

OIIIIT



Accumulatori a sacca
Bladder accumulators

Con il fine di migliorare costantemente la qualità dei nostri prodotti, ci riserviamo il diritto di modificarne in qualsiasi momento le caratteristiche senza preavviso.

In order to constantly improve our products quality, we take the right to make changes to the catalogues at any time without notice.

ACCUMULATORE IDROPNEUMATICO

Gli accumulatori permettono l'accumulo di liquidi in pressione, essendo questi ultimi praticamente incompressibili.

L'accumulatore trattiene, immagazzina e restituisce fluido in pressione, basandosi sulla differenza di compressione che si crea tra gas e liquido.

PERCHE' UTILIZZARE L'ACCUMULATORE?

L'accumulatore migliora le caratteristiche dell'intero sistema, generando i seguenti vantaggi:

- miglioramento delle funzioni;
- allungamento della vita di esercizio;
- riduzione dei costi di esercizio e manutenzione;
- riduzione delle pulsazioni e dei rumori.

HIDROPNEUMATIC ACCUMULATOR

Accumulators allow fluid accumulation under pressure, the latter being practically incompressible.

The accumulator holds, stores, and returns fluid under pressure, based on the difference of compression that is created between gas and liquid.

WHY USE ACCUMULATOR?

The accumulator improves characteristics of entire system, generating the following advantages:

- improvement of functions;
- lengthening of working life;
- reducing cost of operation and maintenance;
- reduction pulse and noise.

FUNZIONAMENTO ACCUMULATORE A SACCA

V1 = Volume di azoto nell'accumulatore

V2 = Volume gas alla minima pressione idraulica

V3 = Volume gas alla massima pressione idraulica

V = Restituzione / stoccaggio tra P1 e P2

P1 = Precarica iniziale accumulatore

P2 = Pressione gas alla minima pressione idraulica

P3 = Pressione gas alla massima pressione idraulica

BLADDER ACCUMULATOR WORKING

V1 = Capacity in nitrogen of the accumulator

V2 = Gas volume at the minimum hydraulic pressure

V3 = Gas volume at the maximum hydraulic pressure

ΔV = Returned and/or stored volume between P1 and P2

P1 = Initial preload of the accumulator

P2 = Gas pressure at the minimum hydraulic pressure

P3 = Gas pressure at the maximum hydraulic pressure

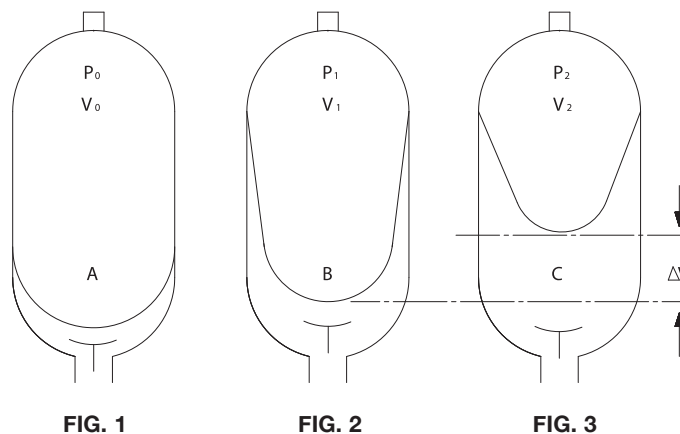


FIG. 1 - grazie alla grande comprimibilità / capacità di compressione dei gas, la sacca montata all'interno del corpo di un accumulatore viene pre-caricata con azoto.

FIG. 1 - thanks to the large compressibility / compression capacity of gas, bag mounted within body of the accumulator is pre-charged with nitrogen.

FIG. 2 - aggiungendo del liquido in pressione nell'accumulatore, otteniamo una compressione dell'azoto all'interno della sacca.

FIG. 2 - adding liquid under pressure in the accumulator, we obtain a compression of the nitrogen inside the bag.

FIG. 3 - il volume gassoso diminuisce aumentando la pressione e mantenendo in liquido in pressione.

FIG. 3 - the volume of gas decreases by increasing the pressure and keeping the liquid under pressure.

