

Part number:

**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA  
SYSTEMS**

UKŁADY HYDRAULICZNE

**HYDROMA**

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

# Welded Types

22

**WA**



**Carbon, stainless or duplex steel body****Accumulatori saldati a fascio di elettroni****Caratteristiche tecniche**

Pressione di esercizio:	max 50/350 bar
Pre-carica gas (solo azoto):	max. 90% P min. di esercizio
Rapporto pressione ammessa:	WA 0.05>2 max. $\leq$ 8/1 WA 3>3.8 max. $\leq$ 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 (solo per acciaio al carbonio)
Collaudo:	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. $\leq$ 8/1 WA 3>3.8 max. $\leq$ 4/1
Operating temperature:	-40°C / +150°C (compatible with the temperatures admitted for the diaphragms)
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. $\leq$ 8/1 WA 3>3.8 max. $\leq$ 4/1
Temperature de service:	-40°C / +150°C (Compatible avec les températures admis 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 antirouille (seulement acier au carbone)
Test:	sur demande

**Elektronenstrahl-geschweißte Druckspeicher****Technische Angaben**

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

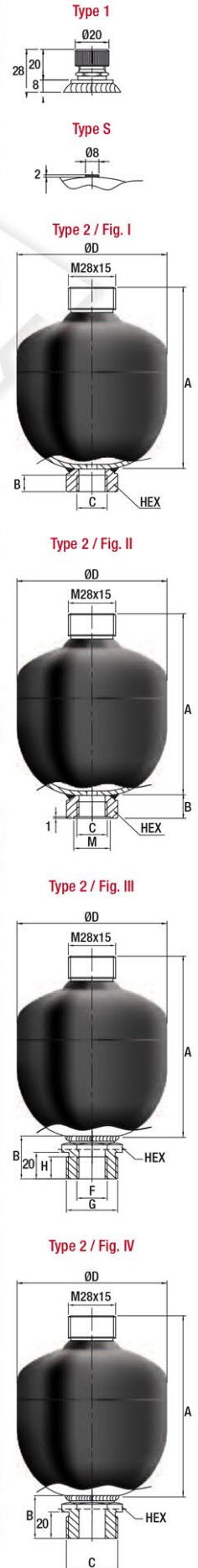
**Standard Konstruktionsmerkmale**

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

Dimensioni / Dimensions / Abmessungen

Tipo	Volume*	Stainless steel	Carbon steel	Duplex steel	Q	Valvola gas	A	ØD	Peso	Fig. I		Fig. II			HEX SW
		Pressione								Attacco fluido	Attacco fluido				
Type	Volume*	Pressure			Lit/min	Gas valve	mm	kg	P.F.C.		B	C	B	C	M
	cm³	max bar													
WA 0.05	0.05	100	210	210	35	M28x1.5 Welded plug 5/8" UNF	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		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	
Type	Volume*	Pression			Q	Valve pour Gaz	Poids		Connection fluide		Connection fluide			HEX SW	
Type	Volume*	Druck					Gasventil	A	ØD	Gewicht	Medium Anschluss	Medium Anschluss			

\* Volume nominale - Nominal volume - Nominal Volumen



Dimensioni / Dimensions / Abmessungen

Tipo	Volume*	Stainless steel	Carbon steel	Duplex steel	Q	Valvola gas	A	ØD	Peso	Fig. III				Fig. IV		HEX SW	
		Pressione								Attacco fluido				Attacco fluido			
Type	Volume*	Pressure			Lit/min	Gas valve	mm	kg	Weight	P.F.C.				P.F.C.		HEX SW	
	cm³	max bar												F	G		B
WA 0.05	0.05	100	210	210	35	M28x1.5 Welded plug 5/8" UNF	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		145	136	3.6					36	14	23-54-36	M14x1.5
WA 1	1	-	350	-	90		150	142	4.0					36	14	Maschio	24-50-41
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			
Type	Volume*	Pression			Q	Valve pour Gaz	Poids		Connection fluide				Connection fluide		HEX SW		
Type	Volume*	Druck					Gasventil	A	ØD	Gewicht	Medium Anschluss						

\* Volume nominale - Nominal volume - Nominal Volumen