

# StandardTypes



LA

**Accumulatore a sacca sostituibile**

**Caratteristiche tecniche**

Pressione di esercizio: max. 145/250/270 bar  
 Precarica gas (solo azoto): max. 90% P min. di esercizio  
 Rapporto pressione ammissa: max. ≤ 6/1  
 Temperatura di esercizio: -40°C / +150°C (compatibilmente con le temperature ammesse dalla sacca)

Montaggio: orizzontale o verticale con valvola gas rivolta verso l'alto

**Caratteristiche costruttive standard**

Costruzione corpo: acciaio al carbonio  
 acciaio inox AISI 316L (Fig. II)  
 acciaio duplex F51 (Fig. II)  
 Sacca: secondo fluido  
 Valvola attacco gas: 5/8"UNF versione 1  
 Verniciatura: fondo antiruggine (solo per acciaio al carbonio)  
 Collaudo: a richiesta

**Dimensioni / Dimensions / Abmessungen**

Tipo	Volume*	Pressione			Attacco lato liquido		Valvola gas				Peso	
		Stainless steel	Carbon steel	Duplex steel	Stainless-Duplex steel	Carbon steel	A	ØB	C	ØD		
Type	Volume*	Pressure			P.F.C.		Gas valve				Weight	
	cm <sup>3</sup>	max bar			E		Tappo Plug Bouton Zapfen				kg	
LA 0.75	750	145	250	270	3/4"NPT	M18x1,5	5/8"UNF	192	65	41	116	4,35
LA 1	1000	145	250	270	3/4"NPT	M18x1,5	5/8"UNF	210	65	41	116	5
LA 1.5	1500	145	250	270	3/4"NPT	M18x1,5	5/8"UNF	292	65	41	116	6,76
LA 3	3000	145	250	270	3/4"NPT	3/4" GAS	5/8"UNF	485	65	41	116	10,5
LA 4	4000	145	250	270	1"NPT	3/4" GAS	5/8"UNF	370	90	60	168.5	14,5
LA 5	5000	145	250	270	1"NPT	3/4" GAS	5/8"UNF	420	90	60	168.5	15,5

\* Volume nominale - Nominal volume - Nominal Volumen

**Codice ricambi / Spare parts code / Code pièces de rechange / Ersatzteil Schlüssel**

Tipo	Sacca	Valvola gas	Tipo	Sacca	Valvola gas	Serie guarnizioni
Type	Bladder	Gas valve	Type	Bladder	Gas valve	Gasket kit
LA 0.75	MEMLA075*	VALPRE580NV2-VALPRE58X	LA 3	MEMLA3*	VALPRE580NV2-VALPRE58X	-
LA 1	MEMLA075*	VALPRE580NV2-VALPRE58X	LA 4	MEMLA4*	VALPRE580NV2-VALPRE58X	PAR168PTFE
LA 1.5	MEMLA1.5*	VALPRE580NV2-VALPRE58X	LA 5	MEMLA5*	VALPRE580NV2-VALPRE58X	PAR168PTFE
Type	Vessie	Valve de gonflage	Type	Vessie	Valve de gonflage	Etanchéité
Typ	Blase	Gasventil	Typ	Blase	Gasventil	Dichtungen

\* Secondo fluido - According to fluid - Selon fluide - Nach Medium

**Accumulateur avec vessie remplaçable**

**Caractéristiques techniques**

Pression de service: max. 145/250/270 bar  
 Gonflage (uniquement azote): max. 90% de la pression de service inférieure  
 Rapport de pression admissible: max. ≤ 6/1  
 Temperature de service: -40°C / +150°C (Compatible avec les températures admis pour la vessie)

Montage: indifférente horizontal ou vertical avec raccordement gaz vers dessus

**Caractéristiques constructives standard**

Corps: acier à carbone forgé  
 acier inoxydable AISI 316L (Fig. II)  
 duplex acier F51 (Fig. II)  
 Vessie: selon fluide  
 Valve de gonflage: 5/8"UNF exécution 1  
 Protection: primer anti-rouille (seulement acier à carbone forgé)  
 Réception: sur demande