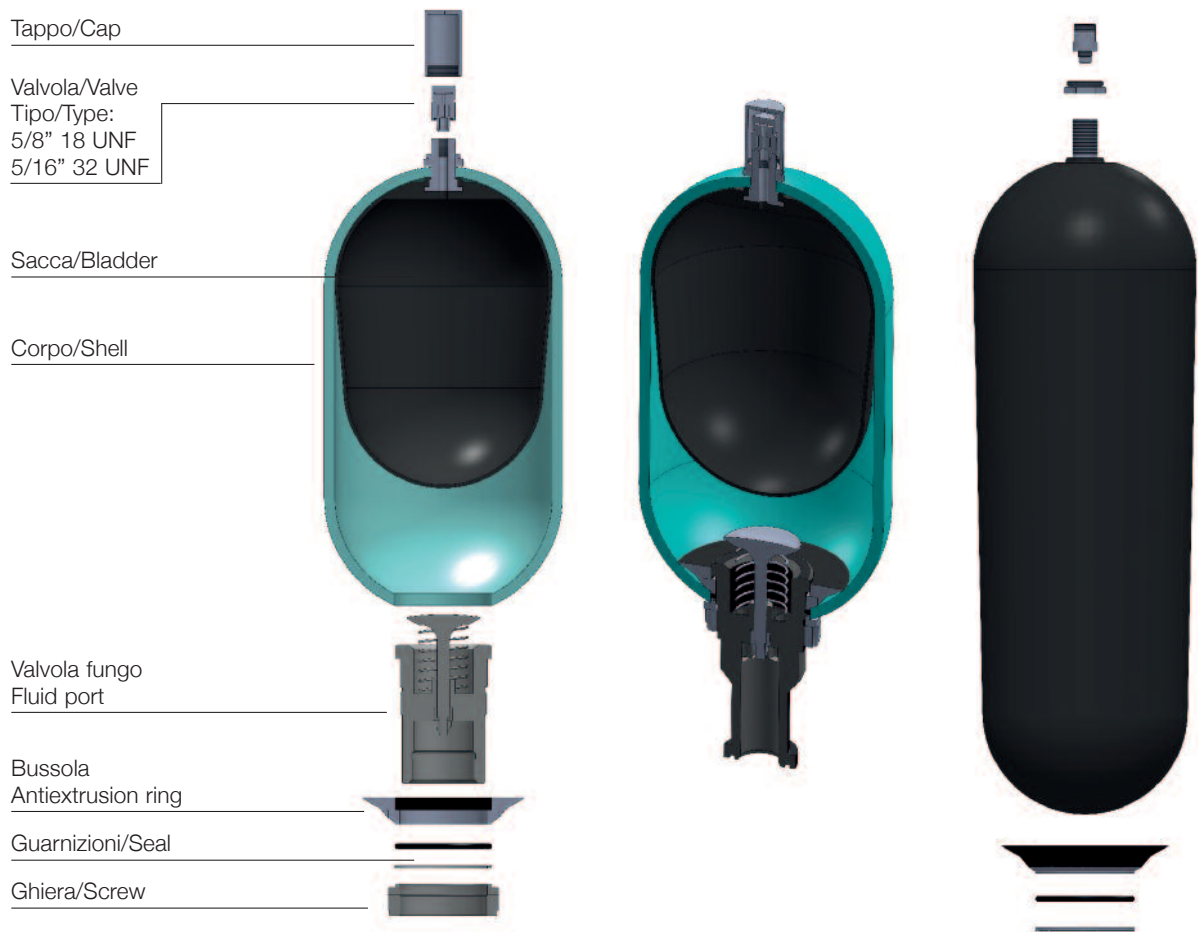
Accumulatori a sacca Bladder accumulators



L'accumulatore a sacca riparabile è composto da un corpo forgiato o saldato in acciaio al carbonio o acciaio inox, una sacca sostituibile, un valvola connessione azoto e una valvola connessione olio completa delle guarnizioni di tenuta. A seconda delle applicazioni, dei fluidi e del paese di destinazione, OMT sarà in grado di suggerire la scelta più idonea, selezionando i suddetti componenti.

Repairable bladder accumulator includes a carbon steel/stainless steel, forged/welded body, a replaceable bladder, a nitrogen valve connection and an oil valve connection with seals.

Depending on application, fluid and country destination, OMT will be able to suggest most appropriate choice concerning these components.



