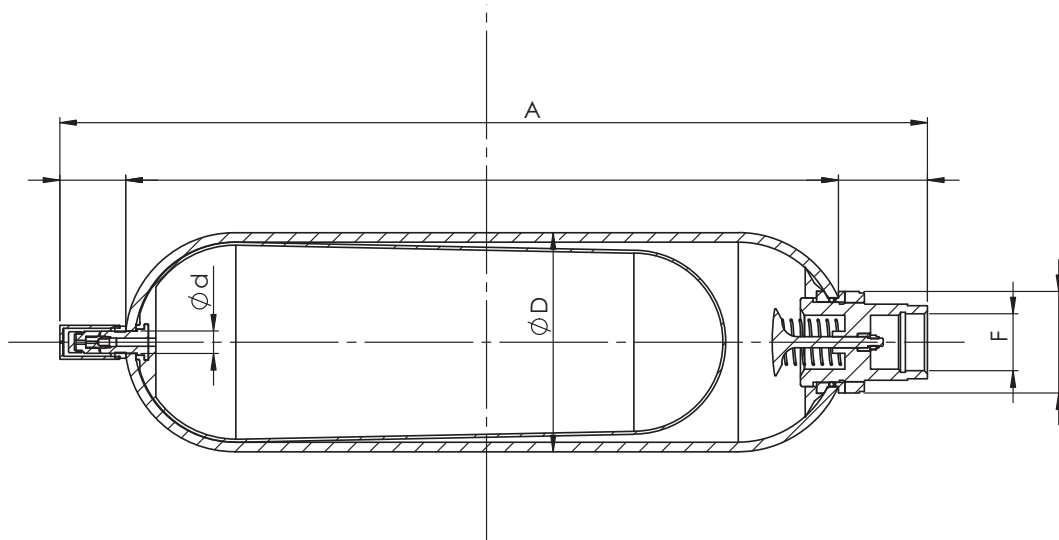


High Bladder European carbon steel accumulators

design EN14359 97/23/EC (1-50)L (350/355)bar@T(-45/+120)°C



EUROPEAN code	Description without precharge	Volume L	MAWP "Bar"	Nitrogen connection	Oil connection
A-51C-E001NK-DC	ACC. 1 380BAR CE M10X5/8" NBR 3/4"	1	380	5/8" M10x1,5	3/4" gas cil f
A-51C-E02.5NK-CC	ACC. 2.5 350BAR CE M10X5/8" NBR 1 1/4"	2,5	350	5/8" M10x1,5	1"1/4 gas cil f
A-51C-E004NK-CC	ACC. 4 350BAR CE M10X5/8" NBR 1 1/4"	4	350	5/8" M10x1,5	1"1/4 gas cil f
A-51C-E005NK-CC	ACC. 5 350BAR CE M10X5/8" NBR 1 1/4"	5	350	5/8" M10x1,5	1"1/4 gas cil f
A-51C-E006NK-CC	ACC. 6 350BAR CE M10X5/8" NBR 1 1/4"	6	350	5/8" M10x1,5	1"1/4 gas cil f
A-51C-E010NK-AC	ACC. 10 355BAR CE M10X5/8" NBR 2"	10	355	5/8" M10x1,5	2" gas cil f
A-51C-E020NK-AC	ACC. 20 355BAR CE M10X5/8" NBR 2"	20	355	5/8" M10x1,5	2" gas cil f
A-51C-E024.5NK-AC	ACC. 24.5 355BAR CE M10X5/8" NBR 2"	24,5	355	5/8" M10x1,5	2" gas cil f
A-51C-E032NK-AC	ACC. 32 355BAR CE M10X5/8" NBR 2"	32	355	5/8" M10x1,5	2" gas cil f
A-51C-E050NK-AC	ACC. 50 355BAR CE M10X5/8" NBR 2"	50	355	5/8" M10x1,5	2" gas cil f

EUROPEAN code	Kg	A mm	D mm	d mm	N2 valv	Fluid port F	Flow max L/min
A-51C-E001NK-DC	6	328	115	22	5/8"	3/4" gas cil f	244
A-51C-E02.5NK-CC	11	548	115	22	5/8"	1"1/4 gas cil f	450
A-51C-E004NK-CC	14	420	169	22	5/8"	1"1/4 gas cil f	450
A-51C-E005NK-CC	19	897	115	22	5/8"	1"1/4 gas cil f	450
A-51C-E006NK-CC	20	559	170	22	5/8"	1"1/4 gas cil f	450
A-51C-E010NK-AC	30	568	219	22	5/8"	2" gas cil f	900
A-51C-E020NK-AC	50	888	219	22	5/8"	2" gas cil f	900
A-51C-E024.5NK-AC	53	1028	219	22	5/8"	2" gas cil f	900
A-51C-E032NK-AC	80	1380	219	22	5/8"	2" gas cil f	900
A-51C-E050NK-AC	100	1885	219	22	5/8"	2" gas cil f	900

