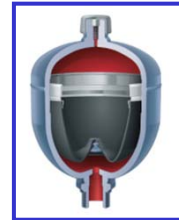




DIAPHRAGM ACCUMULATOR



주식회사 플루마

Fluma Co., Ltd.

HYDRAULIC, PNEUMATIC AND ELECTRIC TECHNOLOGY

DIAPHRAGM ACCUMULATOR ACCEPTANCE & CONSTRUCTION

DIAPHRAGM 형 ACCUMULATOR 승인 규정 및 구조

DIAPHRAGM ACCUMULATOR ACCEPTANCE

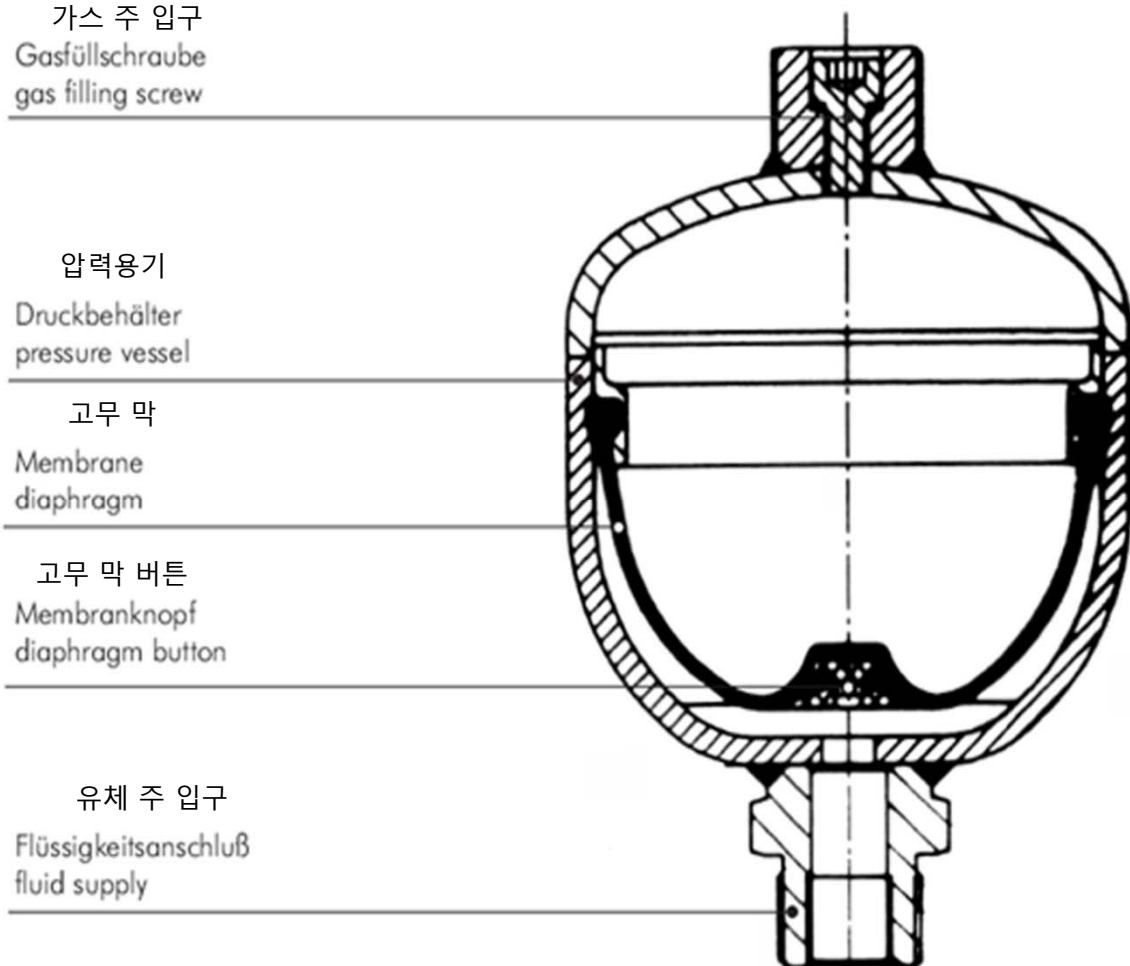
DIAPHRAGM ACCUMULATOR 승인

FLUMA diaphragm accumulator is constructed and produced for worldwide application. The country where diaphragm accumulator will be used should be indicated exactly in order to comply with the foreign specification. Sometimes the address of the enterprise in necessary, too. When using diaphragm accumulator in systems being subject to higher safety standards,(test conditions) such as shipbuilding, unclear power stations, etc. these conditions. Have to be specified in case of inquiries or orders.

