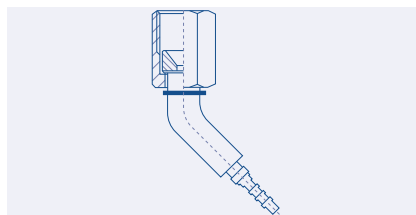
pag. 26



**Swivel Female Fitting JIC 74°
Connection Type DKJ**

05.HF19.

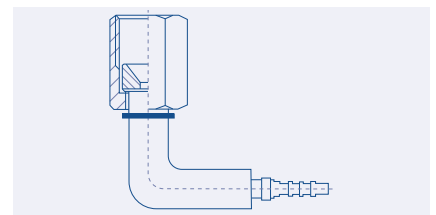
pag. 27



**Swivel Female Fitting JIC 74°
Connection Type DKJ 45°**

05.HF49.

pag. 27



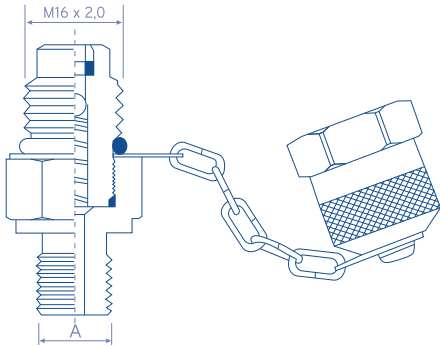
**Swivel Female Fitting JIC 74°
Connection Type DKJ 90°**

05.HF99.

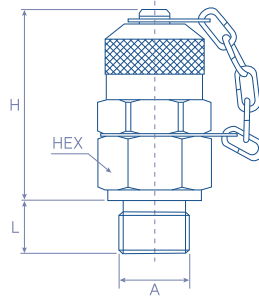
pag. 27

Balflex® MicroTest Hose Fittings

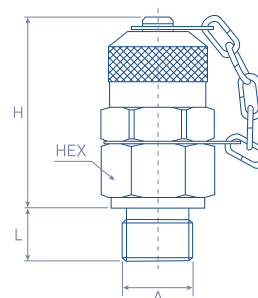
Universal MicroTest pressure take connector with Metric 16 x 2,0 connection



05.PT01. - 05.PT02
Metric parallel



05.PT03.
Metric parallel



05.PT04.
B.S.P. parallel

REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
08.PT01.08	250	3625	M8 x 1	8,5	37	17
08.PT01.10	630	9140	M10 x 1	8,5	37	17
05.PT02.04	630	9140	7/16" - 20 UNF	9	37	17
05.PT02.05	630	9140	1/2" - 20 UNF	10	37	17
05.PT02.06	630	9140	9/16" - 18 UNF	10	37	19
05.PT02.08	630	9140	3/4" - 16 UNF	14	37	22
05.PT03.10	400	5800	M 10x1	8	37	17
05.PT03.12	630	9140	M 12x1,5	12	37	17
05.PT03.14	630	9140	M 14x1,5	12	37	19
05.PT03.16	630	9140	M 16x1,5	12	37	22
05.PT04.02	630	9140	ISO 228 G 1/8"	8	37	17
05.PT04.04	630	9140	ISO 228 G 1/4"	12	37	19
05.PT04.06	630	9140	ISO 228 G 3/8"	12	37	22
05.PT04.08	630	9140	ISO 228 G 1/2"	14	37	27

MATERIAL: Carbon steel body, zinc plated; nitrile rubber seal; cap in plastic or metal

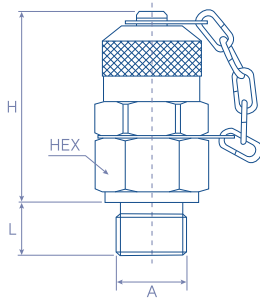
WORKING TEMPERATURE: -30°C to +100°C

VERSIONS: also available in stainless steel and viton seals for working temperatures up to +200°C (+392°F); most types also available with plug-in connection instead of standard M16 x 2,0 connection; plastic caps and metallic caps are alternatively available and should be specified with the order, as well as the cap binder.

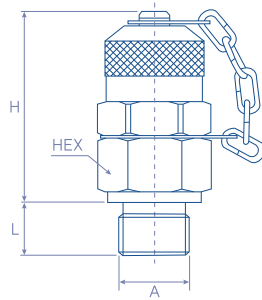


Balfit[®] MicroTest Hose Fittings

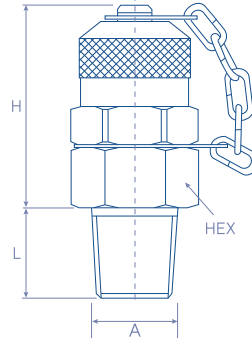
Universal MicroTest pressure take connector with Metric 16 x 2,0 connection



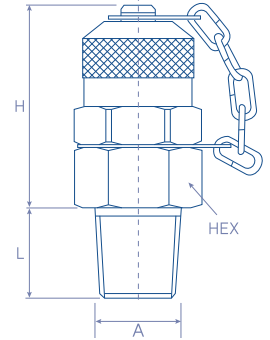
05.PT05.
Metric parallel



05.PT06.
B.S.P. parallel - Form B



05.PT07.
B.S.P tapered



05.PT08.
NPTF

REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
05.PT05.10	630	9140	M 10x1	8	37	17
05.PT05.12	630	9140	M 12x1.5	12	37	17
05.PT05.14	630	9140	M 14x1.5	12	37	19
05.PT05.16	630	9140	M 16x1.5	12	37	22
05.PT06.02	630	9140	ISO 228 G 1/8"	8	37	17
05.PT06.04	630	9140	ISO 228 G 1/4"	12	37	19
05.PT06.06	630	9140	ISO 228 G 3/8"	12	37	22
05.PT06.08	630	9140	ISO 228 G 1/2"	14	37	27
05.PT07.02	630	9140	ISO 7/1 R 1/8"	10	37	17
05.PT07.04	630	9140	ISO 7/1 R 1/4"	12	37	19
05.PT07.06	630	9140	ISO 7/1 R 3/8"	14	37	22
05.PT08.02	630	9140	1/8"-27 NPTF	10	37	17
05.PT08.04	630	9140	1/4"-18 NPTF	14	37	17
05.PT08.06	630	9140	3/8"-18 NPTF	14	37	22
05.PT08.08	630	9140	1/2"-14 NPTF	18	37	24

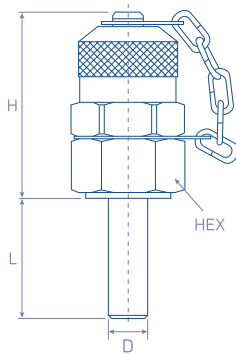
MATERIAL: Carbon steel body, zinc plated; nitrile rubber seal; cap in plastic or metal

WORKING TEMPERATURE: -30°C to +100°C

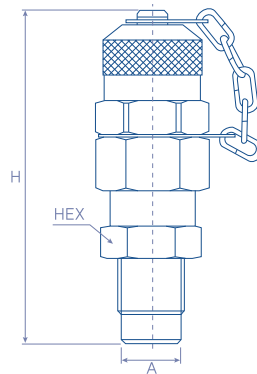
VERSIONS: also available in stainless steel and viton seals for working temperatures up to +200°C (+392°F); most types also available with plug-in connection instead of standard M16 x 2,0 connection; plastic caps and metallic caps are alternatively available and should be specified with the order, as well as the cap binder.

Balfit® MicroTest Hose Fittings

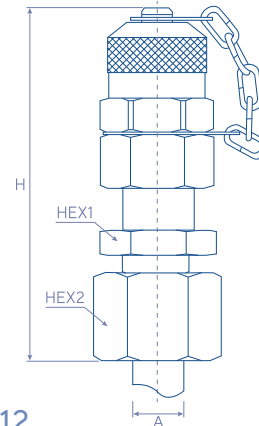
Universal MicroTest pressure take connector with Metric 16 x 2,0 connection



05.PT09. - 05.PT10.
Standpipe test coupling M 16x2



05.PT11.
Bulkhead test coupling



05.PT12.
Bulkhead test coupling for metal pipe fitting
M 16x2

REFERENCE	working pressure		dimensions		
	bar	PSI	D	L	H
05.PT09.06	630	9140	6	20	37
05.PT09.08	630	9140	8	20	37
05.PT09.10	630	9140	10	20	37
05.PT09.12	630	9140	12	20	37
05.PT09.15	630	9140	15	20	37
05.PT10.06	630	9140	6	20	37
05.PT10.08	630	9140	8	20	37
05.PT10.10	630	9140	10	20	37
05.PT10.12	630	9140	12	20	37
05.PT10.14	630	9140	14	20	37
05.PT10.16	630	9140	16	20	37

REFERENCE	working pressure		dimensions				
	bar	PSI	A	D	H	HEX1	HEX2
05.PT11.16	630	9140	M 16x2		72	19	
05.PT12.16	630	9140	M 16x1.5	8	82	19	20
05.PT12.18	630	9140	M 18x1.5	10	81	22	20
05.PT12.20	630	9140	M 20x1.5	12	80	24	20

MATERIAL: Carbon steel body, zinc plated; nitrile rubber seal; cap in plastic or metal

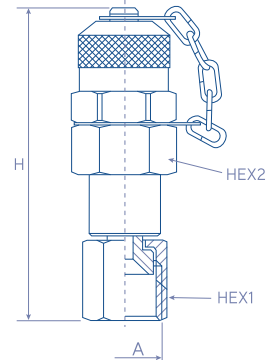
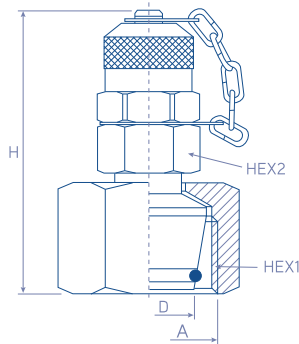
WORKING TEMPERATURE: -30°C to +100°C

VERSIONS: also available in stainless steel and viton seals for working temperatures up to +200°C (+392°F); most types also available with plug-in connection instead of standard M16 x 2,0 connection; plastic caps and metallic caps are alternatively available and should be specified with the order, as well as the cap binder.



Balfit® MicroTest Connectors

Universal MicroTest pressure take connector with Metric 16 x 2,0 connection



05.PT13. - 05.PT23.

Test coupling with 24° O-Ring sealing cone DKO type

05.PT14.