High Bladder European carbon steel accumulators

design ASME U-STAMP (10-50)L (3000/10000)psi@T(-40/+93)°C

EUROPEAN code	Description without precharge	Volume L	MAWP "Psi/Bar"	Nitrogen connection	Oil connection
A-51CEU010NK-AC	ACC. 10 3000Psi U STAMP M10X5/8" NBR 2"	10	3000/320	5/8" M10x1,5	2" gas cil f
A-51CEU020NK-AC	ACC. 20 3000Psi U STAMP M10X5/8" NBR 2"	20	3000/320	5/8" M10x1,5	2" gas cil f
A-51CEU024.5NK-AC	ACC. 24.5 3000Psi U STAMP M10X5/8" NBR 2"	24,5	3000/320	5/8" M10x1,5	2" gas cil f
A-51CEU032NK-AC	ACC. 32 3000Psi U STAMP M10X5/8" NBR 2"	32	3000/320	5/8" M10x1,5	2" gas cil f
A-51CEU050NK-AC	ACC. 50 3000Psi U STAMP M10X5/8" NBR 2"	50	3000/320	5/8" M10x1,5	2" gas cil f

EUROPEAN code	Description without precharge	Volume L	MAWP "Psi"	Nitrogen connection	Oil connection
A-51C4U010NK-AC	ACC. 10 4000Psi U STAMP M10X5/8" NBR 2"	10	4000	5/8" M10x1,5	2" gas cil f
A-51C4U020NK-AC	ACC. 20 4000Psi U STAMP M10X5/8" NBR 2"	20	4000	5/8" M10x1,5	2" gas cil f
A-51C4U024.5NK-AC	ACC. 24.5 4000Psi U STAMP M10X5/8" NBR 2"	24,5	4000	5/8" M10x1,5	2" gas cil f
A-51C4U032NK-AC	ACC. 32 4000Psi U STAMP M10X5/8" NBR 2"	32	4000	5/8" M10x1,5	2" gas cil f
A-51C4U050NK-AC	ACC. 50 4000Psi U STAMP M10X5/8" NBR 2"	50	4000	5/8" M10x1,5	2" gas cil f

EUROPEAN code	Description without precharge	Volume L	MAWP "Psi"	Nitrogen connection	Oil connection
A-51C6U010NK-AC	ACC. 10 6666Psi U STAMP M10X5/8" NBR 2"	10	6666	5/8" M10x1,5	2" gas cil f
A-51C6U020NK-AC	ACC. 20 6666Psi U STAMP M10X5/8" NBR 2"	20	6666	5/8" M10x1,5	2" gas cil f
A-51C6U024.5NK-AC	ACC. 24.5 6666Psi U STAMP M10X5/8" NBR 2"	24,5	6666	5/8" M10x1,5	2" gas cil f
A-51C6U032NK-AC	ACC. 32 6666Psi U STAMP M10X5/8" NBR 2"	32	6666	5/8" M10x1,5	2" gas cil f
A-51C6U050NK-AC	ACC. 50 6666Psi U STAMP M10X5/8" NBR 2"	50	6666	5/8" M10x1,5	2" gas cil f

EUROPEAN code	Description without precharge	Volume L	MAWP "Psi"	Nitrogen connection	Oil connection
A-51C1U010NK-AC	ACC. 10 10000Psi U STAMP M10X5/8" NBR 2"	10	10000	5/8" M10x1,5	2" gas cil f
A-51C1U020NK-AC	ACC. 20 10000Psi U STAMP M10X5/8" NBR 2"	20	10000	5/8" M10x1,5	2" gas cil f
A-51C1U024.5NK-AC	ACC. 24.5 10000Psi U STAMP M10X5/8" NBR 2"	24,5	10000	5/8" M10x1,5	2" gas cil f
A-51C1U032NK-AC	ACC. 32 10000Psi U STAMP M10X5/8" NBR 2"	32	10000	5/8" M10x1,5	2" gas cil f
A-51C1U050NK-AC	ACC. 50 10000Psi U STAMP M10X5/8" NBR 2"	50	10000	5/8" M10x1,5	2" gas cil f

