

# 隔膜式蓄能器

Freudenberg 隔膜式蓄能器被设计用于工业和车辆上的应用，具有重量轻和高强工作性能的特点。隔膜式蓄能器应用广泛，包括：储存能量，减震，消除脉冲，渗漏补偿，热膨胀，能量交换/补充泵的流量，减小噪声，和提高响应时间。

Freudenberg 隔膜式蓄能器是流体控制系统中不可缺少的一个部件，应用于工业，农机系统，工程机械，工业自动化，机器人，机床和发电厂中。

Freudenberg 设计和生产的蓄能器使用高强钢和耐极端环境的橡胶，具有良好使用性，可靠性和较长的服务寿命。

## 对客户价值

- 低渗透率
- 双提升阀
- 金属隔膜压圈
- 维修间隔时间长
- 温度范围大
- 重量轻





## TECHNICAL DATA

Model Number	FST Type	Volume Liters	Elastomer	SAP#	Fluid Port	Maximum Allowable Working Pressure	Operational Temperature Range	Estimated Dry Weight
TD30-032NM9	0.32-210	0.32	Perbunan® NBR	49338275	SAE 8	3045 psi/210 bar	+10° to 80°C	1.81 kg.
			ECO/Hydrin	49338276			-35° to 80°C	
TD30-050NM9	0.50-210	0.50	Perbunan® NBR	49338277	SAE 8	3045 psi/210 bar	+10° to 80°C	2.08 kg.
			ECO/Hydrin	49338278			-35° to 80°C	
TD30-075NM9	0.75-210	0.75	Perbunan® NBR	49338291	SAE 8	3045 psi/210 bar	+10° to 80°C	2.72 kg.
			ECO/Hydrin	49338292			-35° to 80°C	
TD30-100NM9	1.0-210	1.00	Perbunan® NBR	49338355	SAE 8	3045 psi/210 bar	+10° to 80°C	3.99 kg.
			ECO/Hydrin	49338363			-35° to 80°C	
TD30-140NM9	1.4-210	1.40	Perbunan® NBR	49338258	SAE 8	3045 psi/210 bar	+10° to 80°C	4.22 kg.
			ECO/Hydrin	49338259			-35° to 80°C	
TD36-007NM8	0.07-250	0.07	Perbunan® NBR	49338273	SAE 6	3625 psi/250 bar	+10° to 80°C	0.82 kg.
			ECO/Hydrin	49338274			-35° to 80°C	
TD36-016NM8	0.16-250	0.16	Perbunan® NBR	49338271	SAE 6	3625 psi/250 bar	+10° to 80°C	1.0 kg.
			ECO/Hydrin	49338272			-35° to 80°C	
TD36-075NM9	0.75-250	0.75	Perbunan® NBR	49338290	SAE 8	3625 psi/250 bar	+10° to 80°C	3.17 kg.
			ECO/Hydrin	49338279			-35° to 80°C	
TD36-140NM9	1.4-250	1.40	Perbunan® NBR	49338340	SAE 8	3625 psi/250 bar	+10° to 80°C	5.0 kg.
			ECO/Hydrin	49338341			-35° to 80°C	
TD36-200NM9	2.0-250	2.00	Perbunan® NBR	49338345	SAE 8	3625 psi/250 bar	+10° to 80°C	9.48 kg.
			ECO/Hydrin	49338344			-35° to 80°C	
TD36-200NMB	2.0-250	2.00	Perbunan® NBR	49338342	SAE 12	3625 psi/250 bar	+10° to 80°C	9.48 kg.
			ECO/Hydrin	49338346			-35° to 80°C	
TD36-280NM9	2.8-250	2.80	Perbunan® NBR	49338347	SAE 8	3625 psi/250 bar	+10° to 80°C	11.02 kg.
			ECO/Hydrin	49338348			-35° to 80°C	
TD36-280NMB	2.8-250	2.80	Perbunan® NBR	49338349	SAE 12	3625 psi/250 bar	+10° to 80°C	11.02 kg.
			ECO/Hydrin	49338360			-35° to 80°C	
TD36-350NMB	3.5-250	3.50	Perbunan® NBR	49338361	SAE 12	3625 psi/250 bar	+10° to 80°C	14.02 kg.
			ECO/Hydrin	49338362			-35° to 80°C	

### 备注:

所有的蓄能器的充气阀均为M28\*1.5。低温选择应用: ECO/Hydrin (Epichlorohydrin)

橡胶选择: N=NBR, U=ECO/Hydrin, V=FKM; 如有其它橡胶材料要求可以来电咨询。

氮气最大允许充气压力- 1885PSI/130bar

流体接口尺寸: “8” = SAE-6 (9/16-18 UNF-2B); “9” = SAE-8 (3/4-16 UNF-2B); “B” = SAE-12 (1-1/16-12 UNF-2B)

认证: 符合European PED 97/23/EC article 3, paragraph 3, w/o CE marking

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.

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