Female swivel test coupling - JIC 37° M 16x2

REFERENCE	working pressure		dimensions				
	bar	PSI	A	D	H	HEX1	HEX2
05.PT13.12	630	9140	M 12x1.5	6	53	14	17
05.PT13.14	630	9140	M 14x1.5	8	55	17	17
05.PT13.16	630	9140	M 16x1.5	10	56	19	19
05.PT13.18	630	9140	M 18x1.5	12	57	22	19
05.PT13.22	630	9140	M 22x1.5	15	59	27	22
05.PT13.26	630	9140	M 26x1.5	18	59	32	22
05.PT13.30	630	9140	M 30x2	22	57	36	27
05.PT13.36	630	9140	M 36x2	28	63	41	17
05.PT13.45	630	9140	M 45x2	35	70	50	17
05.PT13.52	630	9140	M 52x2	42	70	60	17
05.PT23.14	630	9140	M 14x1.5	6	54	17	17
05.PT23.16	630	9140	M 16x1.5	8	56	19	17
05.PT23.18	630	9140	M 18x1.5	10	57	22	19
05.PT23.20	630	9140	M 20x1.5	12	58	24	19
05.PT23.22	630	9140	M 22x1.5	14	59	27	22
05.PT23.24	630	9140	M 24x1.5	16	60	30	22
05.PT23.30	630	9140	M 30x2	20	61	36	27
05.PT23.36	630	9140	M 36x2	25	69	46	17
05.PT23.42	630	9140	M 42x2	30	72	55	17
05.PT23.52	630	9140	M 52x2	38	76	60	17
05.PT14.04	630	9140	7/16"-20 UNF		57	17	14
05.PT14.05	630	9140	1/2"-20 UNF		55	17	17
05.PT14.06	630	9140	9/16"-18 UNF		52	17	17
05.PT14.08	630	9140	3/4"- 16 UNF		59	19	22
05.PT14.10	630	9140	7/8"- 14 UNF		64	24	27

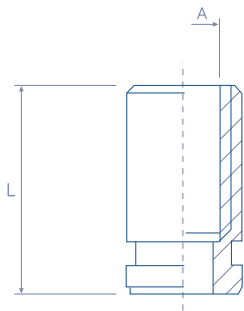
MATERIAL: Carbon steel body, zinc plated; nitrile rubber seal; cap in plastic or metal

WORKING TEMPERATURE: -30°C to +100°C

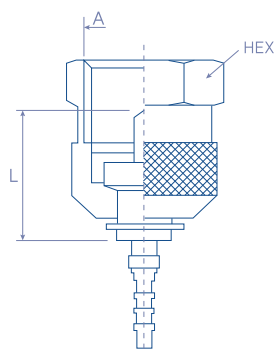
VERSIONS: also available in stainless steel and viton seals for working temperatures up to +200°C (+392°F); most types also available with plug-in connection instead of standard M16 x 2,0 connection; plastic caps and metallic caps are alternatively available and should be specified with the order, as well as the cap binder.

Balfit® MicroTest Hose Ferrule and Fittings

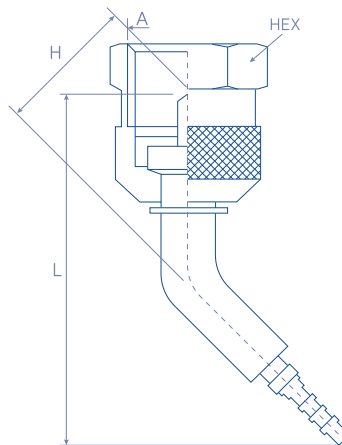
Swaged ferrule and fittings for MicroTest high pressure gauge lines



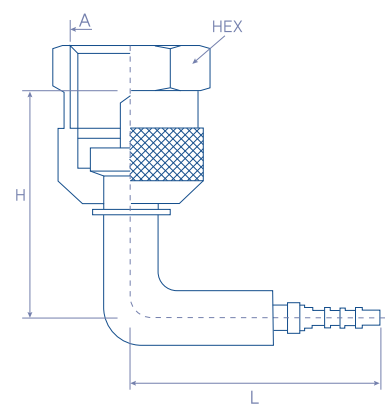
05.FE01.
Ferrule



05.HF01.
Coupling threaded female
fitting



05.HF41.
Coupling threaded female
fitting 45°



05.HF91.
Coupling threaded female
fitting 90°

REFERENCE	working pressure		dimensions		
	bar	PSI	A	L	HEX
05.FE01	630	9140	8	15	19
05.HF01.17	630	9140	M 16x2	32.5	19
05.HF01.16	630	9140	M 16x1.5	32.5	19
05.HF41.17	630	9140	M 16x2	48	19
05.HF41.16	630	9140	M 16x1.5	48	19
05.HF91.17	630	9140	M 16x2	34.5	19
05.HF91.16	630	9140	M 16x1.5	34.5	19

MATERIAL: Carbon steel body, zinc plated

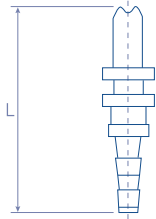
WORKING TEMPERATURE: -40°C to +100°C

VERSIONS: also available in stainless steel
for working temperatures up to +200°C
(+ 392°F)

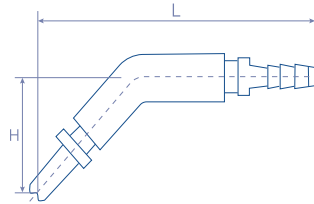


Balfit® MicroTest Plug-in Connection

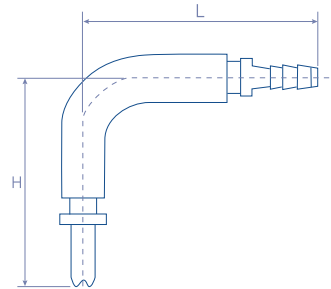
Swaged ferrule and fittings for MicroTest high pressure gauge lines



05.HF02.
Plug-in connection



05.HF42.
Plug-in connection 45°



05.HF92.
Plug-in connection 90°

REFERENCE	working pressure		dimensions	
	bar	PSI	L	H
05.HF02.20	630	9140	27	
05.HF42.20	630	9140	56	22
05.HF92.20	630	9140	32	28

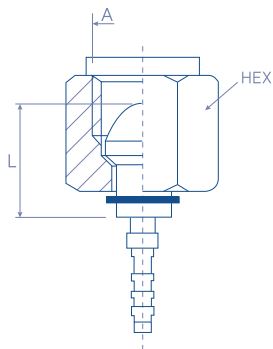
MATERIAL: Carbon steel body, zinc plated

WORKING TEMPERATURE: -40°C to +100°C

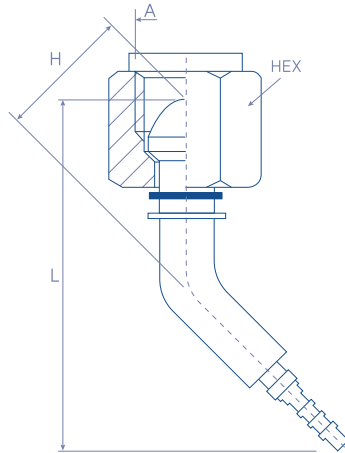
VERSIONS: also available in stainless steel
for working temperatures up to +200°C
(+ 392°F)

Balfit® MicroTest Hose Ferrule and Fittings

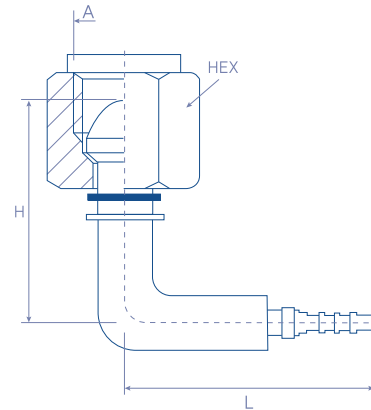
Swaged ferrule and fittings for MicroTest high pressure gauge lines



05.HF03.
Swivel female fitting 60°
cone connection type DKR



05.HF43.
Swivel female fitting 60° cone connection
type DKR 45°



05.HF93.
Swivel female fitting 60° cone connection
type DKR 90°

REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
05.HF03.02	630	9140	G 1/8	24		14
05.HF03.04	630	9140	G 1/4	26		17
05.HF03.06	630	9140	G 3/8	29		22
05.HF43.02	630	9140	G 1/8	44.5	15	14
05.HF43.04	630	9140	G 1/4	47.5	16	17
05.HF93.02	630	9140	G 1/8	34	20	14
05.HF93.04	630	9140	G 1/4	36.5	27.5	17

MATERIAL: Carbon steel body, zinc plated

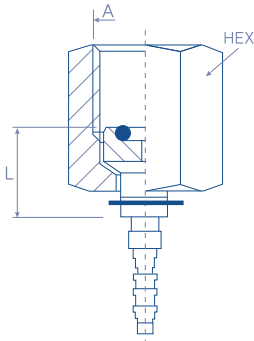
WORKING TEMPERATURE: -40°C to +100°C

VERSIONS: also available in stainless steel
for working temperatures up to +200°C
(+ 392°F)

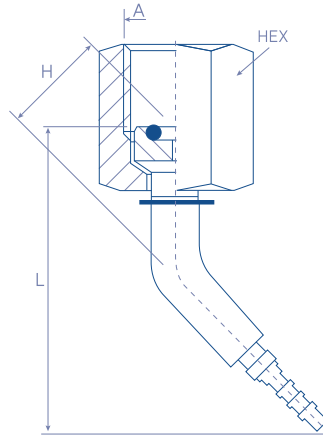


Balfit® MicroTest Hose Ferrule and Fittings

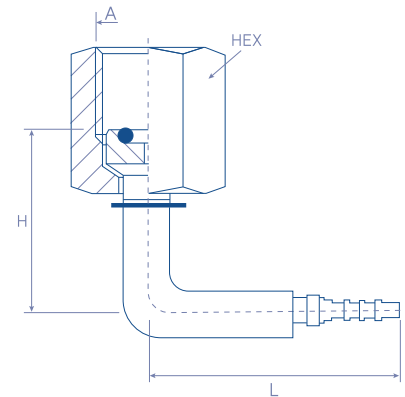
Swaged ferrule and fittings for MicroTest high pressure gauge lines



05.HF04.
Gauges threaded fitting



05.HF44.
Gauges threaded fitting 45°



05.HF94.
Gauges threaded fitting 90°

REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
05.HF04.04	630	9140	G 1/4	26		19
05.HF04.06	630	9140	G 3/8	24		22
05.HF04.08	630	9140	G 1/2	33.5		27
05.HF44.04	630	9140	G 1/4	47	14	19
05.HF44.08	630	9140	G 1/2	54.5	21	27
05.HF94.04	630	9140	G 1/4	38.0	25	19
05.HF94.08	630	9140	G 1/2	41.5	37.5	27