EUROPEAN code	Kg EU/4	Kg 6	Kg 1	D EU/4 mm	D 6 mm	D 1 mm	d mm	N2 valv	Fluid port F	Flow max L/min
A-51C(EU4/6/1)010NK-AC	30	36	95	219	245	267	22	5/8"	2" gas cil f	900
A-51C(EU4/6/1)020NK-AC	50	54	134	219	245	267	22	5/8"	2" gas cil f	900
A-51C(EU4/6/1)024.5NK-AC	53	75	170	219	245	267	22	5/8"	2" gas cil f	900
A-51C(EU4/6/1)032NK-AC	80	100	227	219	245	267	22	5/8"	2" gas cil f	900
A-51C(EU4/6/1)050NK-AC	100	138	318	219	245	267	22	5/8"	2" gas cil f	900

High Bladder European carbon steel accumulators

design RINA (1-50)L (340)bar @ T(-45/+120)°C

EUROPEAN code	Description without precharge	Volume L	MAWP "Bar"	Nitrogen connection	Oil connection
A-51C-R001NK-DC	ACC. 1 340BAR CE M10X5/8" NBR 3/4"	1	340	5/8" M10x1,5	3/4" gas cil f
A-51C-R02.5NK-CC	ACC. 2.5 340BAR CE M10X5/8" NBR 1 1/4"	2,5	340	5/8" M10x1,5	1"1/4 gas cil f
A-51C-R004NK-CC	ACC. 4 340BAR CE M10X5/8" NBR 1 1/4"	4	340	5/8" M10x1,5	1"1/4 gas cil f
A-51C-R005NK-CC	ACC. 5 340BAR CE M10X5/8" NBR 1 1/4"	5	340	5/8" M10x1,5	1"1/4 gas cil f
A-51C-R006NK-CC	ACC. 6 340BAR CE M10X5/8" NBR 1 1/4"	6	340	5/8" M10x1,5	1"1/4 gas cil f
A-51C-R010NK-AC	ACC. 10 340BAR CE M10X5/8" NBR 2"	10	340	5/8" M10x1,5	2" gas cil f
A-51C-R020NK-AC	ACC. 20 340BAR CE M10X5/8" NBR 2"	20	340	5/8" M10x1,5	2" gas cil f
A-51C-R024.5NK-AC	ACC. 24.5 340BAR CE M10X5/8" NBR 2"	24,5	340	5/8" M10x1,5	2" gas cil f
A-51C-R032NK-AC	ACC. 32 340BAR CE M10X5/8" NBR 2"	32	340	5/8" M10x1,5	2" gas cil f
A-51C-R050NK-AC	ACC. 50 340BAR CE M10X5/8" NBR 2"	50	340	5/8" M10x1,5	2" gas cil f

EUROPEAN code	Kg	A mm	D mm	d mm	N2 valv	Fluid port F	Flow max L/min
A-51C-R001NK-DC	6	328	115	22	5/8"	3/4" gas cil f	244
A-51C-R02.5NK-CC	11	548	115	22	5/8"	1"1/4 gas cil f	450
A-51C-R004NK-CC	14	420	169	22	5/8"	1"1/4 gas cil f	450
A-51C-R005NK-CC	19	897	115	22	5/8"	1"1/4 gas cil f	450
A-51C-R006NK-CC	20	559	170	22	5/8"	1"1/4 gas cil f	450
A-51C-R010NK-AC	30	568	219	22	5/8"	2" gas cil f	900
A-51C-R020NK-AC	50	888	219	22	5/8"	2" gas cil f	900
A-51C-R024.5NK-AC	53	1028	219	22	5/8"	2" gas cil f	900
A-51C-R032NK-AC	80	1380	219	22	5/8"	2" gas cil f	900
A-51C-R050NK-AC	100	1885	219	22	5/8"	2" gas cil f	900

A	-	51C	-	E	050	NK	-	AC	x	xx	xx	xx	xx	xx	xx
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A: Bladder version hight pressure
51C: Carbon Steel
E: CE PED 97/23 EC
EU CE PED 97/23 EC + U Stamp 3000Psi
U: U Stamp
4U: U Stamp 4000Psi
6U: U Stamp 6666Psi
1U: U Stamp 10000Psi
L: Lloyd's
EL: CE PED 97/23 EC+ Lloyd's
R: Rina
ER: CE PED 97/23 EC + Rina
Z: Special
001-050: Volume in L

