

Standard Types

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SI Type Carbon steel body

Accumulatore con sacca sostituibile

Caratteristiche tecniche
Pressione di esercizio: max. 360 bar
Pre-carica gas (solo azoto): max. 90% P min. di esercizio
Rapporto pressione ammissa: max. $\leq 4/1$
Temperatura di esercizio: $-40^{\circ}\text{C} / +150^{\circ}\text{C}$ (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
Sacca: secondo fluido
Valvola attacco gas: 5/8"UNF versione 1
Verniciatura: fondo antiruggine
Collaudo: a richiesta

Accumulator with exchangeable bladder

Technical data
Operating pressure: max. 360 bar
Gas filling (nitrogen only): max. 90% of min. operating pressure
Admissible pressure ratio: max. $\leq 4/1$
Operating temperature: $-40^{\circ}\text{C} / +150^{\circ}\text{C}$ (Compatible with the temperatures admitted for the bladder)
Mounting: horizontal or vertical with gas valve upwards

Standard construction characteristics

Material of body: carbon steel
Bladder: according to fluid
Gas connection valve: 5/8"UNF version 1
Painting: anti-rust primer
Test: on request

Dimensioni / Dimensions / Abmessungen

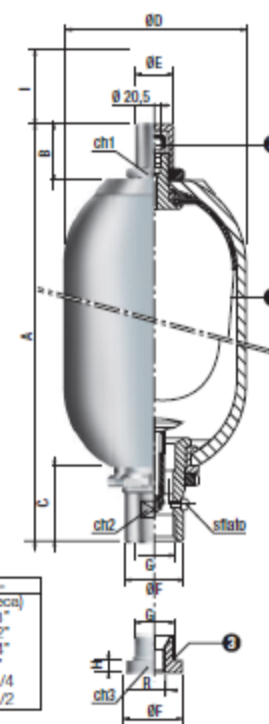
Type	Volume*	Pressione	Attacco lato liquido	A	B	C	ØD	ØE	ØF	H	H**	ch1	ch2	ch3	Peso	
Type	Volume*	Pressure	P.F.C.	mm											Weight	
	cm ³	max bar	G (S0228)	R (S0228)											kg	
SI 0.2	200	360	1/2"	-	250	22	40	53	20	26	-	140	24	23	-	1,7
SI 0.7	650	360	3/4"	0 = cieca	280	47	52	90	25	36	11	140	32	32	4,2	
SI 1	1000	360	3/4"	3/8"	295	47	52	114	25	36	11	140	32	32	5,2	
SI 1.5	1500	360	3/4"	1/2"	355	47	52	114	25	36	11	140	32	32	6,3	
SI 3	2950	360	1 1/4"	0 = cieca 3/8"-1/2"-3/4"	553	47	65	114	25	53	11	140	32	50	48	11,0
SI 5	5000	360	1 1/4"	0 = cieca 3/8"-1/2"-3/4"	458	47	65	168	25	53	11	140	32	50	48	15,0
SI 10	9100	360	2"	-	568	60	101	220	55	77	11	140	70	70	33,0	
SI 15	14500	360	2"	0 = cieca	718	60	101	220	55	77	11	140	70	70	43,0	
SI 20	18200	360	2"	3/8", 1/2", 3/4",	873	60	101	220	55	77	11	140	70	70	48,0	
SI 25	23500	360	2"	1", 1 1/4", 1 1/2"	1043	60	101	220	55	77	11	140	70	70	53,0	
SI 35	33500	360	2"	-	1392	60	101	220	55	77	11	140	70	70	78,0	
SI 55	50000	360	2"	-	1910	60	101	220	55	77	11	140	70	70	108,0	

* Volume nominale - Nominal volume - Nominal Volumen ** Con DP - Dispositivo di pre-carica e controllo / With DP - Gas filling and checking apparatus