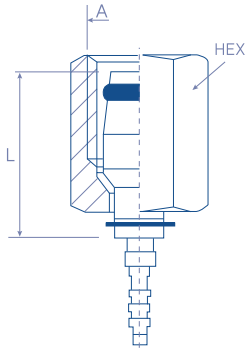
MATERIAL: Carbon steel body, zinc plated

WORKING TEMPERATURE: -40°C to +100°C

VERSIONS: also available in stainless steel for working temperatures up to +200°C (+ 392°F)

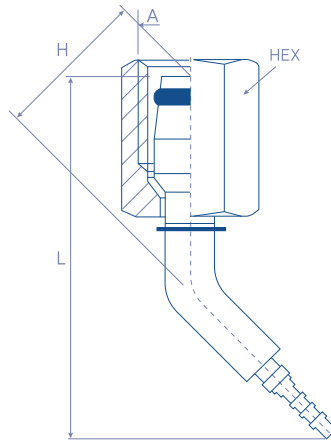
Balfit® MicroTest Hose Ferrule and Fittings

Swaged fittings for MicroTest high pressure gauge lines



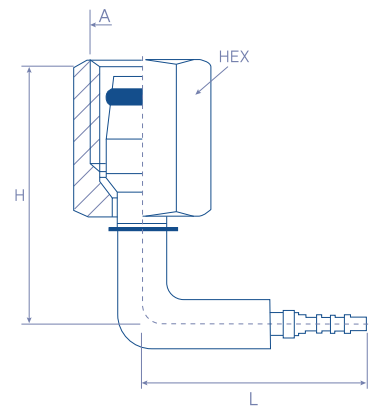
05.HF05.

Swivel female fitting 24°
cone connection type DKOL



05.HF45.

Swivel female fitting 24° cone
connection type DKOL 45°



05.HF95.

Swivel female fitting 24° cone
connection type DKOL 90°

REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
05.HF05.12	630	9140	M 12x1.5	31.6		14
05.HF05.14	630	9140	M 14x1.5	31.6		17
05.HF05.16	630	9140	M 16x1.5	31.5		19
05.HF05.18	630	9140	M 18x1.5	36		22
05.HF45.12	630	9140	M 12x1.5	47.5	15	14
05.HF45.14	630	9140	M 14x1.5	52	16	17
05.HF45.16	630	9140	M 16x1.5	56	19	19
05.HF95.12	630	9140	M 12x1.5	35.5	25	14
05.HF95.14	630	9140	M 14x1.5	40.5	36	17
05.HF95.16	630	9140	M 16x1.5	41.5	36	19

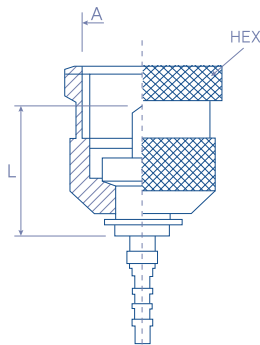
MATERIAL: Carbon steel body, zinc plated

WORKING TEMPERATURE: -40°C to +100°C

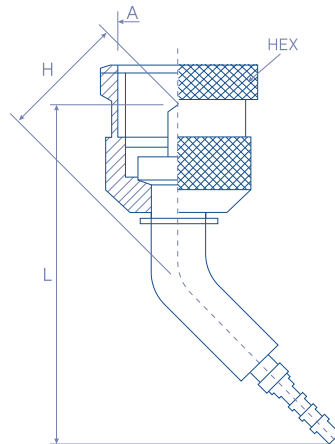


Balfit® MicroTest Hose Ferrule and Fittings

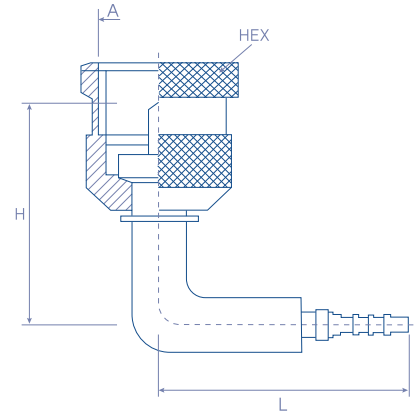
Swaged fittings for MicroTest high pressure gauge lines



05.HF06.
Coupling threaded female fitting with hexagonal nut



05.HF46.
Coupling threaded female fitting with hexagonal nut 45°



05.HF96.
Coupling threaded female fitting with hexagonal nut 90°

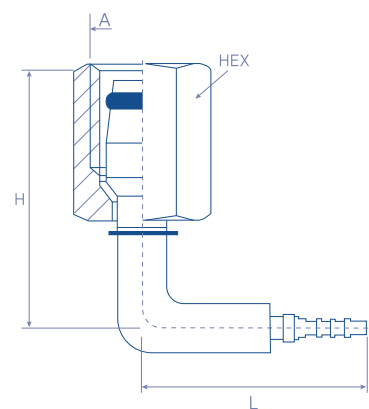
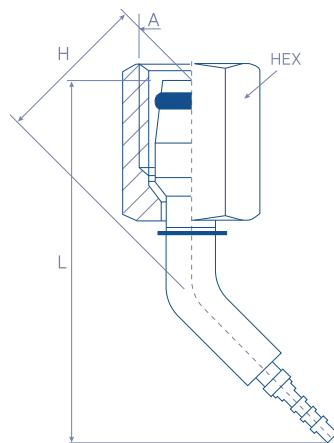
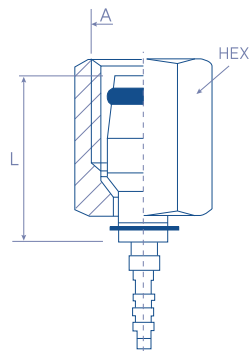
REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
05.HF06.17	630	9140	M 16x2	32.5		19
05.HF06.16	630	9140	M 16x1.5	32.5		19
05.HF46.17	630	9140	M16x2	48	18	19
05.HF96.16	630	9140	M16x1.5	48	18	19
05.HF46.17	630	9140	M16x2	34.5	31	19
05.HF96.16	630	9140	M16x1.5	34.5	31	19

MATERIAL: Carbon steel body, zinc plated

WORKING TEMPERATURE: -40°C to +100°C

Balfit® MicroTest Hose Ferrule and Fittings

Swaged fittings for MicroTest high pressure gauge lines



05.HF07.

Swivel female fitting 24°
cone connection type DKOS

05.HF47.

Swivel female fitting 24° cone connection
type DKOS 45°

05.HF97.

Swivel female fitting 24° cone connection
type DKOS 90°

REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
05.HF07.14	630	9140	M 14x1.5	31.6		17
05.HF07.16	630	9140	M 16x1.5	31.6		19
05.HF07.18	630	9140	M 18x1.5	31.5		22
05.HF07.20	630	9140	M 20x1.5	36		24
05.HF47.14	630	9140	M 14x1.5	47.5	15	17
05.HF47.16	630	9140	M 16x1.5	52	16	19
05.HF47.18	630	9140	M 18x1.5	56	19	22
05.HF97.14	630	9140	M 14x1.5	35.5	25	17
05.HF97.16	630	9140	M 16x1.5	40.5	36	19
05.HF97.18	630	9140	M 18x1.5	41.5	36	22

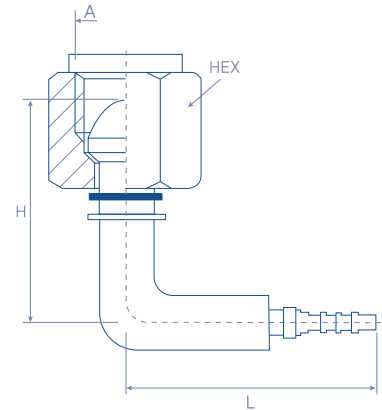
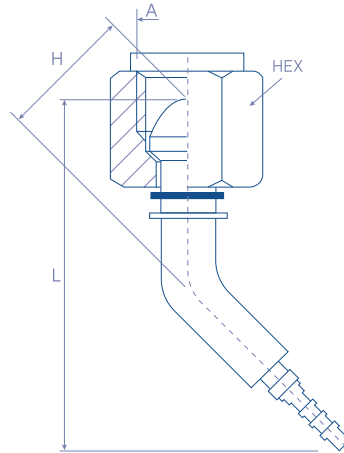
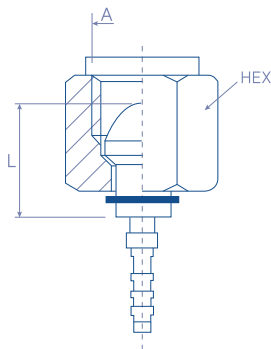
MATERIAL: Carbon steel body, zinc plated

WORKING TEMPERATURE: -40°C to +100°C



Balfit® MicroTest Hose Ferrule and Fittings

Swaged fittings for MicroTest high pressure gauge lines



05.HF08.

Swivel female fitting 24° cone connection type DKL

05.HF48.

Swivel female fitting 24° cone connection type DKL 45°

05.HF98.