Bladder – O Ring

N: Perbunan NBR – standard
B: Butile
V: Viton
L: -28°C / low temperature
I: -32°C / very low temperature

Nitrogen gas valve

K: 5/8" 18 UNF – M10x1,5 in AISI 304
J: 5/8" 18 UNF – 1/2" 20 UNF in AISI 304
Y: Minimex P1620 - M10x1,5
V: a brugola / screw M28x1,5
W: 5/16" – 32 Schreader

Steel standard oil port valve

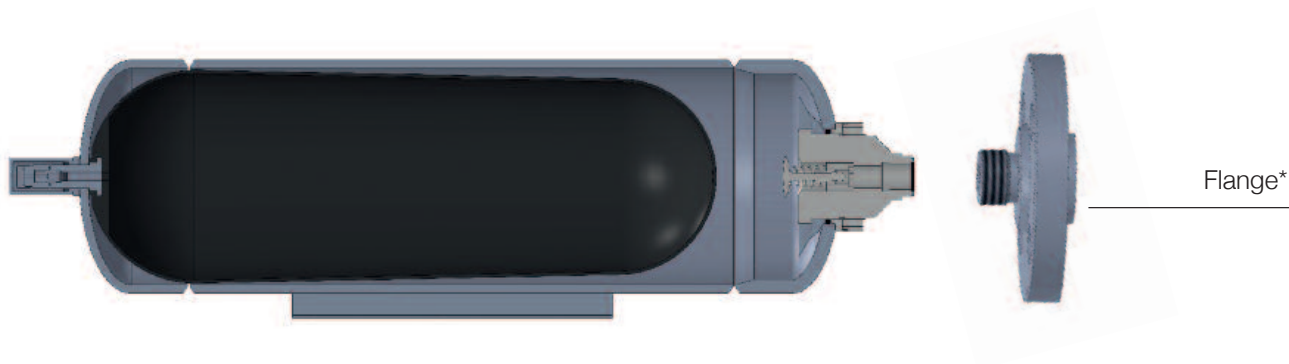
AC: 2" gas cil F (10-50)L
BC: 3/4" gas cil F (10-50)L
CC: 1"1/4 gas cil F (2,5-4-5-6)L
DC: 3/4" gas cil F (1)L
S6: 1"1/2 SAE 6000 (10-50 L)

Stainless steel AISI 316/L oil port valve

AX: 2" gas cil F (10-50)L
BX: 3/4" gas cil F (10-50)L
CX: 1"1/4 gas cil F (2,5-4-5-6)L
DX: 3/4" gas cil F (1)L
X6: 1"1/2 SAE 6000 (10-50 L)

Bladder stainless steel accumulators

design Asme VIII div I marked (10-50)L 60bar@T(-40/+150)°C



M	B	U	R	S	10	-	57	-	NK	-	xx	xx	xx	xx
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L : low pressure

M : medium pressure

H : hight pressure

B : bladder accumulator

E: CE PED 97/23 EC

U: U Stamp

EU: CE PED 97/23 EC + U STAMP

L: Lloyd's

EL: CE PED 97/23 EC+ Lloyd's

R: Rina

ER: CE PED 97/23 EC+ Rina

Z: Special

R: reparable

S: stainless stell AISI 316/L

C: carboon stell

01-575: Volume in L (from 50L to 575L on request)