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

Type	Sacca	Valvola gas	Serie guarnizioni	Type	Sacca	Valvola gas	Serie guarnizioni
Type	Bladder	Gas valve	Gasket kit	Type	Bladder	Gas valve	Gasket kit
SI 0.2	0002S*	VALPRE580W2	-	SI 10	0010S*	VALPRE580W2	OR3218*
SI 0.7	0007S*	VALPRE580W2	OR2093*	SI 15	0015S*	VALPRE580W2	OR3218*
SI 1	001S*	VALPRE580W2	OR2093*	SI 20	0020S*	VALPRE580W2	OR3218*
SI 1.5	0150S*	VALPRE580W2	OR2093*	SI 25	0025S*	VALPRE580W2	OR3218*
SI 3	0003S*	VALPRE580W2	OR3150*	SI 35	0035S*	VALPRE580W2	OR3218*
SI 5	0005S*	VALPRE580W2	OR3150*	SI 55	0055S*	VALPRE580W2	OR3218*

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



Accumulateur avec vessie remplaçable

Caractéristiques techniques
Pression de service: max. 360 bar
Gonflage (uniquement azote): max. 90% de la pression de service inférieure
Rapport de pression admissible: max. $\leq 4/1$
Temperature de service: $-40^{\circ}\text{C} / +150^{\circ}\text{C}$ (Compatible avec les températures admises pour la vessie)
Montage: indifférente horizontal ou vertical avec raccordement gaz vers dessus

Caractéristiques constructives standard

Corps: acier au carbone forgé selon fluide
Vessie: secondo fluido
Valve de gonflage: 5/8"UNF exécution 1
Protection: primer anti-ruggine
Réception: sur demande

Druckspeicher mit auswechselbarer Blase

Technische Angaben
Betriebsdruck: max. 360 bar
Gasfüllung: max. 90% vom min. Betriebsdruck (Ausschließlich Stickstoff)
Zugelassenes Druckverh.: max. $\leq 4/1$
Betriebstemperaturbereich: $-40^{\circ}\text{C} / +150^{\circ}\text{C}$ (kompatibel mit den für die Blase zugelassenen Temperaturen)
Montage: beliebig Waagrecht oder Senkrecht mit Gasventil nach oben

Standard Konstruktionsmerkmale

Gehäuse: Schmiedestahl nach Medium
Blase: secondo fluido
Gasanschluss: 5/8"UNF Variante 1
Lackierung: Rostschutz
Abnahme: Auf Anfrage

SI Type

Stainless steel or duplex steel body

Accumulatore con sacca sostituibile

Caratteristiche tecniche
Pressione di esercizio: max. 145/270 bar
Pre-carica gas (solo azoto): max. 90% P min. di esercizio
Rapporto pressione ammissa: max. $\leq 4/1$
Temperatura di esercizio: $-40^{\circ}\text{C} / +150^{\circ}\text{C}$ (compatibilmente con le temperature ammesse dalla sacca)
Montaggio: orizzontale o verticale con valvola gas rivolta verso l'alto

Caratteristiche costruttive standard

Costruzione corpo: acciaio inox AISI 316L
Sacca: acciaio duplex F51 secondo fluido
Valvola attacco gas: 5/8"UNF versione 1
Collaudo: a richiesta

Accumulator with exchangeable bladder

Technical data
Operating pressure: max. 145/270 bar
Gas filling (nitrogen only): max. 90% of min. operating pressure
Admissible pressure ratio: max. $\leq 4/1$
Operating temperature: $-40^{\circ}\text{C} / +150^{\circ}\text{C}$ (Compatible with the temperatures admitted for the bladder)
Mounting: horizontal or vertical with gas valve upwards

Standard construction characteristics

Material of body: stainless steel AISI 316L
Bladder: duplex steel F51 according to fluid
Gas connection valve: 5/8"UNF version 1
Test: on request

Dimensioni / Dimensions / Abmessungen

Type	Volume*	Pressione	Attacco lato liquido	Valvola gas	A	Peso
Type	Volume*	Pressure	P.F.C.	Gas valve	mm	kg
	cm ³	max bar	E			
SI 10	9100	145 / 270	2" GAS	5/8" UNF	568 / 33	
SI 15	14500	145 / 270	2" GAS	5/8" UNF	718 / 43	
SI 20	18200	145 / 270	2" GAS	5/8" UNF	873 / 48	
SI 25	23500	145 / 270	2" GAS	5/8" UNF	1043 / 50	
SI 35	33500	145 / 270	2" GAS	5/8" UNF	1392 / 78	
SI 55	50000	145 / 270	2" GAS	5/8" UNF	1910 / 108	