**Accumulator with exchangeable bladder**

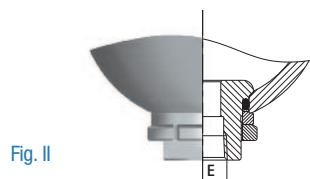
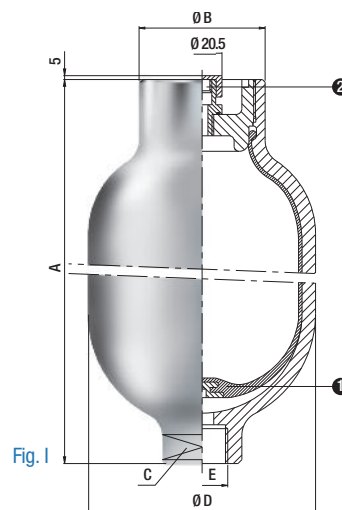
**Technical data**

Operating pressure: max. 145/250/270 bar  
 Gas filling (nitrogen only): max. 90% of min. operating pressure  
 Admissible pressure ratio: max. ≤ 6/1  
 Operating temperature: -40°C / +150°C (Compatible with the temperatures admitted for the bladder)

Mounting: horizontal or vertical with gas valve upwards

**Standard construction characteristics**

Material of body: carbon steel  
 stainless steel AISI 316L (Fig. II)  
 duplex steel F51 (Fig. II)  
 Bladder: according to fluid  
 Gas connection valve: 5/8"UNF version 1  
 Painting: anti-rust primer (only carbon steel)  
 Test: on request



**Druckspeicher mit auswechselbarer Blase**

**Technische Angaben**

Betriebsdruck: max. 145/250/270 bar  
 Gasfüllung: max. 90% vom min. Betriebsdruck (Ausschließlich Stickstoff)  
 Zugelassenes Druckverh.: max. ≤ 6/1  
 Betriebstemperaturbereich: -40°C / +150°C (kompatibel mit den für die Blase zugelassenen Temperaturen)

Montage: beliebig Waagrecht oder Senkrecht mit Gasventil nach oben

**Standard Konstruktionsmerkmale**

Gehäuse: Schmiedestahl  
 Edelstahl AISI 316L (Fig. II)  
 Duplex Stahl F51 (Fig. II)  
 Blase: nach Medium  
 Gasanschluss: 5/8"UNF Variante 1  
 Lackierung: Rostschutz (allein Schmiedestahl)  
 Abnahme: Auf Anfrage

**Accumulatore a sacca sostituibile****Caratteristiche tecniche**

Pressione di esercizio: max. 145/250/270 bar  
 Precarica gas (solo azoto): max. 90% P min. di esercizio  
 Rapporto pressione ammessa: max.  $\leq 6/1$   
 Temperatura di esercizio: -40°C / +150°C (compatibilmente con le temperature ammesse dalla sacca)

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Costruzione corpo: acciaio al carbonio  
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**Dimensioni / Dimensions / Abmessungen**

Tipo	Volume*	Pressione			Attacco lato liquido	Valvola gas	A	ØB	C	ØD	Peso
		Stainless steel	Carbon steel	Duplex steel							
Type	Volume*	Pressure			P.F.C.	Gas valve	mm			Weight	
	cm <sup>3</sup>	max bar			E					kg	
LA 10	10000	145	250	270	1"1/4 GAS	5/8"UNF	740	90	50	168.5	28,5
LA 12	12000	145	250	270	1"1/4 GAS	5/8"UNF	840	90	50	168.5	32,5
Type	Volume*	Pression			Connection fluide	Valve pour Gaz				Poids	
Typ	Volumen*	Druck			Medium Anschluss	Gasventil				Gewicht	

\* Volume nominale - Nominal volume - Nominal Volumen

**Codice ricambi / Spare parts code / Code pièces de rechange / Ersatzteil Schlüssel**

Tipo	Sacca	Valvola gas	Serie guarnizioni
Type	Bladder	Gas valve	Gasket kit
LA 10	MEMLA10*	VALPRE580NV2 - VALPRE58X	PAR168PTFE
LA 12	MEMLA10*	VALPRE580NV2 - VALPRE58X	PAR168PTFE
Type	Vessie	Valve de gonflage	Etanchéité
Typ	Blase	Gasventil	Dichtungen