Tutti gli accumulatori verranno consegnati con sabbiatura a mano di fondo RAL 5005

Su richiesta si possono effettuare cicli di verniciatura a specifica e/o per aree off shore

Volumi fino a 500L pressioni fino a 10000psi

Pressione massima di lavoro fino a 470bar @ 120°C MDMT -45°C

Elastomeri compatibili con ogni tipo di fluido ed esigenza (alcuni esempi)

- elastomero standard T (-15/+100)°C
- elastomero basse temperature T (-28/+80)°C
- elastomero bassissime temperature T (-32/+115)°C
- elastomero in Butile T(-15/+120)°C
- elastomero in Viton T (-20/+140)°C

All accumulators will be delivered with sandblasting treatment and primer RAL 5005

On request will be organize special painting cycle and/to off shore area

Volumes up to 500L pressure up to 10000psi

Maximum working pressure 470bar @ 120°C MDMT -45°C

Elastomer compatible with all fluids and applications type (some examples)

- standard elastomer T (-15/+100)°C
- low Temperature elastomer T (-28/+80)°C
- very Low temperature T (-32/+115)°C
- butyl elastomer T(-15/+120)°C
- Viton elastomer T (-20/+140)°C

CAMPI DI UTILIZZO

- riserva di energia;
- funzione di emergenza e sicurezza;
- diminuzione delle vibrazioni, antipulsazioni, anticolpo di ariete, sospensioni idrauliche;
- stabilizzazione del flusso di aspirazione (compensatore di energia);
- regolazione del volume del flusso e perdite dovute ad un cambiamento della temperatura in un circuito idraulico chiuso, mantenendone la pressione;
- trasferimenti di pressione;
- accumulatori transfert (fluido/ fluido).

CHANGES OF USE

- power reserve;
- emergency function and safety;
- reduction of vibrations, Antipulsation, anti-stroke ram, hydraulic suspension;
- stabilization of the flow of intake air (compensator of energy);
- adjusting the volume of flow and losses due to a
- change in temperature in a closed hydraulic circuit, keeping the pressure;
- transfer of pressure;
- accumulators transfer (fluid / fluid).

MONTAGGIO

Si consiglia il montaggio dell'accumulatore in posizione verticale, con lato olio in basso.

E' sconsigliato il montaggio verticale, con il lato olio in alto.

BLADDER ACCUMULATOR WORKING

We recommend vertical position for accumulator fitting, with oil side at the bottom.

It 's not recommended to mount vertically, with oil side up.

Su richiesta costruzione personalizzate

CE PED 97/23 cat I / II / III - Modulo A / G
ATEX
CU-TR - CoC (ex GOST)
ARH Algerino
API 614
AS1210 Australian Standard
Canadian Register
RINA - ABS - LLOYD'S
NR13

Su richiesta disponibili :

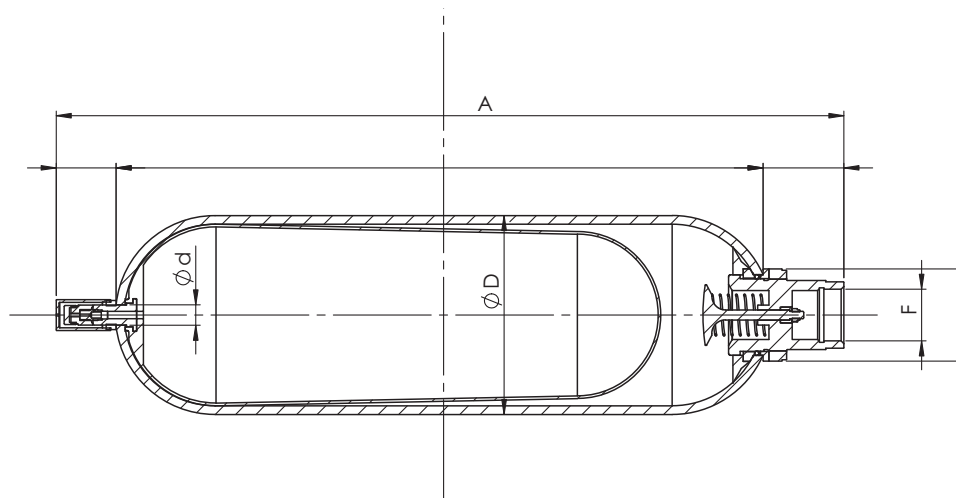
- dischi rottura / valvola lato azoto CE PED
- flange lato impianto a disegno
- spurghi lato impianto aggiuntivi
- connessioni speciali lato fluido BSP/ NPT

