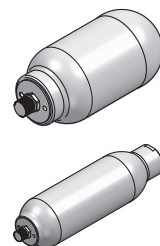
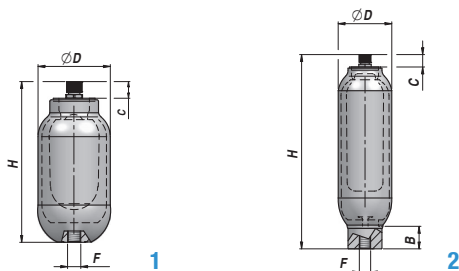


ACCUMULATEUR HYDROPNEUMATIQUE A VESSIE, ACCES VESSIE HAUT BLADDER HYDROPNEUMATIC ACCUMULATOR, TOP REPARABLE

HTR

En conformité à - *Compliant with :*
97/23/CE-PED
94/9/CE-ATEX GII Cat2
ASME VIII Div.1
GOST-R (Russia)
SELO (China)

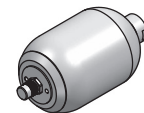
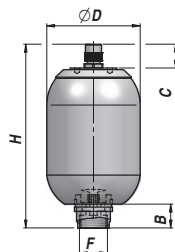


Code Code	Type Type	P MAX bar	Azote Nitrogen	H	ØD	B	C	F	Q MAX l/min	Dessin Drawing	kg
ACHTR01500	HTR 1.5	250	lt 1.50	280	115	25	15	M18x1.5	40	1	5,3
ACHTR02500	HTR 2.5	250	lt 2.50	483	115	50	15	1"1/4 BSP	110	2	11,5
ACHTR04501	HTR 4.5	210	lt 4.50	395	170	80	15	1"1/4 BSP	400	2	15
ACHTR06500	HTR 6.5	210	lt 6.50	520	170	60	20	1"1/4 BSP	350	2	24
ACHTR10000	HTR 10	210	lt 10.00	760	170	80	15	1"1/4 BSP	300	2	31

ACCUMULATEUR HYDROPNEUMATIQUE A VESSIE, ACCES VESSIE BAS BLADDER HYDROPNEUMATIC ACCUMULATOR, BOTTOM REPARABLE

HB

En conformité à - *Compliant with :*
97/23/CE-PED
94/9/CE-ATEX GII Cat2
ASME-USTAMP
GOST-R (Russia)
SELO (China)



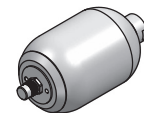
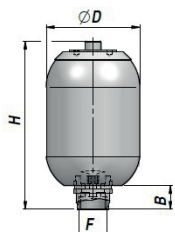
Code Code	Type Type	P MAX bar	Azote Nitrogen	H	ØD	B	C	F BSP	Q MAX l/min	kg
ACHB010000	HB 1	350	lt 1.00	295	114	52	55	3/4"	220	4,5
ACHB025330	HB 2.5	350	lt 2.50	520	114	63	58	1"1/4	220	12
ACHB045330	HB 4.5	350	lt 4.00	410	168	63	58	1"1/4	400	16
ACHB060330	HB 6	350	lt 6.00	505	168	63	58	1"1/4	350	19,5

Litrages supérieurs sur demande, jusqu'à 49 lt - *Higher liter sizes on request, up to 49 lt*

ACCUMULATEUR HYDROPNEUMATIQUE A VESSIE, ACCES VESSIE HAUT BLADDER HYDROPNEUMATIC ACCUMULATOR, TOP REPARABLE

HBR

En conformité à - *Compliant with :*
97/23/CE-PED
94/9/CE-ATEX GII Cat2
ASME-USTAMP
GOST-R (Russia)
SELO (China)



