



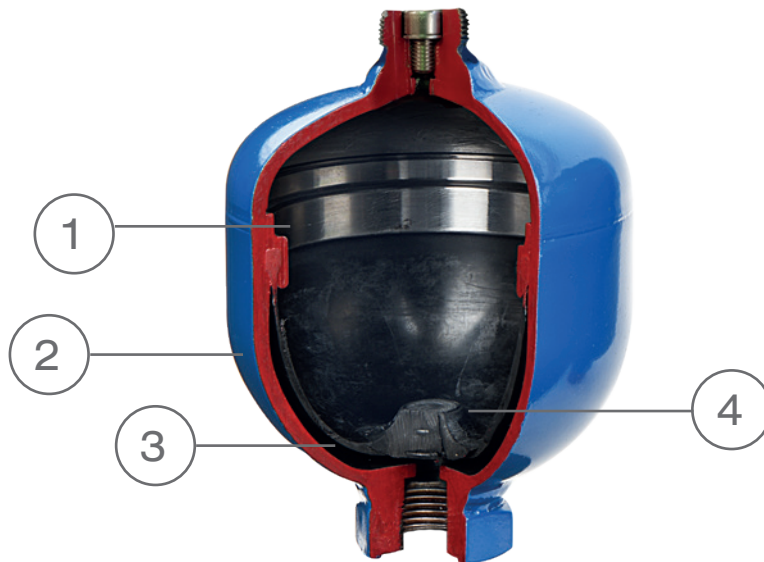
隔膜蓄能器

DIAPHRAGM
ACCUMULATORS



独特的隔膜蓄能器特点

Unique Diaphragm Accumulator Features

**1 金属隔膜环**

- 确保隔膜的可重复夹紧力
- 锁定控制变形
- 稳定的金属环与塑料环

2 优化的外壳形状

- 重量减轻
- 强度完整性
- 压力波动范围广

3 优化隔膜形状和材料选择

- 改善轧制性能
- 温度范围广
- 渗透性低

4 高耐久性提升阀

- 未硫化至隔膜
- 允许隔膜快速运动
- 通过集成排放通道完全排放流体

1 Metal diaphragm clamping ring

- Secure reproducible clamping force of the diaphragm
- Controlled deformation for locking
- Stable metal ring vs. plastic ring

2 Optimized shape of the shell

- Weight reduction
- Strength integrity
- Wide range of pressure fluctuations

3 Optimized diaphragm shape and material selection

- Improved rolling properties
- Wide temperature range
- Low permeation

4 High durability poppet valve

- Not vulcanized to the diaphragm
- Allows fast motions of diaphragm
- Total discharging of fluid through incorporated discharging channels

液压蓄能器 - Hydraulic Accumulators

能量存储/脉动阻尼器

电焊式液压蓄能器

- 产品种类繁多，性能卓越
- 体积从 0.07 - 3.5 L
- 工作压力高达 350 巴（高耐爆裂）
- 维护简单
- 持续时间长

能量储备

- 管理和控制来自液压系统的能量

特殊应用的结构

- 提供适用于不同流体和应用的各种类型的膜
- 可以进行预充电控制
- 低渗透性

脉动阻尼器

- 减少峰值后的振动和噪音压力
- 效率高，寿命长

Energy Accumulators/Pulsation Dampers

Electron-beam welded Hydraulic Accumulators

- Large volume and performance range
- 0.07 to 3,5 liters
- Pressure range up to 350 bar (high bursting strength)
- Low.maintenance design
- Long service life

Energy accumulation

- Controlled energy delivery for hydraulic applications

Application-specific design

- The most varied diaphragm and housing materials available
- Refillable
- Low permeation

Pulsation damping

- Vibration and noise reduction with pressure surges
- Efficiency and extension of service life