On request special construction

CE PED 97/23 cat I / II / III - Modulo A / G
ATEX
CU-TR - CoC (ex GOST)
ARH Algerino
API 614
AS1210 Australian Standard
Canadian Register
RINA - ABS - LLOYD'S
NR13

On request :

- burst disc CE PED / safety valves CE PED
- special oil flanges connection
- special oil drains
- special oil connection BSP / NPT



OMT code EUROPEAN	Description without precharge	Volum "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

OMT 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

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

OMT code EUROPEAN	Description without precharge	Volum "L"	MAWP "Psi/Bar"	Nitrogen connection	Oil connection
A-51CEU010NK-AC	ACC. 10 355BAR U STAMP M10X5/8" NBR 2"	10	3000/320	5/8" M10x1,5	2" gas cil f
A-51CEU020NK-AC	ACC. 20 355BAR U STAMP M10X5/8" NBR 2"	20	3000/320	5/8" M10x1,5	2" gas cil f
A-51CEU024.5NK-AC	ACC. 24.5 355BAR U STAMP M10X5/8" NBR 2"	24,5	3000/320	5/8" M10x1,5	2" gas cil f
A-51CEU032NK-AC	ACC. 32 355BAR U STAMP M10X5/8" NBR 2"	32	3000/320	5/8" M10x1,5	2" gas cil f
A-51CEU050NK-AC	ACC. 50 355BAR U STAMP M10X5/8" NBR 2"	50	3000/320	5/8" M10x1,5	2" gas cil f

OMT code EUROPEAN	Description without precharge	Volum "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

OMT code	Description without precharge	Volum "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

OMT code EUROPEAN	Description without precharge	Volum "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

OMT 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

OMT code EUROPEAN	Description without precharge	Volum "L"	MAWP "Bar"	Nitrogen connection	Oil connection
A-51C-R001NK-DC	ACC. 1 350BAR 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 350BAR 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 350BAR 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 350BAR 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 350BAR 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 355BAR CE M10X5/8" NBR 2"	10	340	5/8" M10x1,5	2" gas cil f
A-51C-R020NK-AC	ACC. 20 355BAR CE M10X5/8" NBR 2"	20	340	5/8" M10x1,5	2" gas cil f
A-51C-R024.5NK-AC	ACC. 24.5 355BAR CE M10X5/8" NBR 2"	24,5	340	5/8" M10x1,5	2" gas cil f
A-51C-R032NK-AC	ACC. 32 355BAR CE M10X5/8" NBR 2"	32	340	5/8" M10x1,5	2" gas cil f
A-51C-R050NK-AC	ACC. 50 355BAR CE M10X5/8" NBR 2"	50	340	5/8" M10x1,5	2" gas cil f

OMT 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

Legenda – Composizione codice

A	-	51C	-	E	050	NK	-	AC	x	xx	xx	xx	xx	xx	xx
---	---	-----	---	---	-----	----	---	----	---	----	----	----	----	----	----

A: Versione a sacca alta pressione / Bladder version high pressure

51C: Acciaio al carbonio / 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

R: Rina

ER: CE PED 97/23 EC + Rina

Z: Speciali

001-050: Volume in L / Volum L

Tipo di elastomero con gijera in acciaio: Sacca - O ring / Bladder - O Ring

N: Perbunan NBR – standard

B: Butile

V: Viton

LT28: bassa temperatura -28°C / low temperature

LT32: bassissima temperatura -32°C / very low temperature

Tipo valvola azoto / 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 Schreder

Tipo valvola olio standard in acciaio / 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

Tipo valvola olio in acciaio inox 316/L / stainless steel AISI 316/L oil port valve

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

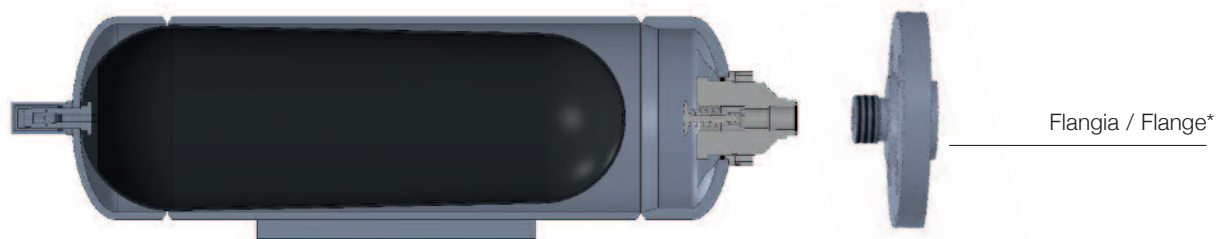
BX: 3/4" gas cil F (10-50)L

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

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

Accumulatori a sacca in AISI 316/L
Bladder stainless steel accumulators
design Asme VIII div I marked
(10-50)L 60bar @ T(-40/+150)°C