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 Rapport de pression admissible: max.  $\leq 6/1$   
 Temperature de service: -40°C / +150°C (Compatible avec les températures admis pour la vessie)

Montage: indifférente horizontal ou vertical avec raccordement gaz vers dessus

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 Réception: sur demande

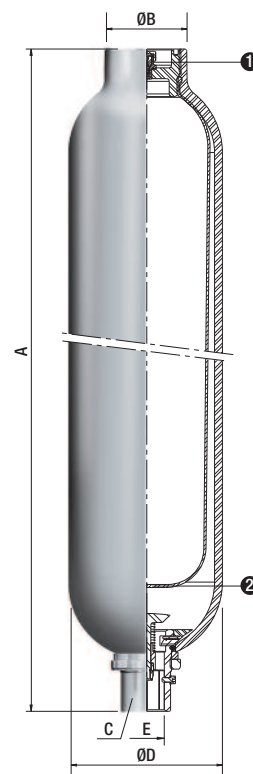
**Accumulator with exchangeable bladder****Technical data**

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 Gas filling (nitrogen only): max. 90% of min. operating pressure  
 Admissible pressure ratio: max.  $\leq 6/1$   
 Operating temperature: -40°C / +150°C (Compatible with the temperatures admitted for the bladder)

Mounting: horizontal or vertical with gas valve upwards

**Standard construction characteristics**

Material of body: carbon steel  
 stainless steel AISI 316L  
 duplex steel F51  
 according to fluid  
 Bladder: according to fluid  
 Gas connection valve: 5/8"UNF version 1  
 Painting: anti-rust primer (only carbon steel)  
 Test: on request

**Druckspeicher mit auswechselbarer Blase****Technische Angaben**

Betriebsdruck: max. 145/250/270 bar  
 Gasfüllung: max. 90% vom min. Betriebsdruck (Ausschließlich Stickstoff)  
 Zugelassenes Druckverh.: max.  $\leq 6/1$   
 Betriebstemperaturbereich: -40°C / +150°C (kompatibel mit den für die Blase zugelassenen Temperaturen)

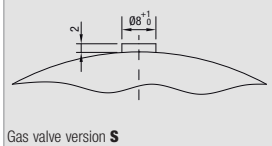
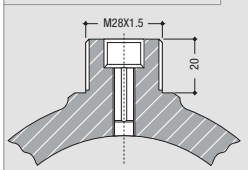
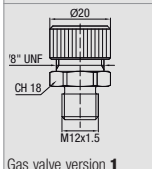
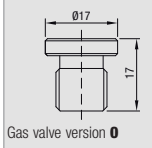
Montage: beliebig Waagrecht oder Senkrecht mit Gasventil nach oben

**Standard Konstruktionsmerkmale**

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 Edelstahl AISI 316L  
 Duplex Stahl F51  
 nach Medium  
 Blase: nach Medium  
 Gasanschluss: 5/8"UNF Variante 1  
 Lackierung: Rostschutz (allein Schmiedestahl)  
 Abnahme: Auf Anfrage