Swivel female fitting 24° cone connection type DKL 90°

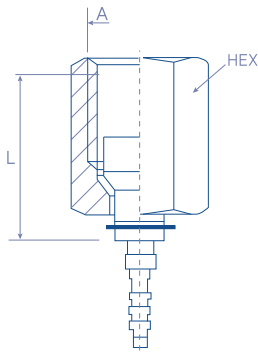
REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
05.HF08.12	630	9140	M 12x1.5	31.5		14
05.HF08.14	630	9140	M 14x1.5	37		17
05.HF08.16	630	9140	M16x1.5	36.5		19
05.HF48.12	630	9140	M 12x1.5	45	14.3	14
05.HF48.14	630	9140	M 14x1.5	52.3	16	17
05.HF48.16	630	9140	M 16x1.5	57.3	19	19
05.HF98.12	630	9140	M 12x1.5	40	22.5	14
05.HF98.14	630	9140	M 14x1.5	39.5	36.5	17
05.HF98.16	630	9140	M 16x1.5	42.7	35.8	19

MATERIAL: Carbon steel body, zinc plated

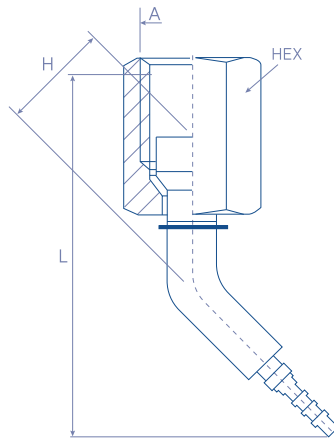
WORKING TEMPERATURE: -40°C to +100°C

Balfit® MicroTest Hose Ferrule and Fittings

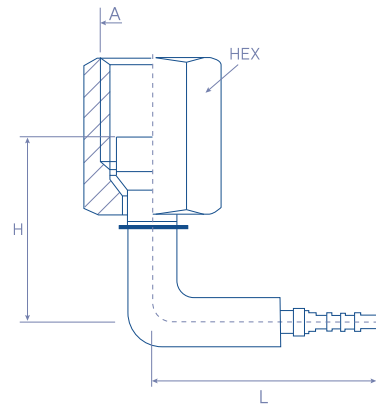
Swaged fittings for MicroTest high pressure gauge lines



05.HF20.
ORFS female fitting,
UNF thread



05.HF24.
ORFS female fitting, UNF thread 45°



05.HF29.
ORFS female fitting, UNF thread 90°

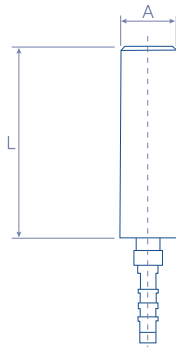
REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
05.HF20.04	630	9140	9/16-18 UNF	28.5		19
05.HF20.06	630	9140	11/16-16 UNF	33		22
05.HF24.04	630	9140	9/16-18 UNF	46	15	19
05.HF29.04	630	9140	9/16-18 UNF	37.5	25	19

MATERIAL: Carbon steel body, zinc plated **WORKING TEMPERATURE:** -40°C to +100°C

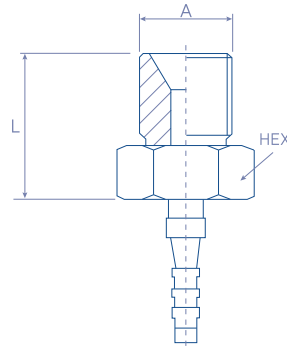


Balfit® MicroTest Hose Ferrule and Fittings

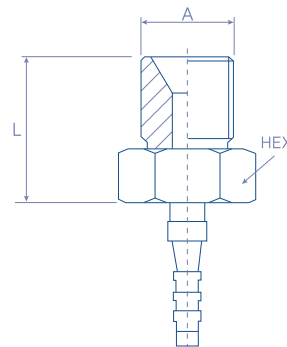
Swaged fittings for MicroTest high pressure gauge lines



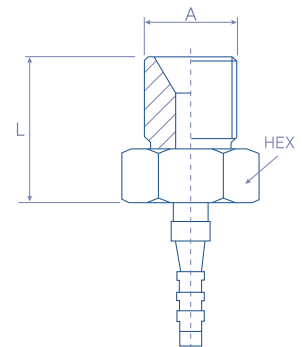
05.HF09.
Standpipe fitting



05.HF13.
Male fittings L series



05.HF14.
Male fittings S series



05.HF15.
Male fittings

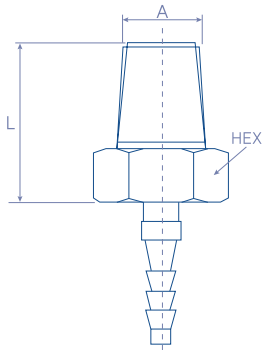
REFERENCE	working pressure		dimensions		
	bar	PSI	A	L	HEX
05.HF09.04	630	9140		36	
05.HF09.06	630	9140		36	
05.HF09.08	630	9140		36	
05.HF09.10	630	9140		36	
05.HF13.12	630	9140	M12x1.5	32	14
05.HF13.14	630	9140	M14x1.5	32	17
05.HF13.16	630	9140	M16x1.5	33	19
05.HF14.14	630	9140	M14x1.5	34	17
05.HF14.16	630	9140	M16x1.5	34	19
05.HF14.18	630	9140	M18x1.5	35.5	22
05.HF15.02	630	9140	G 1/8	31	14
05.HF15.04	630	9140	G 1/4	36	19

MATERIAL: Carbon steel body, zinc plated

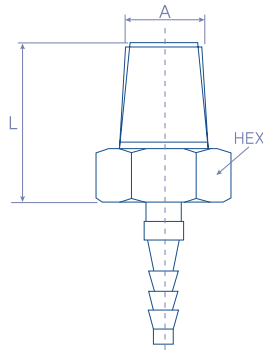
WORKING TEMPERATURE: -40°C to +100°C

Balfit® MicroTest Hose Fittings

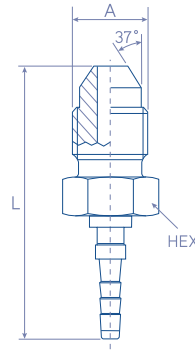
Swaged fittings for MicroTest high pressure gauge lines



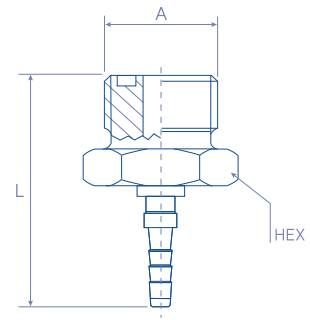
05.HF17.
Male fittings



05.HF18.
Male fittings



05.HF21.
JIC 74° Male fitting



05.HF22.
ORFS male fitting,
UNF thread

REFERENCE	working pressure		dimensions		
	bar	PSI	A	L	HEX
05.HF17.02	630	9140	1/8-27 NPTF	28.5	12
05.HF17.04	630	9140	1/4-18 NPTF	36	17
05.HF18.02	630	9140	R 1/8	30.5	12
05.HF18.04	630	9140	R 1/4	33.5	14
05.HF21.04	630	9140	7/16-20 UNF	38	14
05.HF21.05	630	9140	1/2-20 UNF	39	17
05.HF22.04	630	9140	9/16-18 UNF	31	17

MATERIAL: Carbon steel body, zinc plated

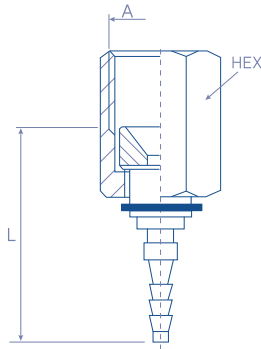
WORKING TEMPERATURE: -40°C to +100°C

VERSIONS: also available in stainless steel for working temperatures up to +200°C (+ 392°F)



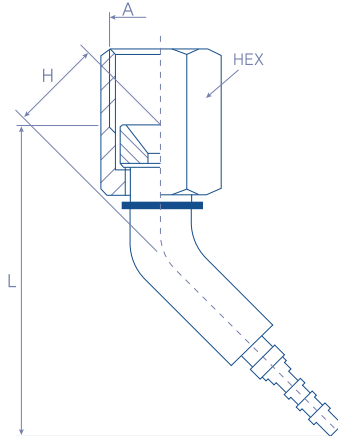
Balfit[®] MicroTest Hose Fittings

Swaged fittings for MicroTest high pressure gauge lines



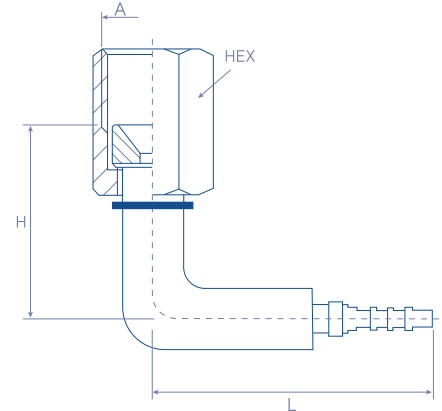
05.HF19.

Swivel female fitting JIC 74°
connection type DKJ



05.HF49.

Swivel female fitting JIC 74° connection
type DKJ 45°



05.HF99.

Swivel female fitting JIC 74° connection
type DKJ 90°

REFERENCE	working pressure		dimensions			
	bar	PSI	A	L	H	HEX
05.HF19.04	630	9140	7/16-20 UNF	25		14
05.HF19.05	630	9140	1/2-20 UNF	26		17
05.HF19.06	630	9140	9/16-18 UNF	28.5		17
05.HF49.04	630	9140	7/16-20 UNF	46.5	13	14
05.HF49.05	630	9140	1/2-20 UNF	46.5	13	17
05.HF49.06	630	9140	9/16-18 UNF	54.5	15.5	17
05.HF99.04	630	9140	7/16-20 UNF	37	25	14
05.HF99.05	630	9140	1/2-20 UNF	36.5	25	17
05.HF99.06	630	9140	9/16-18 UNF	42	27	17

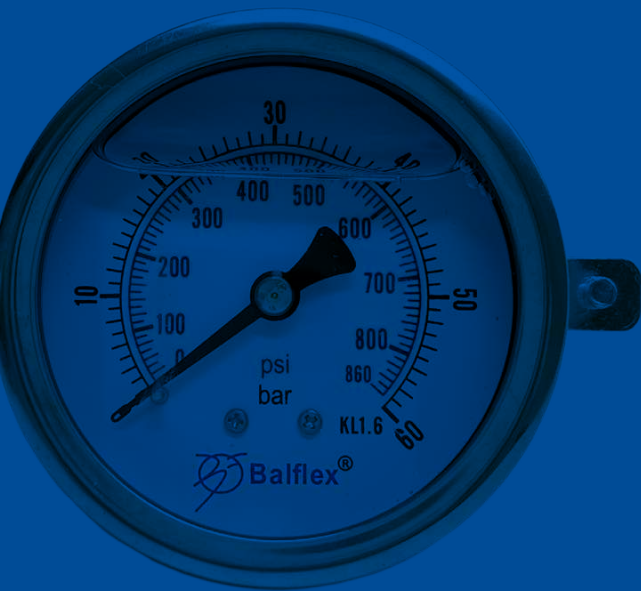
MATERIAL: Carbon steel body, zinc plated

WORKING TEMPERATURE: -40°C to +100°C

VERSIONS: also available in stainless steel
for working temperatures up to +200°C
(+ 392°F)