FLUMA diaphragm accumulator은 전세계적인 적용을 위해 제작 및 생산을 하고 있다. diaphragm accumulator가 설치될 국가에서는 그나라의 사양에 응하기 위해 정확한 적용 사양을 알려줘야 한다. 상황에 따라서는 회사의 주소도 통보되어야 할 경우도 있다. 조선시장 혹은 핵발전소와 같이 높은 안전 규정(검사조건)이 요구되는 시스템에 diaphragm accumulator가 적용 된다면, 견적문의나 발주시 사양이 반드시 명시되어야 한다.

DIAPHRAGM ACCUMULATOR CONSTRUCTION

DIAPHRAGM ACCUMULATOR 구조



DIAPHRAGM ACCUMULATOR ORDER DESIGNATION
 DIAPHRAGM 형 ACCUMULATOR 주문 코드

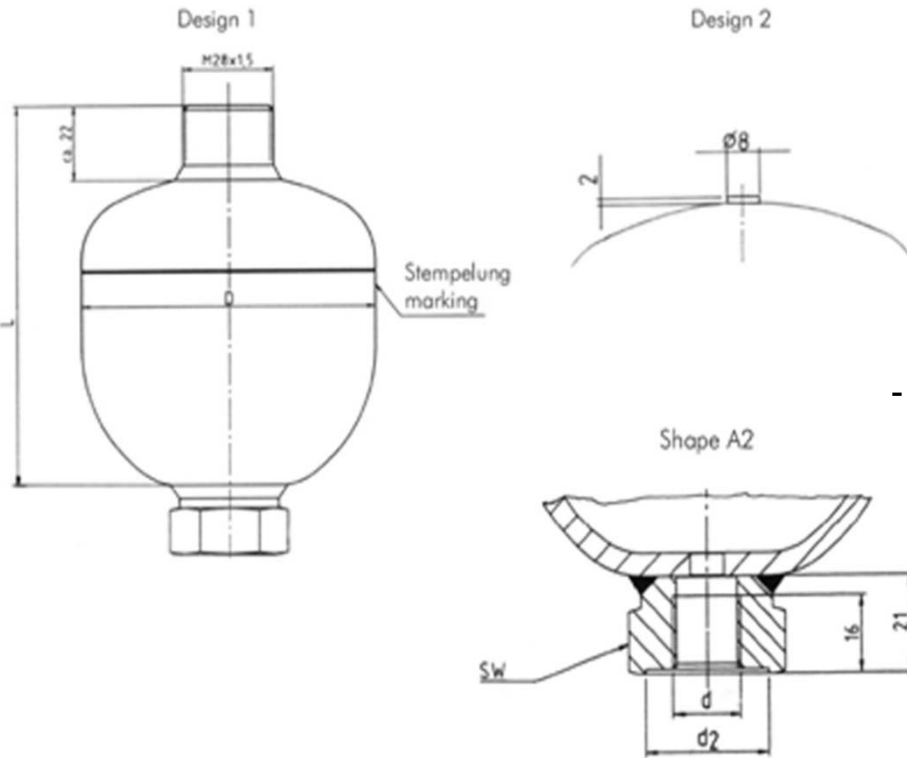
MS 2.0 - 210 / 1 / N / A2 / 040 / T / CE

1 2 3 4 5 6 7 8 9

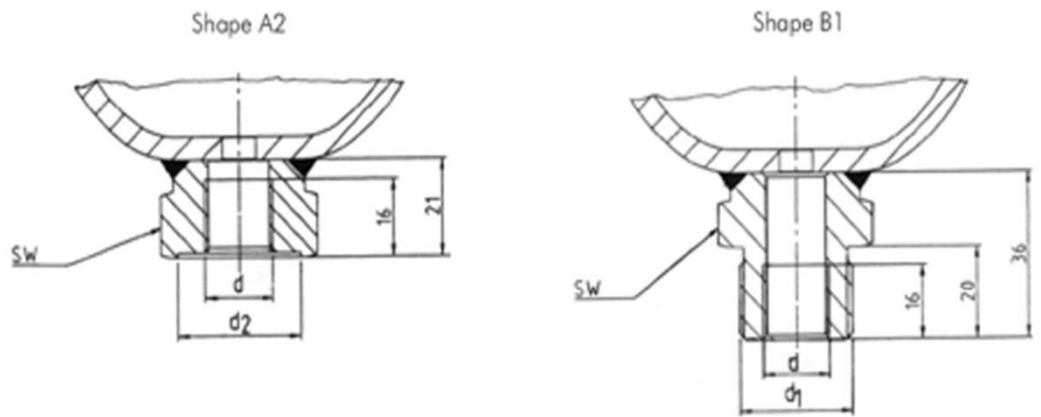
1	Accumulator type Accumulator 타입	⋮	◀	MS diaphragm accumulator
2	Nominal volume 체 적	⋮	◀	Oil capacity (0.075 ~2.8l) 오일 용량 (0.075 ~ 2.8l)
3	Max. operating pressure 최대 작동 압력	⋮	◀	100~250bar (According to acc.spec') 100 ~250bar (Accumulator사양에 따라)
4	Design 디자인	⋮	◀	1 = Gas can be refilled (1 = 가스 재 충전 가능) 2 = Gas can not be refilled (2 = 가스 재 충전 불가능)
5	Diaphragm material Diaphragm 재질	⋮	◀	N = NBR E = ECO B = IIR (Butyl) V = Viton
6	Fluid supply 오일 공급 포트	⋮	◀	A2 = Shape A2(Refer below drawing) A2 = Shape A2(아래 도면 참조) B1 = Shape B1(Refer below drawing) B1 = Shape B1(아래 도면 참조)
7	Pre-charge pressure at 20°C 20°C에서 충전 압력	⋮	◀	By requested customer 고객 요청에 의해
8	Accumulator material Accumulator 재질	⋮	◀	N = C-steel primed R = Stainless steel(e.g.1.4571) T = Steel for temperature down to -40°C C = N, inside chemically nickel plate
9	Acceptance test 검사 규정	⋮	◀	CE Directive 97/23/EC