Code Code	Type Type	P MAX bar	Azote Nitrogen	H	ØD	B	C	F BSP	Q MAX l/min	kg
ACHBR04000	HBR4	350	lt 4.00	350	168.3	54	-	1"1/4	400	16
ACHBR06000	HBR6	350	lt 6.00	480	168.3	54	-	1"1/4	350	19,5
ACHBR10000	HBR10	300	lt 10.00	735	168.3	54	-	1"1/4	300	36

Litrages supérieurs sur demande, jusqu'à 49 lt - *Higher liter sizes on request, up to 49 lt*

Température d'exercice - *Working temperature* : -20°C - +80°C

MATERIEL CORPS : ACIER
BODY MATERIAL : STEEL

MATERIEL VESSIE : NBR
BLADDER MATERIAL : NBR

SERIE INTERNAZIONALE RIPARABILE
DAL BASSO

Caratteristiche Tecniche:

Pressione massima di lavoro (PS): 350-480-690 bar

Pressione di prova (PT): PS x 1,43 / 1,3 / 1,5

Corpo: in acciaio forgiato, sabbiato e verniciato

Valvola azoto standard: ½" UNF

Temperatura d'impiego (TS): -20°C ÷ +80°C

Sacca standard: adatta a oli minerali e a fluidi non aggressivi

Installazione: orizzontale / verticale (valvola azoto verso l'alto)

Rapporto di compressione:

- consigliato: P2/P0 = 2.5

- massimo: P2/P0 = 4

Vita meccanica: il numero di cicli è inversamente proporzionale all'aumento del rapporto di compressione. Per utilizzo come smorzatore, la pressione di precarica deve rientrare tra il 60% e il 80% della pressione di lavoro in considerazione del tipo di pompa e del valore della temperatura.

Garanzia: vedi pagina dedicata

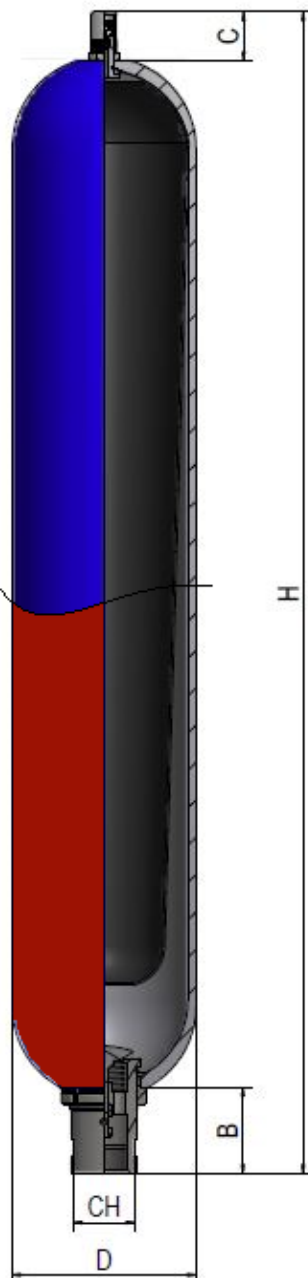
Parti di ricambio: vedi pagina dedicata

Disponibile:

- Corpo verniciato esternamente secondo procedura standard o secondo specifica di progetto
- Rivestimento interno in diversi materiali
- Sacche in HNBR, EPDM, FPM
- Connessione con flangia SAE 3000 - SAE 6000, ANSI B16.5 o UNI/DIN
- Connessione speciale a richiesta
- Esecuzione 480 Bar / 690 Bar
- Esecuzione con valvola azoto/fungo in inox
- Esecuzione per bombola addizionale d'azoto
- Accumulatori tecnicamente e dimensionalmente intercambiabili con altre marche del medesimo tipo

Su richiesta, conforme a:

- ❖ CE (2014/68/EU- PED)
- ❖ ATEX (2014/34/EU)
- ❖ ASME VIII Div.1 or Div.2 Latest Edition
- ❖ U-Stamp + NB
- ❖ EN 14359
- ❖ PD5500 (UK)
- ❖ EN 13445
- ❖ AS1210/4343 (Australia)
- ❖ ARH (Algeria)
- ❖ KOSHA (Korea)
- ❖ SELO (Cina)
- ❖ CU-TR 032/2013 (Russia)
- ❖ DOSH (Malaysia)
- ❖ NR-13 (Brasile)
- ❖ CRN (Canada)
- ❖ BV
- ❖ DNV / RINA
- ❖ Lloyd's / ABS



INTERNATIONAL SERIES BOTTOM
REPARABLE

Technical Features:

Maximum working pressure (PS): 350-480-690 bar

Test Pressure (PT): PS x 1,43 / 1,3 / 1,5

Body: forged steel, sand and painted

Standard nitrogen valve : ½" UNF

Working temperature (TS): -20°C ÷ +80°C

Standard bladder: can be used with mineral oils and non corrosive fluids

Installation: horizontal / vertical (nitrogen valve upward)

Compression ratio:

- recommended: P2/P0 = 2.5

- maximum: P2/P0 = 4

Mechanical life: the number of cycles is inversely proportional to the increase of the compression ratio. For pulsation dampener applications, the nitrogen value must be from 60% to 80% of the working pressure also in relation with the type of pump and the working temperature.

Warranty: see dedicated page

Spare parts: see dedicated page

Special execution:

- Outside epoxy painted as per standard procedure or as project specification
- Internal lining in different materials
- Bladders in HNBR, EPDM, FPM
- Connection with flange SAE 3000 - SAE 6000, ANSI B16.5 or UNI/DIN
- Special connection on request
- Execution 480 Bar / 690 Bar
- Execution with nitrogen/poppet valve in inox
- Execution for additional nitrogen bottle
- Accumulators technically and dimensionally interchangeable with other brands of same type

On request, according to:

- ❖ CE (2014/68/EU- PED)
- ❖ ATEX (2014/34/EU)
- ❖ ASME VIII Div.1 or Div.2 Latest Edition
- ❖ U-Stamp + NB
- ❖ EN 14359
- ❖ PD5500 (UK)
- ❖ EN 13445
- ❖ AS1210/4343 (Australia)
- ❖ ARH (Algeria)
- ❖ KOSHA (Korea)
- ❖ SELO (China)
- ❖ CU-TR 032/2013 (Russia)
- ❖ DOSH (Malaysia)
- ❖ NR-13 (Brasil)
- ❖ CRN (Canada)
- ❖ BV
- ❖ DNV / RINA
- ❖ Lloyd's / ABS

Modello	Volume Azoto	Pressione Max	Precarica N2 max	H	D	C	B	CH	Connessione Idraulica	Portata Max	Peso
Model	Nitrogen Volume	Max Pressure	Max N2 precharge	H	D	C	B	CH	Hydraulic Connection	Max Flow	Weight
	Lt	Bar	Bar	mm	mm	mm	mm	mm		Lt/min	Kg
HB1	1	350	230	295	114	55	52	36	¾" BSP-F	220	4.5
HB1.5	1.5	350	230	357	114	55	52	36	¾" BSP-F	220	5.5
HB2.5	2.5	350	230	520	114	58	63	50	1-¼" BSP-F	220	12
HB4.5	4	350	230	410	168	58	63	50	1-¼" BSP-F	400	16
HB6	6	350	230	505	168	58	63	50	1-¼" BSP-F	350	19.5
HB10	10	350	230	775	168	58	63	50	1-¼" BSP-F	300	36
HB10/2	10	350	230	550	223	58	100	70	2" BSP-F	630	48
HB20	18.5	350	230	870	223	58	100	70	2" BSP-F	600	53
HB25	24.9	350	230	1030	223	58	100	70	2" BSP-F	570	62
HB35	33.5	350	230	1400	223	58	100	70	2" BSP-F	540	84
HB50	49	350	230	1900	223	58	100	70	2" BSP-F	500	115