Pressure Gauges







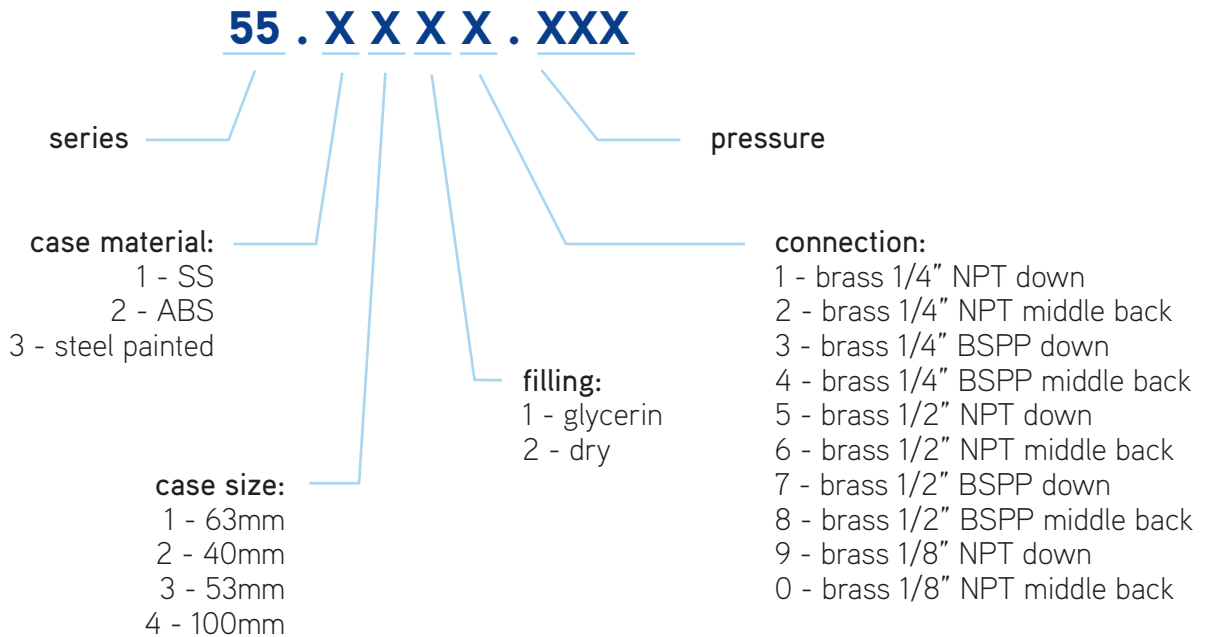
Balflex® Manometers Pressure Gauges

Balflex® Manometers / pressure gauges are being used for measuring points with high dynamic pressure, pulsations or vibrations. Hydraulics and compressors..

The range of **Balflex®** manometers / pressure gauges is produced according to **Balflex®** specifications, **DIN EN 837 – 1** and **DIN EN 837 – 2** and **ASME B40.100** standards. **Balflex®** has optimized the construction of these manometers / pressure gauges in order to assure top rated performance, wide range of application, reliability and economy. Among their features are:

- Wide range:** **Balflex®** manometers / pressure gauges are available in several series:
- Stainless Steel case filled with glycerin, with vertical port
 - Stainless Steel case filled with glycerin, with center back port with U-Bracket
 - ABS case, dry, with vertical port
 - ABS case, dry, with center back port

The **Balflex®** Manometers part code is composed of three groups of digits:



General Guidelines

The end user shall ensure that the correct gauge has been selected and has the correct range and construction. If necessary an isolating valve shall be inserted to facilitate removal for maintenance.

Pressure connections shall be leak tight:

- × gauges with parallel threads: the pressure seal is made on the sealing face using a sealing washer which is compatible with the fluid;

- × gauges with tapered threads: the pressure seal is normally made by mating of the thread, but it is common practice to apply jointing material to the male thread before assembly. The jointing material shall be compatible with the fluid;

**Do not tighten by grasping the case of the gauge as this may cause damage.
When first applying pressure, the leak tightness of the connection shall be checked.
All gauges shall be mounted vertically unless marked on the dial.
When the gauge incorporates a blow out device or blow-out back, a minimum distance of 20mm from any obstacle shall be ensured.**

Special Conditions

Mechanical shocks

Pressure gauges shall not be subject to mechanical shocks. If installations are subject to mechanical shocks, gauges shall be mounted remotely and connected by flexible pipe.

Vibrations

When the actual support of the pressure gauge is subject to vibrations several solutions may be considered:

- × use of liquid filled pressure gauges;
- × when vibrations are large scale or random, it is preferable to proceed as defined for mechanical shocks.

The presence of vibrations may be detected by continuous oscillations, often irregular, of the tip of the pointer.

Pressure pulses

These are generally present when pressure gauges are installed on pumps. They are the cause of a considerable reduction of the life of the pressure responsive element and movement of the pressure gauge.

They are generally indicated by the large amplitude of the pointer oscillations. It is necessary to reduce these pulses of pressure by interposing a damper between the pressure source and the pressure responsive element.

Overpressure

Any overpressure creates stress in the pressure responsive element and consequently reduces its life and accuracy.

It is therefore always preferable to use an instrument whose maximum scale value is greater than the maximum working pressure and which will consequently absorb overpressure and surges more easily.



Special Conditions

Pressure range

The range should be such that the maximum working pressure does not exceed 75% of the maximum scale value for steady pressure or 65% of the maximum scale value for cyclic pressures.

Safety design

The safety design shall be selected in consideration of safety requirements of the specific applications.

Criteria for the selection of pressure gauges with Bourdon tube are given in table 1.

Table 1: Criteria for selection of pressure gauges with Bourdon tube (safety aspect)

PRESSURE FLUID	LIQUID								GAS OR STEAM (see note 1)							
	Dry				Liquid				Dry				Liquid			
Nominal size	< 100		≥ 100		< 100		≥ 100		< 100		≥ 100		< 100		≥ 100	
Pressure range (in bar)	≤ 25	> 25	≤ 25	> 25	≤ 25	> 25	≤ 25	> 25	≤ 25	> 25	≤ 25	> 25	≤ 25	> 25	≤ 25	> 25
Minimum safety Design code	0	0	0	0	S1	S1	S1	S1	0	S2	S1	S3	S1	S2	S1	S3

Safety design codes:

0 Gauge without blow-out device

S1 Blow-out device gauge

S2 Safety pattern gauge without baffle wall

S3 Safety pattern gauge with baffle wall (providing a higher level of safety)

NOTE 1: All oxygen and acetylene gauges shall be safety pattern gauges.

NOTE 2: Glycerine filled gauges shall not be used with oxygen or other strong oxydising process fluid. For such applications, highly fluorinated and chlorinated liquids can be used.

NOTE 3: This table indicates the normal safety design code. Users must have cognisance of their special requirements and may use safety pattern gauges at pressure lower than 25bar.

Materials

Pressure gauges are manufactured with pressure responsive elements that can be made from various materials. It is therefore necessary to choose from these materials the one best suited to the type of process fluid and its pressure.

The purchaser shall indicate to Balflex® all information concerning the materials which are compatible with the fluid in relation to the specific conditions of measurement.

If none of the standard materials are suitable, it shall be necessary to interpose a separator between the process fluid and the pressure gauge.

Accuracy

The accuracy class required shall be selected from EN 837-1.

Pressure connection

The pressure connection shall be selected from EN 837-1.

Temperature

Ambient Temperature

It is difficult to shield a pressure gauge from an ambient temperature that is too high or too low. One solution consists of moving the gauge away from the source of heat or cold when possible.

A correction shall be applied when a gauge accuracy class 0,6 or better is used at an ambient temperature different from the reference temperature 20°C (-4°F) $\pm 2^{\circ}\text{C}$ (36°F).

Fluid Temperature

To protect a pressure gauge from a fluid which is too hot, a syphon or a similar device may be inserted so as to provide condensed fluid in the pressure responsive element. A syphon or a similar device shall always be placed close to the pressure gauge and be filled with condensate before installation is pressurised in order to avoid the hot fluid reaching the gauge on the initial pressurisation.

Other connections specific to certain industries and applications shall be specified.

Normal size

The size of gauge required shall be selected from EN 837-1.

Mounting

Type of mounting required shall be selected from EN 837-1.

Other criteria

If the application involves pressure pulsations, vibrations, extremes of temperature, shock loading, solids in suspension, viscous or chemically aggressive pressure fluid, hostile environment, or requires correction for a static head, Balflex® shall be consulted.

Storage prior to installation

Gauges should be stored in dry, clean conditions within the temperature range of -40°C (-40°F) $+70^{\circ}\text{C}$ ($+158^{\circ}\text{F}$) and protected against any impact damage.

The fluid in the pressure responsive element shall not be allowed to freeze or crystallize.

When the temperature of the fluid cannot be modified, it is often necessary to insert a separator between the process fluid and the gauge provided the buffer fluid used is capable of withstanding the temperature of the process fluid.

Cleanliness

Certain applications require gauges which are purchased specially cleaned. In such instances the user shall ensure that the instrument is correctly specified and installed (for example: oxygen service pressure gauge oil free).

Effect of liquid columns

The installer shall be aware that if a static head or liquid is acting on the gauge, it shall have been calibrated accordingly and the compensation marked on the dial.



Temperature

Maintenance

The overall safety of an installation often depends on the operating condition of the pressure gauges it contains. It is essential that the measurements indicated by these gauges are reliable.

Thus any pressure gauge whose indications appear to be abnormal shall be immediately removed, verified or recalibrated if necessary.

Confirmation of gauge accuracy should be maintained by periodic testing.

Verification and recalibration shall be carried out by competent personnel using appropriated test equipment.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 - 55.1111.
 Stainless Steel Manometer – Case 63MM (2.1/2”) – Glycerin Filled
 Brass Connection 1/4”NPT Down



REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.1111.007	0 - 7	63	2.1/2"	0 - 7	0 - 100
55.1111.010	0 - 10	63	2.1/2"	0 - 10	0 - 145
55.1111.016	0 - 16	63	2.1/2"	0 - 16	0 - 230
55.1111.025	0 - 25	63	2.1/2"	0 - 25	0 - 360
55.1111.040	0 - 40	63	2.1/2"	0 - 40	0 - 580
55.1111.060	0 - 60	63	2.1/2"	0 - 60	0 - 870
55.1111.100	0 - 100	63	2.1/2"	0 - 100	0 - 1450
55.1111.160	0 - 160	63	2.1/2"	0 - 160	0 - 2320
55.1111.250	0 - 250	63	2.1/2"	0 - 250	0 - 3625
55.1111.300	0 - 300	63	2.1/2"	0 - 300	0 - 4350
55.1111.400	0 - 400	63	2.1/2"	0 - 400	0 - 5800
55.1111.500	0 - 500	63	2.1/2"	0 - 500	0 - 7250
55.1111.600	0 - 600	63	2.1/2"	0 - 600	0 - 8700
55.1111.700	0 - 700	63	2.1/2"	0 - 700	0 - 10150

ACCURACY: 1.6% or 2.5%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale value
 fluctuating: 2/3 full scale value
 short time: full scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4"NPT down
WINDOW: polycarbonate
CASE MATERIAL: stainless steel

CASE SIZE: 63mm (2.1/2")
CASE FILL: glycerin 99.5%
WORKING TEMPERATURE: -20°C (-4°F)
 +60°C (+140°F)

APPLICATIONS: for measuring points with high dynamic pressure, pulsations or vibrations. Hydraulics and compressors.