DIIT



Legenda – Composizione codice

M	B	U	R	S	10	-	57	-	NK	-	xx	xx	xx	xx
---	---	---	---	---	----	---	----	---	----	---	----	----	----	----

L : bassa pressione / low pressure
M : media pressione / medium pressure
H : alta pressione / high pressure

B : accumulatore a sacca / 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: riparabile / reparable

S: acciaio inox 316/L / stainless steel AISI 316/L

C: acciaio al carbonio / carbon steel

01-575: Volume in L / Volum L (oltre 50L su richiesta / from 50L to 575L on request)

Tipo di elastomero con ghiera acciaio : Sacca - O ring /
Bladder - O Ring

V: Perbunan NBR - standard

B: Butile

V: Viton

L: bassa temperatura -28°C /
low temperature

I: bassissima temperatura -32°C /
very low temperature

Tipo valvola azoto / 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 Schreder

Tipo valvola olio in acciaio inox 316/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

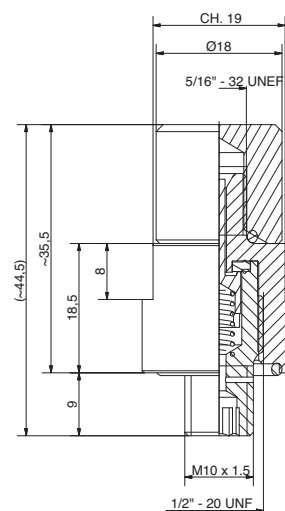
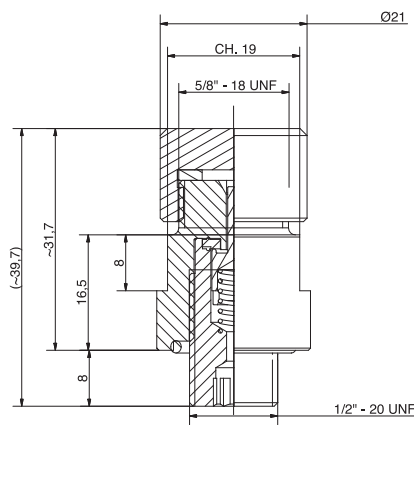
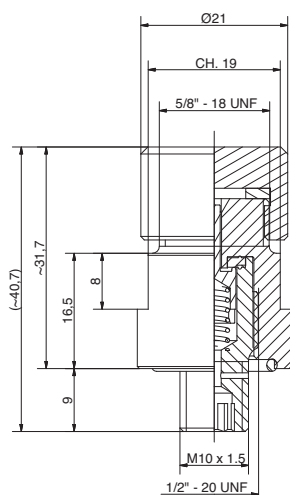
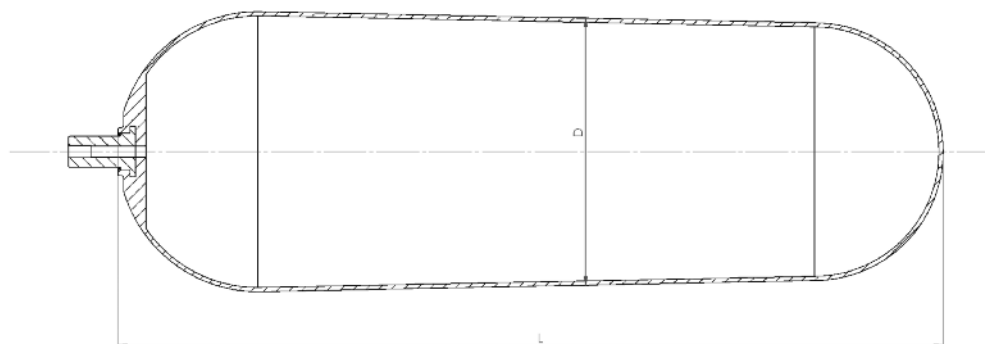
DX: 3/4" gas cil F (1)L