Bladder – O Ring

N: Perbunan NBR – standard

B: Butile

V: Viton

L: -28°C / low temperature

I: -32°C / very low tempeature

Nitrogen valve

K: 5/8" 18 UNF – M10x1,5 in AISI 304

J: 5/8" 18 UNF – 1/2" 20 UNF 1A in AISI 304

X: 1/4" BSP – M10x1,5 in AISI 304

Y: Minimex M10x1,5 – M28x1,5

W: 5/16" – 32 Schreader

Stainless steel AISI 316/L oil port valve

AX: 2" gas cil F (10-50)L

BX: 3/4" gas cil F (10-50)L

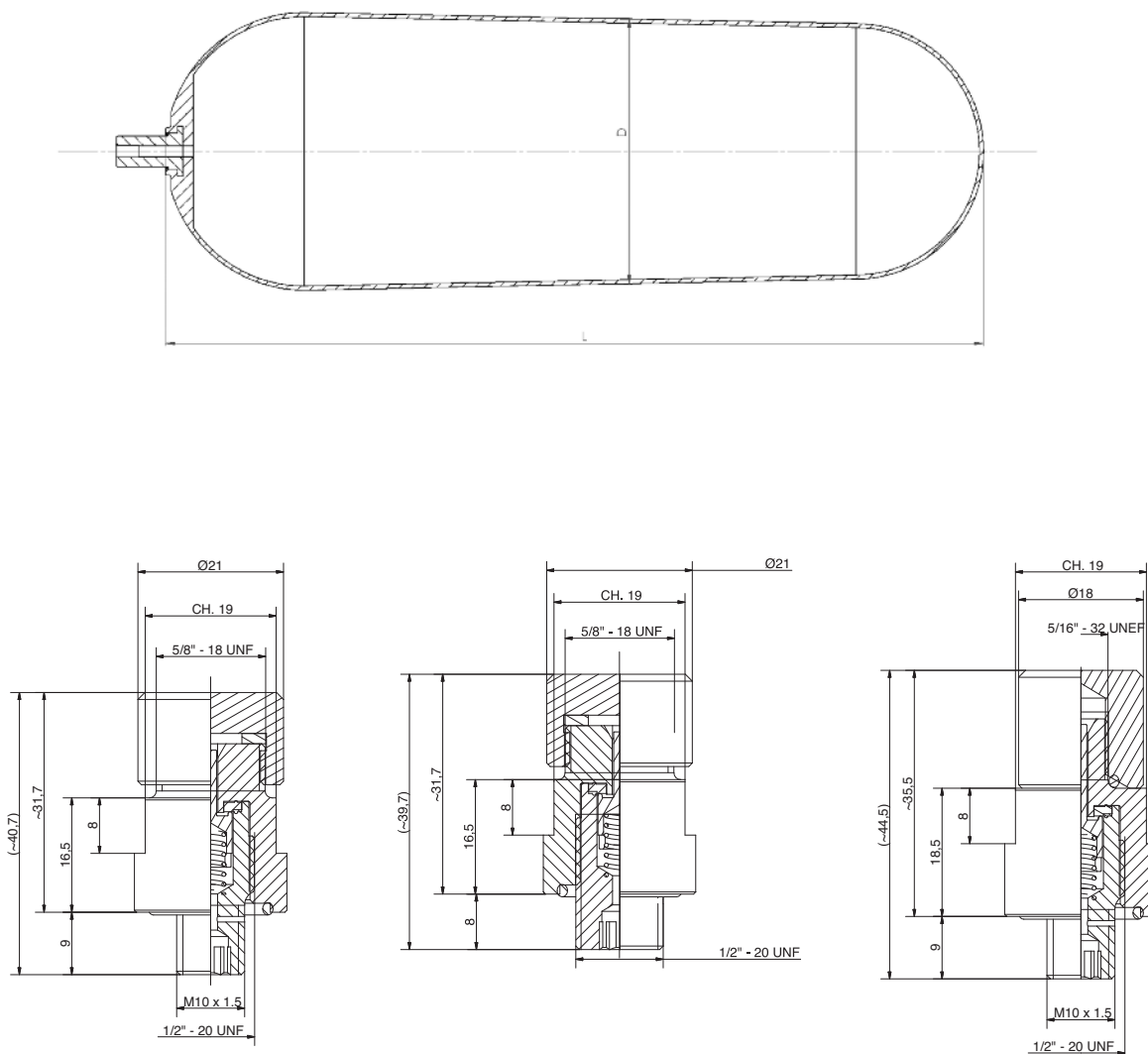
CX: 1"1/4 gas cil F (2,5-4-5-6)L

DX: 3/4" gas cil F (1)L

X6: 1"1/2 SAE 6000 (10-50L)