Balflex® Bourdon Tube Pressure Gauge



As per DIN EN 837 - 1 and ASME B40.100 – 55.1112.

Stainless Steel Manometer – Case 63MM (2.1/2”) – Glycerin Filled
Brass Connection 1/4”NPT Center back with U-Bracket

REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.1112.007	0 – 7	63	2.1/2"	0 – 7	0 – 100
55.1112.010	0 – 10	63	2.1/2"	0 – 10	0 – 145
55.1112.016	0 – 16	63	2.1/2"	0 – 16	0 – 230
55.1112.025	0 – 25	63	2.1/2"	0 – 25	0 – 360
55.1112.040	0 – 40	63	2.1/2"	0 – 40	0 – 580
55.1112.060	0 – 60	63	2.1/2"	0 – 60	0 – 870
55.1112.100	0 – 100	63	2.1/2"	0 – 100	0 – 1450
55.1112.160	0 – 160	63	2.1/2"	0 – 160	0 – 2320
55.1112.250	0 – 250	63	2.1/2"	0 – 250	0 – 3625
55.1112.300	0 – 300	63	2.1/2"	0 – 300	0 – 4350
55.1112.400	0 – 400	63	2.1/2"	0 – 400	0 – 5800
55.1112.500	0 – 500	63	2.1/2"	0 – 500	0 – 7250
55.1112.600	0 – 600	63	2.1/2"	0 – 600	0 – 8700
55.1112.700	0 – 700	63	2.1/2"	0 – 700	0 – 10150

ACCURACY: 1.6% or 2.5%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale value
fluctuating: 2/3 full scale value
short time: full scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4”NPT center back with U-Bracket
WINDOW: polycarbonate
CASE MATERIAL: stainless steel

CASE SIZE: 63mm (2.1/2")
CASE FILL: glycerin 99,5%
WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with high dynamic pressure, pulsations or vibrations. Hydraulics and compressors.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 - 55.1113.
Stainless Steel Manometer – Case 63MM (2.1/2”) – Glycerin Filled
Brass Connection 1/4”BSPP Down



REFERENCE	serie		case size		pressure	
	bar		mm	inch	bar	PSI
55.1113.007	0 - 7		63	2.1/2"	0 - 7	0 - 100
55.1113.010	0 - 10		63	2.1/2"	0 - 10	0 - 145
55.1113.016	0 - 16		63	2.1/2"	0 - 16	0 - 230
55.1113.025	0 - 25		63	2.1/2"	0 - 25	0 - 360
55.1113.040	0 - 40		63	2.1/2"	0 - 40	0 - 580
55.1113.060	0 - 60		63	2.1/2"	0 - 60	0 - 870
55.1113.100	0 - 100		63	2.1/2"	0 - 100	0 - 1450
55.1113.160	0 - 160		63	2.1/2"	0 - 160	0 - 2320
55.1113.250	0 - 250		63	2.1/2"	0 - 250	0 - 3625
55.1113.300	0 - 300		63	2.1/2"	0 - 300	0 - 4350
55.1113.400	0 - 400		63	2.1/2"	0 - 400	0 - 5800
55.1113.500	0 - 500		63	2.1/2"	0 - 500	0 - 7250
55.1113.600	0 - 600		63	2.1/2"	0 - 600	0 - 8700
55.1113.700	0 - 700		63	2.1/2"	0 - 700	0 - 10150

ACCURACY: 1.6% or 2.5%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale
value fluctuating: 2/3 full scale value
short time: full scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4"NPT down
WINDOW: polycarbonate
CASE MATERIAL: stainless steel

CASE SIZE: 63mm (2.1/2")
CASE FILL: glycerin 99.5%
WORKING TEMPERATURE: -20°C (-4°F)
+60°C (+140°F)

APPLICATIONS: for measuring points
with high dynamic pressure, pulsations or
vibrations. Hydraulics and compressors.



Balflex® Bourdon Tube Pressure Gauge



As per DIN EN 837 - 1 and ASME B40.100 – 55.1114.

Stainless Steel Manometer – Case 63MM (2.1/2”) – Glycerin Filled

Brass Connection 1/4”BSPP Center back with U-Bracket

REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.1114.007	0 – 7	63	2.1/2"	0 – 7	0 – 100
55.1114.010	0 – 10	63	2.1/2"	0 – 10	0 – 145
55.1114.016	0 – 16	63	2.1/2"	0 – 16	0 – 230
55.1114.025	0 – 25	63	2.1/2"	0 – 25	0 – 360
55.1114.040	0 – 40	63	2.1/2"	0 – 40	0 – 580
55.1114.060	0 – 60	63	2.1/2"	0 – 60	0 – 870
55.1114.100	0 – 100	63	2.1/2"	0 – 100	0 – 1450
55.1114.160	0 – 160	63	2.1/2"	0 – 160	0 – 2320
55.1114.250	0 – 250	63	2.1/2"	0 – 250	0 – 3625
55.1114.300	0 – 300	63	2.1/2"	0 – 300	0 – 4350
55.1114.400	0 – 400	63	2.1/2"	0 – 400	0 – 5800
55.1114.500	0 – 500	63	2.1/2"	0 – 500	0 – 7250
55.1114.600	0 – 600	63	2.1/2"	0 – 600	0 – 8700
55.1114.700	0 – 700	63	2.1/2"	0 – 700	0 – 10150

ACCURACY: 1.6% or 2.5%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale value
 fluctuating: 2/3 full scale value
 short time: full scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4”NPT center back with U-Bracket
WINDOW: polycarbonate
CASE MATERIAL: stainless steel

CASE SIZE: 63mm (2.1/2")
CASE FILL: glycerin 99,5%
WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with high dynamic pressure, pulsations or vibrations. Hydraulics and compressors.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.2321.

ABS Manometer – Case 53MM (2”) – Dry

Brass Connection 1/4”NPT Down



REFERENCE	serie		case size		pressure	
	bar		mm	inch	bar	PSI
55.2321.004	0 - 4		53	2"	0 - 4	0 - 60
55.2321.007	0 - 7		53	2"	0 - 7	0 - 100
55.2321.010	0 - 10		53	2"	0 - 10	0 - 145
55.2321.016	0 - 16		53	2"	0 - 16	0 - 230
55.2321.025	0 - 25		53	2"	0 - 25	0 - 360
55.2321.040	0 - 40		53	2"	0 - 40	0 - 580
55.2321.060	0 - 60		53	2"	0 - 60	0 - 870
55.2321.100	0 - 100		53	2"	0 - 100	0 - 1450
55.2321.160	0 - 160		53	2"	0 - 160	0 - 2320
55.2321.250	0 - 250		53	2"	0 - 250	0 - 3625
55.2321.400	0 - 400		53	2"	0 - 400	0 - 5800
55.2321.500	0 - 500		53	2"	0 - 500	0 - 7250

ACCURACY: 1.6%

SCALES: in bar and PSI (red color)

WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze

CONNECTION: brass 1/4”NPT down

WINDOW: polycarbonate

CASE MATERIAL: ABS

CASE SIZE: 53mm (2")

CASE FILL: dry

WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses. Compressors.



Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.2322.

ABS Manometer – Case 53MM (2") – Dry

Brass Connection 1/4"NPT Center back with U-Bracket



REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.2322.004	0 – 4	53	2"	0 – 4	0 – 60
55.2322.007	0 – 7	53	2"	0 – 7	0 – 100
55.2322.010	0 – 10	53	2"	0 – 10	0 – 145
55.2322.016	0 – 16	53	2"	0 – 16	0 – 230
55.2322.025	0 – 25	53	2"	0 – 25	0 – 360
55.2322.040	0 – 40	53	2"	0 – 40	0 – 580
55.2322.060	0 – 60	53	2"	0 – 60	0 – 870
55.2322.100	0 – 100	53	2"	0 – 100	0 – 1450
55.2322.160	0 – 160	53	2"	0 – 160	0 – 2320
55.2322.250	0 – 250	53	2"	0 – 250	0 – 3625
55.2322.400	0 – 400	53	2"	0 – 400	0 – 5800
55.2322.500	0 – 500	53	2"	0 – 500	0 – 7250

ACCURACY: 1.6%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4"NPT center back with U-Bracket
WINDOW: polycarbonate
CASE MATERIAL: ABS

CASE SIZE: 53mm (2")
CASE FILL: dry
WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses. Compressors.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.2323.

ABS Manometer – Case 53MM (2”) – Dry

Brass Connection 1/4”BSPP Down



REFERENCE	serie		case size		pressure	
	bar		mm	inch	bar	PSI
55.2321.007	0 - 7		53	2"	0 - 7	0 - 100
55.2321.010	0 - 10		53	2"	0 - 10	0 - 145
55.2321.016	0 - 16		53	2"	0 - 16	0 - 230
55.2321.025	0 - 25		53	2"	0 - 25	0 - 360
55.2321.040	0 - 40		53	2"	0 - 40	0 - 580
55.2321.060	0 - 60		53	2"	0 - 60	0 - 870
55.2321.100	0 - 100		53	2"	0 - 100	0 - 1450
55.2321.160	0 - 160		53	2"	0 - 160	0 - 2320
55.2321.250	0 - 250		53	2"	0 - 250	0 - 3625
55.2321.400	0 - 400		53	2"	0 - 400	0 - 5800
55.2321.500	0 - 500		53	2"	0 - 500	0 - 7250

ACCURACY: 1.6%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4”NPT down
WINDOW: polycarbonate
CASE MATERIAL: ABS

CASE SIZE: 53mm (2")
CASE FILL: dry
WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses.



Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.2324.