**LAV 1 1,5 1 0 S A**

Type	Gas Valve				Volume (litres)	Separating element	Body material	Port fluid connection	Tests	
	0	1	2	S						
L	Plug	5/8" UNF	M28x1,5	-	0,025÷0,35	1 *	Standard Nitrile (NBR) -15 / +80°C	O = Carbon steel	S = Standard thread	A = Factory test (PED 97/23/CE according to EN 13445-3)
LA	Plug	5/8" UNF	-	-	0,75÷12	2 *	Butyl (IR) -20 / +100°C	A = Alloy	R = Special thread*	B = ASME "U" Stamp
LAS	-	5/8" UNF	-	-	0,75÷12	3	Chloroprene (CR) -10 / +100°C	B = Carbon steel, kanigen-treated	F = Flanged (to be stated)*	C = PED 97/23/CE Modulo G
LASS	-	5/8" UNF	-	-	0,75÷5	4 *	Ethilene-propylene (EPDM) -30 / +130°C	C = Carbon steel galvanized	Z = With reduction or nipple (to be stated Ø)	D = PED 97/23/CE according to AD 2000
WA	-	5/8" UNF	M28x1,5	Welded plug	0,05÷3,8	5 *	Natural Rubber (NR) -20 / +70°C	X = Stainless steel*		E = PED 97/23/CE according to ASME VIII Div.1
LAV	Plug	5/8" UNF	M28x1,5	-	0,025÷2,5	6	Hydrogenated Nitrile (HNBR) -30 / +130°C	Y = PVC		F = PED 97/23/CE according to PD 5500
AMP	-	5/8" UNF	M28x1,5	-	0,5	6B *	Nitrile for low temperatures (NBRBT) -40 / +70°C	PP = Polypropylene*		G = GOST R (Russia)
BPL	-	5/8" UNF	-	-	1,5÷12	7	Hydrocarbonproof Nitrile (NBR) -15 / +80°C	PVD = PVDF		H = ML (China)
SPM	-	5/8" UNF	-	-	0,8÷1,5	8	Epiclorohydrin (ECO) -30 / +120°C	XS = F51 (SAF 2205)		
SL	-	5/8" UNF	-	-	1,5÷55	9 *	Silicon rubber (VMQ) -20 / +150°C	XS2507 = F53 (SAF 2507)		
SI	-	5/8" UNF	-	-	0,2÷55	10	Fluorated rubber (FKM) -10 / +150°C	PTX = PTFE + s.s. reinforcement*		
APT	-	5/8" UNF	-	-	0,1÷5	10G **	Viton® GLT -35 / +150°C	H = Hastelloy		
APTL	-	5/8" UNF	-	-	0,1÷15	11	Acrylic rubber (ACM) -20 / +150°C	T = Titanium		
APTD	-	5/8" UNF	-	-	3÷12	13 *	Polytetrafluorethylene + Butyl (PTFE+BTILE) -20 / +100°C	I625 = Inconel 625		
ASM	-	5/8" UNF	-	-	On request	14 ***	Stainless steel (AISI 316L) -150 / +600°C			
ASP	-	5/8" UNF	-	-	On request	15 *	Polytetrafluorethylene + Fluorated rubber (PTFE+FMK) -10 / +140°C			
LS	-	5/8" UNF	-	-	On request	16 *	Polytetrafluorethylene + Ethilene-propylene (PTFE+EPDM) -20 / +130°C			
LAVS	-	5/8" UNF	-	-	On request	17 *	Polytetrafluorethylene (TFM) -20 / +140°C			
LASSX	-	5/8" UNF	-	-	On request	18	Fluorated rubber (FKM) -40 / +150°C			
BA	-	5/8" UNF	-	-	100÷5500	19 *	Silicon + Ethilene-propylene (PTFE+EPDM) -20 / +130°C			
APV	-	5/8" UNF	-	-	0,025÷12	20 ****	Polythylene Chlorine Sulphorate (CSM) -20 / +150°C			
PAM	-	5/8" UNF	-	-	0,4÷80	21 *	Polytetrafluorethylene + Standard Nitrile (PTFE+NBR) -15 / +80°C			
						23 *****	Polyurethane -20 / +120°C			
						SMX ***	Stainless steel bellow (SMX) -150 / +600°C			
						SP ***	Polytetrafluorethylene bellow (SP) -20 / +140°C			



\* Also available for food applications  
 \*\* LA, SI and SL types excluded  
 \*\*\* For ASM and ASP only  
 \*\*\*\* For APT and APTD only  
 \*\*\*\*\* For BA only

Il numero dei cicli è inversamente proporzionale all'aumentare del rapporto di compressione / The number of cycles is inversely proportional with the increase of the pressure relationship  
 Le numero des cycles est inversement proportionnel à l'augmentation du rapport de pression / Di Nummer der Lastzahlen ist umgekehrt proportional mit die Erhöhung des Druckverhältniis.  
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