* Su richiesta flange lato impianto a disegno
On request special oil flange connection

Accessori / Accessories

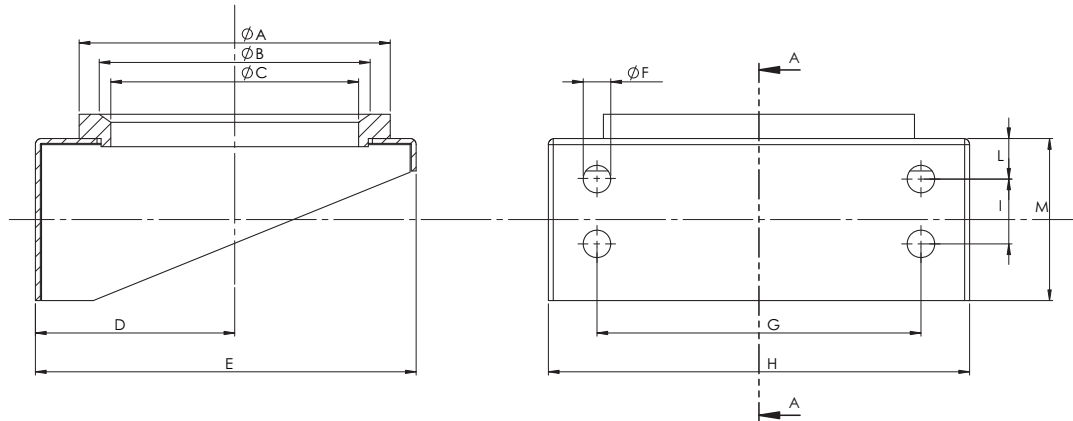
Sacca con imballo speciale

Bladder with special package

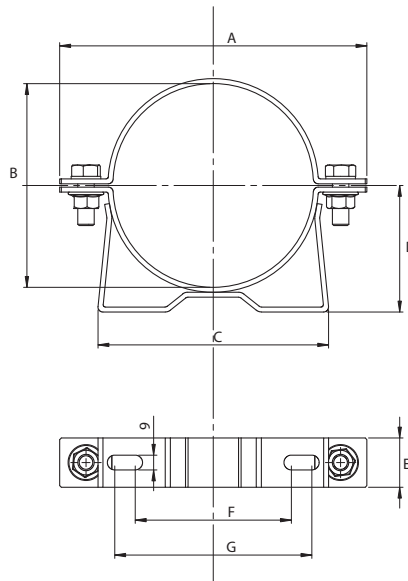


OMT code base NBR	Description without precharge	L (mm)	D	N2 valve connection	Bladder external diameter	standard (NBR)
SACCA-IMB-1-22NK	sacca 1L Diam 22 M10x1,5	149+/-5	100	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-2,5-22NK	sacca 2,5L Diam 22 M10x1,5	331+/-5	100	5/8" 18UNF	7/8" 14UNF 1A	-15/+100
SACCA-IMB-4-22NK	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