ABS Manometer – Case 53MM (2") – Dry

Brass Connection 1/4"NPT Center back with U-Bracket



REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.2322.007	0 - 7	53	2"	0 - 7	0 - 100
55.2322.010	0 - 10	53	2"	0 - 10	0 - 145
55.2322.016	0 - 16	53	2"	0 - 16	0 - 230
55.2322.025	0 - 25	53	2"	0 - 25	0 - 360
55.2322.040	0 - 40	53	2"	0 - 40	0 - 580
55.2322.060	0 - 60	53	2"	0 - 60	0 - 870
55.2322.100	0 - 100	53	2"	0 - 100	0 - 1450
55.2322.160	0 - 160	53	2"	0 - 160	0 - 2320
55.2322.250	0 - 250	53	2"	0 - 250	0 - 3625
55.2322.400	0 - 400	53	2"	0 - 400	0 - 5800
55.2322.500	0 - 500	53	2"	0 - 500	0 - 7250

ACCURACY: 1.6%

SCALES: in bar and PSI (red color)

WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze

CONNECTION: brass 1/4"NPT center back with U-Bracket

WINDOW: polycarbonate

CASE MATERIAL: ABS

CASE SIZE: 53mm (2")

CASE FILL: dry

WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.2121.

ABS Manometer – Case 63MM (2.1/2”) – Dry

Brass Connection 1/4”NPT Down



REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.2121.007	0 – 7	63	2.1/2"	0 – 7	0 – 100
55.2121.010	0 – 10	63	2.1/2"	0 – 10	0 – 145
55.2121.016	0 – 16	63	2.1/2"	0 – 16	0 – 230
55.2121.025	0 – 25	63	2.1/2"	0 – 25	0 – 360
55.2121.040	0 – 40	63	2.1/2"	0 – 40	0 – 580
55.2121.060	0 – 60	63	2.1/2"	0 – 60	0 – 870
55.2121.100	0 – 100	63	2.1/2"	0 – 100	0 – 1450
55.2121.160	0 – 160	63	2.1/2"	0 – 160	0 – 2320
55.2121.250	0 – 250	63	2.1/2"	0 – 250	0 – 3625
55.2121.400	0 – 400	63	2.1/2"	0 – 400	0 – 5800
55.2121.500	0 – 500	63	2.1/2"	0 – 500	0 – 7250

ACCURACY: 1.6% or 2.5%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4”NPT down
WINDOW: polycarbonate
CASE MATERIAL: ABS

CASE SIZE: 63mm (2.1/2")
CASE FILL: dry
WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses.



Balflex® Bourdon Tube Pressure Gauge



As per DIN EN 837 - 1 and ASME B40.100 – 55.2122.

ABS Manometer – Case 63MM (2.1/2”) – Dry

Brass Connection 1/4”NPT Center back with U-Bracket

REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.2122.007	0 – 7	63	2.1/2”	0 – 7	0 – 100
55.2122.010	0 – 10	63	2.1/2”	0 – 10	0 – 145
55.2122.016	0 – 16	63	2.1/2”	0 – 16	0 – 230
55.2122.025	0 – 25	63	2.1/2”	0 – 25	0 – 360
55.2122.040	0 – 40	63	2.1/2”	0 – 40	0 – 580
55.2122.060	0 – 60	63	2.1/2”	0 – 60	0 – 870
55.2122.100	0 – 100	63	2.1/2”	0 – 100	0 – 1450
55.2122.160	0 – 160	63	2.1/2”	0 – 160	0 – 2320
55.2122.250	0 – 250	63	2.1/2”	0 – 250	0 – 3625
55.2122.400	0 – 400	63	2.1/2”	0 – 400	0 – 5800
55.2122.500	0 – 500	63	2.1/2”	0 – 500	0 – 7250

ACCURACY: 1.6% or 2.5%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4”NPT center back with U-Bracket
WINDOW: polycarbonate
CASE MATERIAL: ABS

CASE SIZE: 63mm (2.1/2”)
CASE FILL: dry
WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.2123.

ABS Manometer – Case 63MM (2.1/2”) – Dry

Brass Connection 1/4”BSPP Down



REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.2123.007	0 – 7	63	2.1/2"	0 – 7	0 – 100
55.2123.010	0 – 10	63	2.1/2"	0 – 10	0 – 145
55.2123.016	0 – 16	63	2.1/2"	0 – 16	0 – 230
55.2123.025	0 – 25	63	2.1/2"	0 – 25	0 – 360
55.2123.040	0 – 40	63	2.1/2"	0 – 40	0 – 580
55.2123.060	0 – 60	63	2.1/2"	0 – 60	0 – 870
55.2123.100	0 – 100	63	2.1/2"	0 – 100	0 – 1450
55.2123.160	0 – 160	63	2.1/2"	0 – 160	0 – 2320
55.2123.250	0 – 250	63	2.1/2"	0 – 250	0 – 3625
55.2123.400	0 – 400	63	2.1/2"	0 – 400	0 – 5800
55.2123.500	0 – 500	63	2.1/2"	0 – 500	0 – 7250

ACCURACY: 1.6% or 2.5%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4”BSPP down
WINDOW: polycarbonate
CASE MATERIAL: ABS

CASE SIZE: 63mm (2.1/2")
CASE FILL: dry
WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses.



Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.2124.

ABS Manometer – Case 63MM (2.1/2”) – Dry

Brass Connection 1/4”BSPP Center back with U-Bracket



REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.2124.007	0 – 7	63	2.1/2"	0 – 7	0 – 100
55.2124.010	0 – 10	63	2.1/2"	0 – 10	0 – 145
55.2124.016	0 – 16	63	2.1/2"	0 – 16	0 – 230
55.2124.025	0 – 25	63	2.1/2"	0 – 25	0 – 360
55.2124.040	0 – 40	63	2.1/2"	0 – 40	0 – 580
55.2124.060	0 – 60	63	2.1/2"	0 – 60	0 – 870
55.2124.100	0 – 100	63	2.1/2"	0 – 100	0 – 1450
55.2124.160	0 – 160	63	2.1/2"	0 – 160	0 – 2320
55.2124.250	0 – 250	63	2.1/2"	0 – 250	0 – 3625
55.2124.400	0 – 400	63	2.1/2"	0 – 400	0 – 5800
55.2124.500	0 – 500	63	2.1/2"	0 – 500	0 – 7250

ACCURACY: 1.6% or 2.5%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4
scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4”BSPP center back
with U-Bracket
WINDOW: polycarbonate
CASE MATERIAL: ABS

CASE SIZE: 63mm (2.1/2")
CASE FILL: dry
WORKING TEMPERATURE: -20°C (-4°F)
+60°C (+140°F)

APPLICATIONS: for measuring points with
dynamic pressure, without oscillations,
vibrations or pulses.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.3121.

Steel Black Painted Manometer – Case 63MM (2.1/2”) – Dry

Brass Connection 1/4”NPT Down



REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.3121.007	0 - 7	63	2.1/2"	0 - 7	0 - 100
55.3121.010	0 - 10	63	2.1/2"	0 - 10	0 - 145
55.3121.016	0 - 16	63	2.1/2"	0 - 16	0 - 230
55.3121.025	0 - 25	63	2.1/2"	0 - 25	0 - 360
55.3121.040	0 - 40	63	2.1/2"	0 - 40	0 - 580
55.3121.060	0 - 60	63	2.1/2"	0 - 60	0 - 870
55.3121.100	0 - 100	63	2.1/2"	0 - 100	0 - 1450
55.3121.160	0 - 160	63	2.1/2"	0 - 160	0 - 2320
55.3121.250	0 - 250	63	2.1/2"	0 - 250	0 - 3625
55.3121.400	0 - 400	63	2.1/2"	0 - 400	0 - 5800
55.3121.500	0 - 500	63	2.1/2"	0 - 500	0 - 7250

ACCURACY: 1.6%

SCALES: in bar and PSI (red color)

WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze

CONNECTION: brass 1/4”NPT down

WINDOW: polycarbonate

CASE MATERIAL: steel black painted

CASE SIZE: 63mm (2.1/2”)

CASE FILL: dry

WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses.



Balflex® Bourdon Tube Pressure Gauge



As per DIN EN 837 - 1 and ASME B40.100 – 55.3122.

Steel Black Painted Manometer – Case 63MM (2.1/2”) – Dry

Brass Connection 1/4”NPT Center back with U-Bracket

REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.3122.007	0 – 7	63	2.1/2”	0 – 7	0 – 100
55.3122.010	0 – 10	63	2.1/2”	0 – 10	0 – 145
55.3122.016	0 – 16	63	2.1/2”	0 – 16	0 – 230
55.3122.025	0 – 25	63	2.1/2”	0 – 25	0 – 360
55.3122.040	0 – 40	63	2.1/2”	0 – 40	0 – 580
55.3122.060	0 – 60	63	2.1/2”	0 – 60	0 – 870
55.3122.100	0 – 100	63	2.1/2”	0 – 100	0 – 1450
55.3122.160	0 – 160	63	2.1/2”	0 – 160	0 – 2320
55.3122.250	0 – 250	63	2.1/2”	0 – 250	0 – 3625
55.3122.400	0 – 400	63	2.1/2”	0 – 400	0 – 5800
55.3122.500	0 – 500	63	2.1/2”	0 – 500	0 – 7250

ACCURACY: 1.6%

SCALES: in bar and PSI (red color)

WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze

CONNECTION: brass 1/4”NPT center back with U-Bracket

WINDOW: polycarbonate

CASE MATERIAL: steel black painted

CASE SIZE: 63mm (2.1/2”)

CASE FILL: dry

WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.3123.

Steel Black Painted Manometer – Case 63MM (2.1/2”) – Dry

Brass Connection 1/4”BSPP Down



REFERENCE	serie		case size		pressure	
	bar		mm	inch	bar	PSI
55.3123.007	0 - 7		63	2.1/2"	0 - 7	0 - 100
55.3123.010	0 - 10		63	2.1/2"	0 - 10	0 - 145
55.3123.016	0 - 16		63	2.1/2"	0 - 16	0 - 230
55.3123.025	0 - 25		63	2.1/2"	0 - 25	0 - 360
55.3123.040	0 - 40		63	2.1/2"	0 - 40	0 - 580
55.3123.060	0 - 60		63	2.1/2"	0 - 60	0 - 870
55.3123.100	0 - 100		63	2.1/2"	0 - 100	0 - 1450
55.3123.160	0 - 160		63	2.1/2"	0 - 160	0 - 2320
55.3123.250	0 - 250		63	2.1/2"	0 - 250	0 - 3625
55.3123.400	0 - 400		63	2.1/2"	0 - 400	0 - 5800
55.3123.500	0 - 500		63	2.1/2"	0 - 500	0 - 7250

ACCURACY: 1.6%
SCALES: in bar and PSI (red color)
WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze
CONNECTION: brass 1/4”BSPP down
WINDOW: polycarbonate
CASE MATERIAL: steel black painted

CASE SIZE: 63mm (2.1/2")
CASE FILL: dry
WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses.