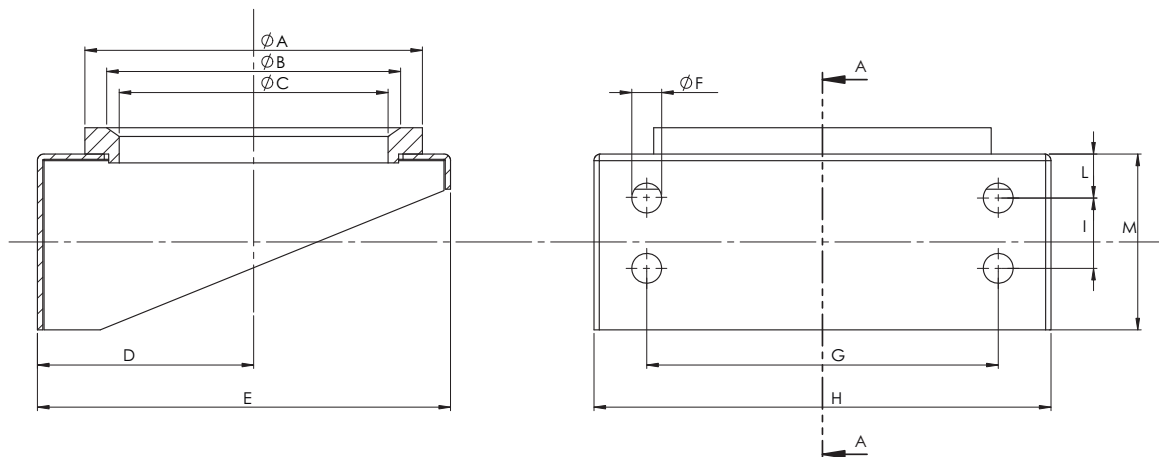
* On request special oil flange connection

Accessories Bladder with special package

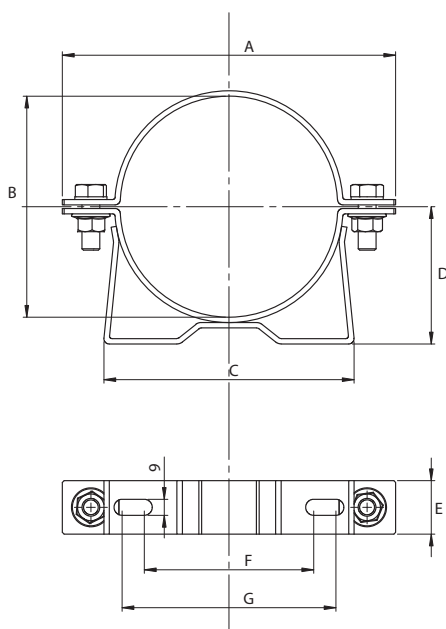


code NBR + 5/8" valve	Description	L (mm)	D	N2 valve connection	Bladder external diameter	standard (NBR)
SACCA-IMB-1-22NK	sacca 1L Diam 22 M10x1,5	149+/-5	100	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-2,5-22NK	sacca 2,5L Diam 22 M10x1,5	331+/-5	100	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-4-22NK	sacca 4L Diam 22 M10x1,5	208+/-10	150	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-5-22NK	sacca 5L Diam 22 M10x1,5	682+/-10	100	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-6-22NK	sacca 6L Diam 22 M10x1,5	426+/-10	150	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-10-22NK	sacca 10L Diam 22 M10x1,5	286+/-10	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-10-50NK	sacca 10L Diam 50 M10x1,5	286+/-10	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-20-22NK	sacca 20L Diam 22 M10x1,5	590+/-10	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-20-50NK	sacca 20L Diam 50 M10x1,5	590+/-10	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-24,5-22NK	sacca 24,5L Diam 22 M10x1,5	732+/-10	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-24,5-50NK	sacca 24,5L Diam 50 M10x1,5	732+/-10	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-32-22NK	sacca 32L Diam 22 M10x1,5	1114+/-15	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-32-50NK	sacca 32L Diam 50 M10x1,5	1114+/-15	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-50-22NK	sacca 50L Diam 22 M10x1,5	1611+/-15	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-50-50NK	sacca 50L Diam 50 M10x1,5	1611+/-15	200	5/8" 18UNF	7/8" 14UNF 1A	-15/+100

Accessories Bracket Clamp



code	Description	A	B	C	D	E	F	G	H	I	L	M
MENSOLA-C-89	MENSOLA C DIAM.89	125	101	89	73	140	13	75	130	-	25	60
MENSOLA-C-108	MENSOLA C DIAM.108	150	120	108	92	175	17	160	210	-	25	80
MENSOLA-C-159	MENSOLA C DIAM.159	200	170	159	123	235	17	200	260	40	25	100



code	Description	A	B	C	D	E	F	G
COLLARE-C-114	COLLARE CS DIAM.114	187	112/124	140	77	30	95	120
COLLARE-C-169	COLLARE CS DIAM.169	240	160/180	182	90	40	-	140
COLLARE-C-219	COLLARE CS DIAM.219	300	200/225	270	120	40	202	222