* Volume nominale - Nominal volume - Nominal Volumen

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

Type	Sacca	Valvola gas	Serie guarnizioni
Type	Bladder	Gas valve	Gasket kit
SI 10	0010S*	VALPRE58X	OR3218*
SI 15	0015S*	VALPRE58X	OR3218*
SI 20	0020S*	VALPRE58X	OR3218*
SI 25	0025S*	VALPRE58X	OR3218*
SI 35	0035S*	VALPRE58X	OR3218*
SI 55	0055S*	VALPRE58X	OR3218*

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

Accumulateur avec vessie remplaçable

Caractéristiques techniques
Pression de service: max. 145/270 bar
Gonflage (uniquement azote): max. 90% de la pression de service inférieure
Rapport de pression admissible: max. $\leq 4/1$
Temperature de service: $-40^{\circ}\text{C} / +150^{\circ}\text{C}$ (Compatible avec les températures admises pour la vessie)
Montage: indifférente horizontal ou vertical avec raccordement gaz vers dessus

Caractéristiques constructives standard

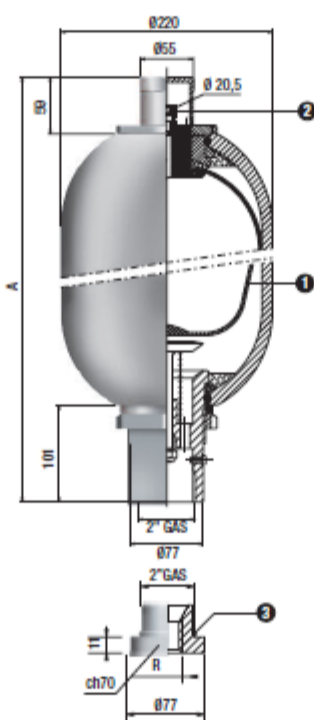
Corps: acier inoxydable AISI 316L
Vessie: duplex acier F51 selon fluide
Valve de gonflage: 5/8"UNF exécution 1
Réception: sur demande

Druckspeicher mit auswechselbarer Blase

Technische Angaben
Betriebsdruck: max. 145/270 bar
Gasfüllung: max. 90% vom min. Betriebsdruck (Ausschließlich Stickstoff)
Zugelassenes Druckverh.: max. $\leq 4/1$
Betriebstemperaturbereich: $-40^{\circ}\text{C} / +150^{\circ}\text{C}$ (kompatibel mit den für die Blase zugelassenen Temperaturen)
Montage: beliebig Waagrecht oder Senkrecht mit Gasventil nach oben

Standard Konstruktionsmerkmale

Gehäuse: Edelstahl AISI 316L
Blase: Duplex Stahl F51 nach Medium
Gasanschluss: 5/8"UNF Variante 1
Abnahme: Auf Anfrage



Welded Types

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WA



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WAType

Carbon, stainless or duplex steel body

Accumulatori saldati a fascio di elettroni

Caratteristiche tecniche
 Pressione di esercizio: max 50/350 bar
 Precarica gas (solo azoto): max. 90% P min. di esercizio
 Rapporto pressione ammessa: WA 0.05>2 max. ≤ 8/1
 WA 3>3.8 max. ≤ 4/1
 Temperatura di esercizio: -40°C / +150°C
 (compatibilmente con le temperature ammesse dalla membrana)
 Montaggio: in qualsiasi posizione

Caratteristiche costruttive standard
 Costruzione corpo: acciaio al carbonio
 acciaio inox AISI 316L
 acciaio duplex F51
 Membrana: secondo fluido
 Valvola attacco gas: M28x1,5 versione 2
 Verniciatura: fondo antiruggine
 Collaudo: (solo per acciaio al carbonio) a richiesta

Electron beam welding accumulators

Technical data
 Operating pressure: max 50/350 bar
 Gas filling (nitrogen only): max. 90% of min. operating pressure
 Admissible pressure ratio: WA 0.05>2 max. ≤ 8/1
 WA 3>3.8 max. ≤ 4/1
 Operating temperature: -40°C / +150°C
 (compatible with the temperatures admitted for the diaphragm)
 Mounting: any position