隔膜式蓄能器 Diaphragm Accumulator

技术数据 - TECHNICAL DATA

型号 Type	规格 Article (*)	标称容积 Nominal volume Litri / Litres	允许的工作压力 Permissible operating pressure bar	C	E	F	D	H1	重量 Weight Kg.	最大压力 比 Max pressure ratio (**)
MBSP 0,07-250	007.1315.013.6X1	0.07	250	32	G 1/2"	-	66	110.5	0.76	8:1
MBSP 0,16-250	016.1315.024.6X1	0.16	250	32	G 1/2"	-	76	123.5	0.95	8:1
MBSP 0,32-210	032.1315.044.6X1	0.32	210	32	G 1/2"	-	95	139	1.42	8:1
MBSP 0,5-210	050.1315.013.6X1	0.5	210	41	G 1/2"	-	103	152.5	2.00	8:1
MBSP 0,5-210	050.1315.023.6X1	0.5	210	41	G 1/2"	M33x1.5	103	165.5	2.00	8:1
MBSP 0,6-330	060.1315.013.7X1	0.6	330	41	G 1/2"	-	111	170.5	3.00	4:1
MBSP 0,75-210	075.1315.043.6X1	0.75	210	41	G 1/2"	-	122	176	2.52	8:1
MBSP 0,75-210	075.1315.053.6X1	0.75	210	41	G 1/2"	M33x1.5	122	189	2.52	8:1
MBSP 0,75-350	075.1315.012.7X1	0.75	350	41	G 1/2"	-	126	180.5	3.92	8:1
MBSP 0,75-350	075.1315.022.7X1	0.75	350	41	G 1/2"	M33x1.5	126	193.5	3.92	8:1
MBSP 1,0-250	100.1315.083.6X1	1.0	210	41	G 1/2"	-	136	179	4.20	8:1
MBSP 1,0-350	100.1315.043.7X1	1.0	350	41	G 1/2"	-	140	183	5.00	4:1
MBSP 1,0-350	100.1315.053.7X1	1.0	350	41	G 1/2"	M33x1.5	140	196	5.00	4:1
MBSP 1,4-160	140.1315.043.5X1	1.4	140	41	G 1/2"	M33x1.5	146	208	3.94	8:1
MBSP 1,4-210	140.1315.153.6X1	1.4	210	41	G 1/2"	M33x1.5	152	220	5.20	8:1
MBSP 1,4-250	140.1315.112.6X1	1.4	250	41	G 1/2"	-	158	213.1	6.34	8:1
MBSP 1,4-350	140.1315.012.7X1	1.4	350	41	G 1/2"	-	158	213.1	7.00	8:1
MBSP 1,4-350	140.1315.022.7X1	1.4	350	41	G 1/2"	M33x1.5	158	226.1	7.00	8:1
MBSP 2,0-250	200.1315.142.6X1	2.0	250	41	G 3/4"	-	172	242	8.72	6:1
MBSP 2,0-350	200.1315.042.7X1	2.0	350	41	G 3/4"	-	172	242	9.50	6:1
MBSP 2,8-250	280.1315.032.6X1	2.8	250	41	G 3/4"	-	172	268	10.86	4:1
MBSP 3,5-250	350.1315.072.6X1	3.5	250	41	G 3/4"	-	172	321	11.44	4:1

(*)

X 相当于当前隔膜材料的识别数字:

- 标准材料 NBR (-20/+80)°C = 1
- 材料 IIR = 2
- 材料 FKM (-10/+150)°C = 3
- 材料 ECO (-30/+110)°C = 4
- 根据要求提供其他材料

(**)

隔膜的允许压力比 P2 (工作压力) / PO (充气压力)

(*)

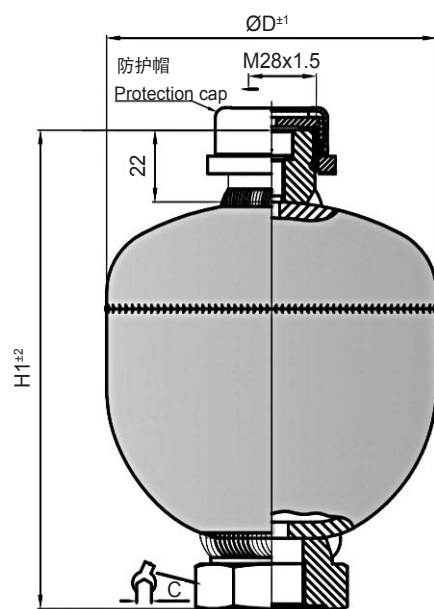
X equates to identification figure at current diaphragm material:

- standard material NBR (-20/+80)°C = 1
- material IIR = 2
- material FKM (-10/+150)°C = 3
- material ECO (-30/+110)°C = 4
- other materials on requiry

(**)

permissible pressure ratio for diaphragm

P2 (pressione di lavoro) / PO (pressione di riempimento gas)



气体侧连接
Gas side connection