Balflex® Bourdon Tube Pressure Gauge



As per DIN EN 837 - 1 and ASME B40.100 – 55.3124.

Steel Black Painted Manometer – Case 63MM (2.1/2”) – Dry

Brass Connection 1/4”BSPP Center back with U-Bracket

REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.3124.007	0 – 7	63	2.1/2”	0 – 7	0 – 100
55.3124.010	0 – 10	63	2.1/2”	0 – 10	0 – 145
55.3124.016	0 – 16	63	2.1/2”	0 – 16	0 – 230
55.3124.025	0 – 25	63	2.1/2”	0 – 25	0 – 360
55.3124.040	0 – 40	63	2.1/2”	0 – 40	0 – 580
55.3124.060	0 – 60	63	2.1/2”	0 – 60	0 – 870
55.3124.100	0 – 100	63	2.1/2”	0 – 100	0 – 1450
55.3124.160	0 – 160	63	2.1/2”	0 – 160	0 – 2320
55.3124.250	0 – 250	63	2.1/2”	0 – 250	0 – 3625
55.3124.400	0 – 400	63	2.1/2”	0 – 400	0 – 5800
55.3124.500	0 – 500	63	2.1/2”	0 – 500	0 – 7250

ACCURACY: 1.6%

SCALES: in bar and PSI (red color)

WORKING PRESSURE: steady: 3/4 scale value

BOURDON TUBE: bronze

CONNECTION: brass 1/4”BSPP center back with U-Bracket

WINDOW: polycarbonate

CASE MATERIAL: steel black painted

CASE SIZE: 63mm (2.1/2”)

CASE FILL: dry

WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with dynamic pressure, without oscillations, vibrations or pulses.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.1415.

Stainless Steel Manometer – Case 100MM (4”) – Glycerin Filled
Brass Connection 1/2”NPT Down



REFERENCE	serie		case size		pressure	
	bar		mm	inch	bar	PSI
55.1415.007	0 - 7		100	4"	0 - 7	0 - 100
55.1415.010	0 - 10		100	4"	0 - 10	0 - 145
55.1415.016	0 - 16		100	4"	0 - 16	0 - 230
55.1415.025	0 - 25		100	4"	0 - 25	0 - 360
55.1415.040	0 - 40		100	4"	0 - 40	0 - 580
55.1415.060	0 - 60		100	4"	0 - 60	0 - 870
55.1415.100	0 - 100		100	4"	0 - 100	0 - 1450
55.1415.160	0 - 160		100	4"	0 - 160	0 - 2320
55.1415.250	0 - 250		100	4"	0 - 250	0 - 3625
55.1415.300	0 - 300		100	4"	0 - 300	0 - 4350
55.1415.400	0 - 400		100	4"	0 - 400	0 - 5800
55.1415.500	0 - 500		100	4"	0 - 500	0 - 7250
55.1415.600	0 - 600		100	4"	0 - 600	0 - 8700
55.1415.700	0 - 700		100	4"	0 - 700	0 - 10150

ACCURACY: 1.6%

SCALES: in bar and PSI (red color)

WORKING PRESSURE: steady: 3/4 scale value; fluctuating: 2/3 full scale value; short time: full scale value

BOURDON TUBE: bronze

CONNECTION: brass 1/2”NPT down

WINDOW: polycarbonate

CASE MATERIAL: stainless steel

CASE SIZE: 100mm (4")

CASE FILL: glycerin 99.5 %

WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with high dynamic pressure, pulsations or vibrations. Hydraulics and compressors.



Balflex® Bourdon Tube Pressure Gauge



As per DIN EN 837 - 1 and ASME B40.100 – 55.1416.

Stainless Steel Manometer – Case 100MM (4”) – Glycerin Filled

Brass Connection 1/2”NPT Center back with U-Bracket

REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.1416.007	0 – 7	100	4”	0 – 7	0 – 100
55.1416.010	0 – 10	100	4”	0 – 10	0 – 145
55.1416.016	0 – 16	100	4”	0 – 16	0 – 230
55.1416.025	0 – 25	100	4”	0 – 25	0 – 360
55.1416.040	0 – 40	100	4”	0 – 40	0 – 580
55.1416.060	0 – 60	100	4”	0 – 60	0 – 870
55.1416.100	0 – 100	100	4”	0 – 100	0 – 1450
55.1416.160	0 – 160	100	4”	0 – 160	0 – 2320
55.1416.250	0 – 250	100	4”	0 – 250	0 – 3625
55.1416.300	0 – 300	100	4”	0 – 300	0 – 4350
55.1416.400	0 – 400	100	4”	0 – 400	0 – 5800
55.1416.500	0 – 500	100	4”	0 – 500	0 – 7250
55.1416.600	0 – 600	100	4”	0 – 600	0 – 8700
55.1416.700	0 – 700	100	4”	0 – 700	0 – 10150

ACCURACY: 1.6%

SCALES: in bar and PSI (red color)

WORKING PRESSURE: steady: 3/4 scale value; fluctuating: 2/3 full scale value; short time: full scale value

BOURDON TUBE: bronze

CONNECTION: brass 1/2”NPT center back with U-Bracket

WINDOW: polycarbonate

CASE MATERIAL: stainless steel

CASE SIZE: 100mm (4”)

CASE FILL: glycerin 99,5 %

WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with high dynamic pressure, pulsations or vibrations. Hydraulics and compressors.

Balflex® Bourdon Tube Pressure Gauge

As per DIN EN 837 - 1 and ASME B40.100 – 55.1417.

Stainless Steel Manometer – Case 100MM (4”) – Glycerin Filled
Brass Connection 1/2”BSPP Down



REFERENCE	serie		case size		pressure	
	bar		mm	inch	bar	PSI
55.1417.007	0 - 7		100	4"	0 - 7	0 - 100
55.1417.010	0 - 10		100	4"	0 - 10	0 - 145
55.1417.016	0 - 16		100	4"	0 - 16	0 - 230
55.1417.025	0 - 25		100	4"	0 - 25	0 - 360
55.1417.040	0 - 40		100	4"	0 - 40	0 - 580
55.1417.060	0 - 60		100	4"	0 - 60	0 - 870
55.1417.100	0 - 100		100	4"	0 - 100	0 - 1450
55.1417.160	0 - 160		100	4"	0 - 160	0 - 2320
55.1417.250	0 - 250		100	4"	0 - 250	0 - 3625
55.1417.300	0 - 300		100	4"	0 - 300	0 - 4350
55.1417.400	0 - 400		100	4"	0 - 400	0 - 5800
55.1417.500	0 - 500		100	4"	0 - 500	0 - 7250
55.1417.600	0 - 600		100	4"	0 - 600	0 - 8700
55.1417.700	0 - 700		100	4"	0 - 700	0 - 10150

ACCURACY: 1.6%

SCALES: in bar and PSI (red color)

WORKING PRESSURE: steady: 3/4 scale value; fluctuating: 2/3 full scale value; short time: full scale value

BOURDON TUBE: bronze

CONNECTION: brass 1/2"BSPP down

WINDOW: polycarbonate

CASE MATERIAL: stainless steel

CASE SIZE: 100mm (4")

CASE FILL: glycerin 99.5 %

WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with high dynamic pressure, pulsations or vibrations. Hydraulics and compressors.



Balflex® Bourdon Tube Pressure Gauge



As per DIN EN 837 - 1 and ASME B40.100 – 55.1418.

Stainless Steel Manometer – Case 100MM (4”) – Glycerin Filled

Brass Connection 1/2”BSPP Center back with U-Bracket

REFERENCE	serie	case size		pressure	
	bar	mm	inch	bar	PSI
55.1418.007	0 – 7	100	4”	0 – 7	0 – 100
55.1418.010	0 – 10	100	4”	0 – 10	0 – 145
55.1418.016	0 – 16	100	4”	0 – 16	0 – 230
55.1418.025	0 – 25	100	4”	0 – 25	0 – 360
55.1418.040	0 – 40	100	4”	0 – 40	0 – 580
55.1418.060	0 – 60	100	4”	0 – 60	0 – 870
55.1418.100	0 – 100	100	4”	0 – 100	0 – 1450
55.1418.160	0 – 160	100	4”	0 – 160	0 – 2320
55.1418.250	0 – 250	100	4”	0 – 250	0 – 3625
55.1418.300	0 – 300	100	4”	0 – 300	0 – 4350
55.1418.400	0 – 400	100	4”	0 – 400	0 – 5800
55.1418.500	0 – 500	100	4”	0 – 500	0 – 7250
55.1418.600	0 – 600	100	4”	0 – 600	0 – 8700
55.1418.700	0 – 700	100	4”	0 – 700	0 – 10150

ACCURACY: 1.6%

SCALES: in bar and PSI (red color)

WORKING PRESSURE: steady: 3/4 scale value; fluctuating: 2/3 full scale value; short time: full scale value

BOURDON TUBE: bronze

CONNECTION: brass 1/2”BSPP center back with U-Bracket

WINDOW: polycarbonate

CASE MATERIAL: stainless steel

CASE SIZE: 100mm (4”)

CASE FILL: glycerin 99,5 %

WORKING TEMPERATURE: -20°C (-4°F) +60°C (+140°F)

APPLICATIONS: for measuring points with high dynamic pressure, pulsations or vibrations. Hydraulics and compressors.

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U.S.A. and Canada

6000 South Loop East Freeway
Houston, Tx 77033
United States of America
Tel: (1) 713-928-6064
Email: sales@balflex.com
www.balflexusa.com

Europe Headquarters

R. Bouça dos Estilhadouros, 226/254
4445-044 Alfena, Portugal
Tel: (351) 229 698 160
Email: balflex@balflex.com
www.balflex.com

Germany

Franckensteinstraße 8
77749 Hohberg
Tel: (49) 07808 4318857
Email: info@2bhydraulik.de
www.balflex.com

South America

R. Padre Cesari Lelli, 1014
Rodovia BR-116
CEP 83420-000 Quatro Barras/PR
Brasil
Tel: (55) 41 3671 3450
Email: comercial@balflex.com.br
www.balflex.com

www.balflex.com

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