Standard construction characteristics
 Material of body: carbon steel
 stainless steel AISI 316L
 duplex steel F51
 Diaphragm: According to fluid
 Gas connection valve: M28x1,5 version 2
 Painting: anti-rust primer (only carbon steel)
 Test: on request



Accumulateurs soudés a faisceau d'électrons

Caractéristiques techniques
 Pression de service: max. 50/350 bar
 Gonflage (uniquement azote): max. 90% de la pression de service inférieure
 Rapport de pression admissible: WA 0.05>2 max. ≤ 8/1
 WA 3>3.8 max. ≤ 4/1
 Temperature de service: -40°C / +150°C (Compatible avec les températures admises pour les membranes)
 Montage: dans n'importe quelle position

Caractéristiques constructives standard
 Corps: acier au carbone
 acier inox AISI 316L
 acier duplex F51
 Membrane: selon fluide
 Valve de gonflage: M28x1,5 exécution 2
 Peinture: primer anti-rouille (seulement acier au carbone) sur demande

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Elektronenstrahl-geschweißte Druckspeicher

Technische Angaben
 Betriebsdruck: max 50/350 bar
 Gasfüllung: max. 90% vom min. Betriebsdruck (ausschließlich Stickstoff):
 Zugelassenes Druckverh.: WA 0.05>2 max. ≤ 8/1
 WA 3>3.8 max. ≤ 4/1
 Betriebstemperaturen: -40°C / +150°C
 (kompatibel mit den für die Membranen zugelassenen Temperaturen)
 Montage: in jeder Position

Standard Konstruktionsmerkmale
 Gehäuse: Schmiedestahl
 Edelstahl AISI 316L
 Duplexstahl F51
 Membran: nach Medium
 Gasventil: M28x1,5 Variante 2
 Lackierung: Rostschutz (nur Schmiedestahl) auf Anfrage

WAType

Carbon, stainless or duplex steel body

Dimensioni / Dimensions / Abmessungen

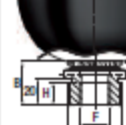
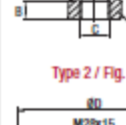
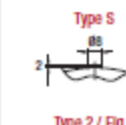
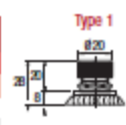
Tipo	Volume*	Pressione			Q	Valvola gas	A	ØD	Peso	Fig. I		Fig. II			HEX SW
		max bar	210	210						Attacco fluido	Attacco fluido	B	C	M	
Type	Volume*	Pressure			Gas valve			Weight	P.F.C.	P.F.C.					
WA 0.05	0.05	100	210	210	35		51.5	56	0.35	21	M18x1.5	21	27	30	
WA 0.16	0.16	80	210	210	35		76	70	0.8	21	M18x1.5	21	27	30	
WA 0.25	0.25	90	210	210	35		85	82	0.9	21	M18x1.5	21	27	30	
WA 0.35	0.35	70	100	-	35		98	90	1.0	21	M18x1.5	21	27	30	
WA 0.35	0.35	150	210	210	90		100	96.5	1.3	21	M18x1.5	21	27	30	
WA 0.50	0.50	50	100	-	90		108	96.5	1.5	21	M18x1.5	21	27	30	
WA 0.50	0.50	150	210	210	90		115	105	1.7	21	M18x1.5	21	27	30	
WA 0.70	0.70	50	100	-	90		145	107.5	1.8	21	M18x1.5	21	27	30	
WA 0.75	0.75	50	100	-	90		117	125	2.6	21	M18x1.5	21	1/2"Gas	27	30
WA 0.75	0.75	-	210	210	90		130	121	2.8	21	M18x1.5	21	ISO228	27	41
WA 0.75	0.75	-	350	-	90		110	130	4.0	21	M18x1.5	21	DIN3852	27	41
WA 1	1	-	100	-	90		140	129	3.0	26	M18x1.5	26		27	41
WA 1	1	-	210	210	90	M28x1.5 Welded plug 5/8" UNF	145	136	3.6	26	M18x1.5	26		27	41
WA 1	1	-	350	-	90		150	142	4.0	21	M18x1.5	21		27	41
WA 1.4	1.4	50	100	-	90		157	140	3.8	21	M18x1.5	21		27	41
WA 1.4	1.4	100	210	210	90		163	154	5.4	21	M18x1.5	21		27	41
WA 1.4	1.4	-	350	-	90		161	155	7.06	21	M18x1.5	21		27	41
WA 2	2	50	100	-	90		175	160	4.0	21	M18x1.5	21		27	41
WA 2	2	-	210	210	90		180	167	6.6	31	M18x1.5	31		27	41
WA 2	2	-	350	-	130		170	172	8.7	28	3/4"Gas	28		33	46
WA 3	3	50	-	-	130		197	177	5.2	28	3/4"Gas	28		33	46
WA 3	3	-	210	210	130		235	172	8.2	42	3/4"Gas	42	3/4"Gas	33	46
WA 3	3	-	350	-	130		230	180	11.0	28	3/4"Gas	28	ISO228	33	46
WA 3.8	3.8	-	100	-	130		284	163	10.0	28	3/4"Gas	28	DIN3852	33	46
WA 3.8	3.8	-	210	210	130		290	172	11.2	42	3/4"Gas	42		33	46
WA 3.8	3.8	-	350	-	130		277	180	13.8	42	3/4"Gas	42		33	46