Accessori / Accessories Mensola / Bracket Collare / Clamp

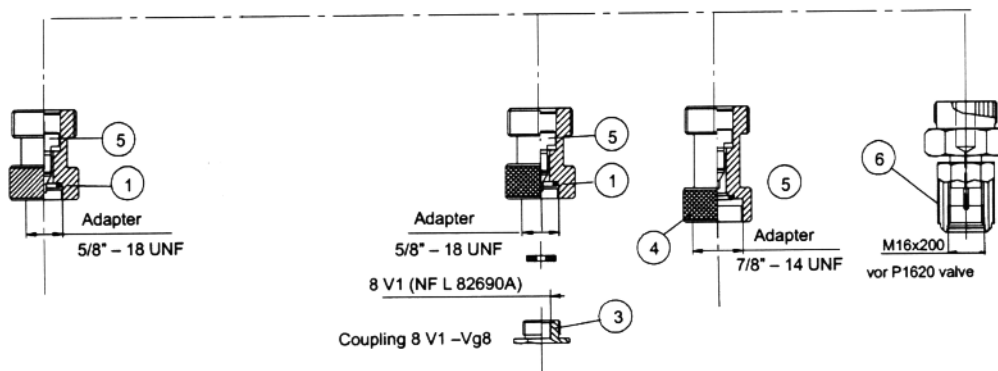
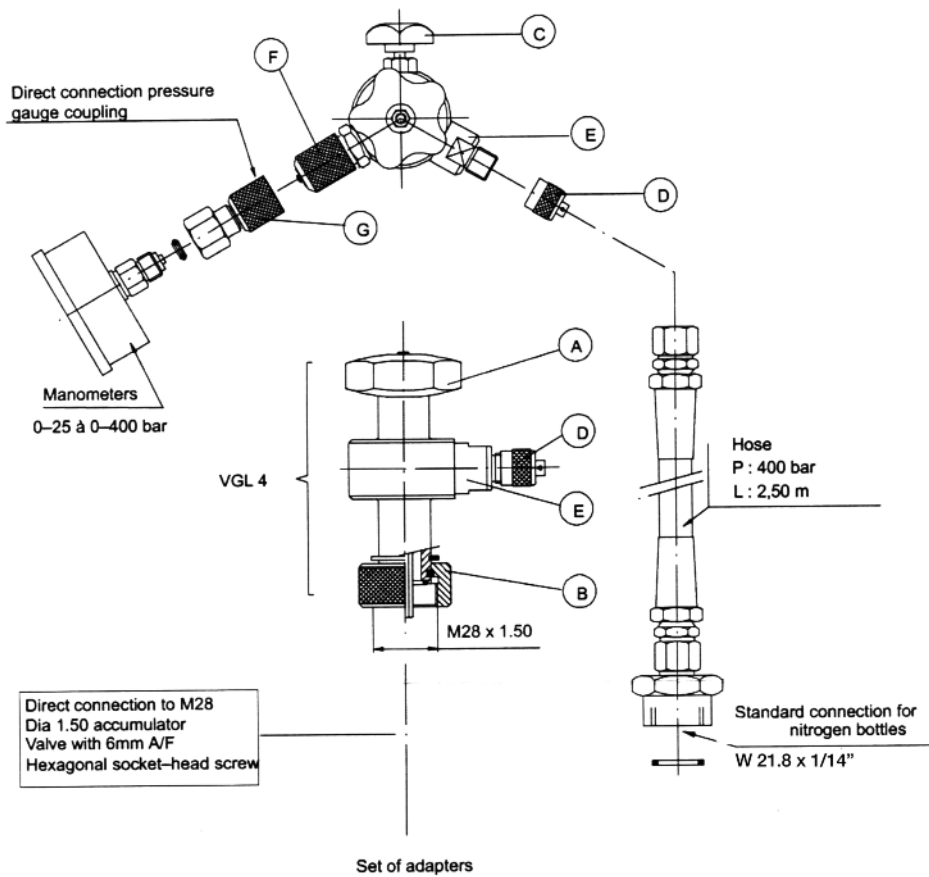


OMT code	Description	A	B	C	D	E	F	G	H	I	L	M
MENSOLA-C-89	MENSOLA C DIAM.89	125	101	89	73	140	13	75	130	-	25	60
MENSOLA-C-108	MENSOLA C DIAM.108	150	120	108	92	175	17	160	210	-	25	80
MENSOLA-C-159	MENSOLA C DIAM.159	200	170	159	123	235	17	200	260	40	25	100



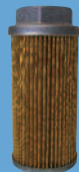
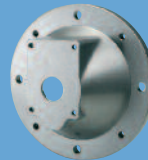
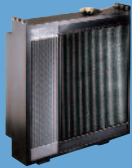
OMT code	Description	A	B	C	D	E	F	G
COLLARE-C-114	COLLARE CS DIAM.114	187	112/124	140	77	30	95	120
COLLARE-C-169	COLLARE CS DIAM.169	240	160/180	182	90	40	-	140
COLLARE-C-219	COLLARE CS DIAM.219	300	200/225	270	120	40	202	222

Accessori / Accessories Apparecchio controllo Azoto Precharging Nitrogen Kit



A series of 25 horizontal light blue lines intended for writing notes.

A series of 25 horizontal light blue lines spaced evenly down the page, serving as a template for text entry.

SCAMBIATORI
HEAT EXCHANGERSFILTRI
FILTERSACCESSORI
ACCESSORIESCOMPONENTI
COMPONENTSFLANGE/ FLANGES
RACCORDI/ COUPLINGS
BLOCCI/ MANIFOLDSACCUMULATORI
ACCUMULATOR**OMIT**