DIAPHRAGM ACCUMULATOR SPECIFICATION
DIAPHRAGM 형 ACCUMULATOR 사양

- Diaphragm not exchangeable design

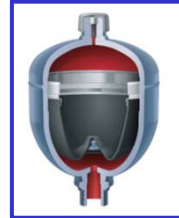


- Fluid supplies



Type	Nominal volume V ₀ (l)	Max. operating pressure		Pressure Ratio P ₂ : P ₀	Weight G (kg)	Max. flow Q(l/min)	Dimensions					
		Standard Steel p(bar)	Stainless Steel P(bar)				L (mm)	D (mm)	d1 (mm)	d (Zoll)	d2 (mm)	SW (mm)
MS 0.075	0.075	250	-	8 : 1	0.7	35	90	64	*	G ½	29	32
MS 0.16	0.16	250	180	8 : 1	0.9	35	101	74	*	G ½	29	32
MS 0.25	0.25	210	140	8 : 1	1.1	35	107	84	*	G ½	29	32
MS 0.32	0.32	210	160	8 : 1	1.3	80	116	93	*	G ½	29	32
MS 0.50	0.50	210	150	8 : 1	1.7	80	130	104.5	*	G ½	29	32
MS 0.75	0.75	150	-	8 : 1	2.1	80	141	117	M33 x 1.5	G ½	34	41
MS 0.75	0.75	210	140	8 : 1	2.8	80	145	121	M33 x 1.5	G ½	34	41
MS 0.75	0.75	330	-	8 : 1	3.5	80	149	125	M33 x 1.5	G ½	34	41
MS 1.00	1.00	200	150	8 : 1	3.6	80	155	136	M33 x 1.5	G ½	34	41
MS 1.40	1.40	140	-	8 : 1	5.4	80	178	150	M33 x 1.5	G ½	34	41
MS 1.40	1.40	210	150	8 : 1	5.4	80	178	150	M33 x 1.5	G ½	34	41
MS 1.40	1.40	250	-	8 : 1	5.4	80	178	150	M33 x 1.5	G ½	34	41
MS 2.00	2.00	100	100	8 : 1	4.2	140	192	163	M33 x 1.5	G ½	34	41
MS 2.00	2.00	210	-	8 : 1	6.6	140	196	166	M33 x 1.5	G ½	34	41
MS 2.80	2.80	210	-	4 : 1	8.2	140	248	166	M33 x 1.5	G ½	34	41
MS 2.80	2.80	-	100	4 : 1	6.0	140	244	163	M33 x 1.5	G ½	34	41

Fluma Co., Ltd.



주식회사 플루마 Fluma Co., Ltd.

(우)50877 경상남도 김해시 주촌면 서부로1499번길22-60(주촌면)

Tel: 055-909-8129 Fax:055-909-8130

22-60, Sebu-ro 1499 beon-gil, Juchon-myeon,
Gimhae-si, Gyeongsangnam -do, Rep. of Korea

영업

심재문 대표

메일 : jmshim@fluma.co.kr, www.fluma.co.kr
전화 : +82 55 909 8129 / 팩스 : +82 55 909 8130
핸드폰 : +82 10 2561 8129

정현성 이사

메일 : hsjung@fluma.co.kr, www.fluma.co.kr
전화 : +82 55 909 8129 / 팩스 : +82 55 909 8130
핸드폰 : +82 10 9525 6263

Sales contact persons

Jae-mun, Shim / President,
E-mail : jmshim@fluma.co.kr, www.fluma.co.kr
Tel. : +82 55 909 8129 / Fax. : +82 55 909 8130
M.P : +82 10 2561 8129

Hyeon-sung, Jung / Director,
E-mail : hsjung@fluma.co.kr, www.fluma.co.kr
Tel. : +82 55 909 8129 / Fax. : +82 55 909 8130
M.P : +82 10 9525 6263