* Volume nominale - Nominal volume - Nominal Volumen

Dimensioni / Dimensions / Abmessungen

Tipo	Volume*	Pressione			Q	Valvola gas	A	ØD	Peso	Fig. III			Fig. IV		HEX SW
		max bar	210	210						Attacco fluido	Attacco fluido	B	C		
Type	Volume*	Pressure			Gas valve			Weight	P.F.C.	P.F.C.					
WA 0.05	0.05	100	210	210	35		51.5	56	0.35	-	-	-	-	-	
WA 0.16	0.16	80	210	210	35		76	70	0.8	-	-	-	-	-	
WA 0.25	0.25	90	210	210	35		85	82	0.9	-	-	-	-	-	
WA 0.35	0.35	70	100	-	35		98	90	1.0	-	-	-	-	-	
WA 0.35	0.35	150	210	210	90		100	96.5	1.3	-	-	-	-	-	
WA 0.50	0.50	50	100	-	90		108	96.5	1.5	-	-	-	-	-	
WA 0.50	0.50	150	210	210	90		115	105	1.7	-	-	-	-	-	
WA 0.70	0.70	50	100	-	90		145	107.5	1.8	-	-	-	-	-	
WA 0.75	0.75	50	100	-	90		117	125	2.6	-	-	-	36	14	
WA 0.75	0.75	-	210	210	90		130	121	2.8	-	-	-	36	14	
WA 0.75	0.75	-	350	-	90		110	130	4.0	-	-	-	42	15	
WA 1	1	-	100	-	90		140	129	3.0	-	-	-	42	15	
WA 1	1	-	210	210	90	M28x1.5 Welded plug 5/8" UNF	145	136	3.6	36	14	23-54-36	M14x1.5	24-50-41	
WA 1	1	-	350	-	90		150	142	4.0	-	-	-		Maschio	
WA 1.4	1.4	50	100	-	90		157	140	3.8	-	-	-	36	14	
WA 1.4	1.4	100	210	210	90		163	154	5.4	-	-	-	36	14	
WA 1.4	1.4	-	350	-	90		161	155	7.06	1/2"Gas	M33x15	36	14		
WA 2	2	50	100	-	90		175	160	4.0	-	-	-	36	14	
WA 2	2	-	210	210	90		180	167	6.6	-	-	-	42	15	
WA 2	2	-	350	-	130		170	172	8.7	-	-	-	33	46	
WA 3	3	50	-	-	130		197	177	5.2	-	-	-	33	46	
WA 3	3	-	210	210	130		235	172	8.2	-	-	-	42	46	
WA 3	3	-	350	-	130		230	180	11.0	-	-	-	33	46	
WA 3.8	3.8	-	100	-	130		284	163	10.0	-	-	-	33	46	
WA 3.8	3.8	-	210	210	130		290	172	11.2	-	-	-	42	46	
WA 3.8	3.8	-	350	-	130		277	180	13.8	-	-	-	42	46	

* Volume nominale - Nominal volume - Nominal Volumen



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