



LEEMIN
黎明液压

FGXQ系列非隔离式蓄能器

FGXQ NON-SEPARATED ACCUMULATORS SERIES

(一) 简介INTRODUCTION

非隔离式蓄能器是以储气方式储存能量，作为气体动力源，或在液压系统中起储能、稳定压力、补偿液压损耗等作用。具有容量大、功率损耗少、占地面积小等优点。

公司生产的非隔离式蓄能器采用无缝钢管热旋压成形工艺，具有结构可靠、外观美观、性能稳定的特点。已广泛应用于轻工机械和军工等行业中。

公司产品使用方便，系列齐全。特殊的规格和连接尺寸可根据要求生产，欢迎广大用户订购。

Non-separated accumulators saving the energy by storing the gas. As the gas power source, it functions as storing of energy, stabilizing of pressure, compensation of leakage. It has the advantages of big capacity, low power consumption and small location sharing.

We adopt the process of hot spinning that is applicable to the closing of seamless steel pipe. Because of the following features: compact design, beautiful outlook, stability performance. The non-separated accumulator is widely used in light industry machinery and military industries.

The products are convenient to use, the product's models are enough. We can custom the accumulator according to the user's special requirements.



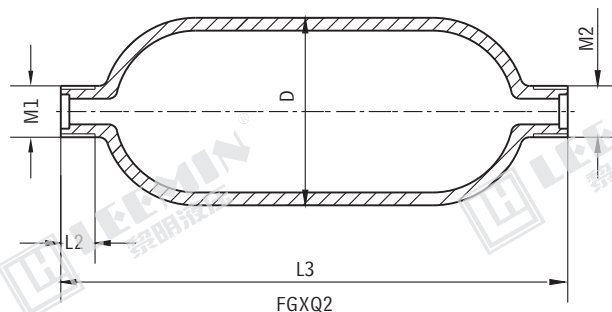
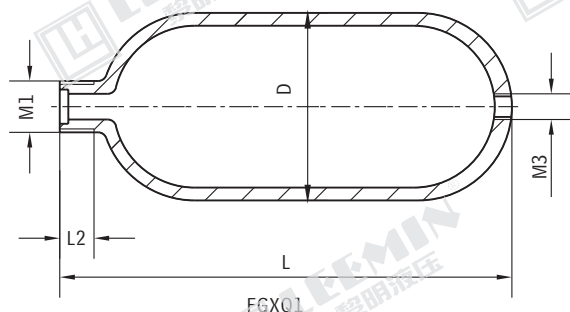
(二) 型号说明 MODEL CODE

FGXQ 1 - / -	
非隔离式蓄能器 Non-separated Accumulator	壳体外径Diameter of the shell A : 152 C : 219 D : 299 E : 351 F : 426
1 : 1型结构 1 type, Single head construction 2 : 2型结构 2 type, Single head construction	设计压力Design Pressure : MPa
公称容积Nominal Volume : L	

(三) 使用说明 OPERATING NOTE

1. 非隔离式蓄能器使用时应垂直安装。
2. 不得用焊接、铆接方法来固定非隔离式蓄能器。
3. 非隔离式蓄能器充气压力，应低于系统最低工作压力的90%(一般为60-80%)。
4. 安装后，应检查接口处是否漏气，并按规定进行定期检验。
1. The non-separated accumulator should be installed vertically.
2. Welding, riveting is not applied to fix the non-separated accumulator.
3. The inflating pressure should be lower than 90% of the lowest working pressure of the hydraulic system(generally 60%-80%)
4. Check the hydraulic port for leaks when installing the accumulator and check the pressure as required timely.

(四) 外形尺寸 MOUNTING SIZE





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型号 Model	设计压力 Design Pressure (MPa)	公称容积 Nominal Volume (L)	尺寸 Size(mm)						重量(kg)					
			D	L3	L	L2	M1	M2或M3	G1			G2		
									12MPa	20MPa	31.5MPa	12MPa	20MPa	31.5MPa
FGXQ△-6.3/*-A	12	6.3	152	625	572	35	M42X2	M2 M42X2	15.4	11.9	16.2	15.7	12.1	16.5
FGXQ△-10/*-A		10		885	835			M3 M22X1.5	15.4	11.9	16.2	15.7	12.1	16.5
FGXQ△-10/*-C		10	219	550	497	40	M60X2	M2 M60X2 M3 M30X1.5	27.3	20.8	28.4	27.6	21.2	28.7
FGXQ△-16/*-C		16		755	702				39.5	30.2	41.1	39.8	30.5	41.4
FGXQ△-20/*-C		20		890	837				47.8	36.5	49.7	48.1	36.8	50
FGXQ△-25/*-C		25		1060	1007				58.2	44.4	60.5	58.5	44.7	60.8
FGXQ△-32/*-C		32		1295	1242				72.5	55.4	75.5	72.9	55.7	75.8
FGXQ△-36/*-C		36		1430	1377				80.9	61.7	84.1	81.2	62	84.4
FGXQ△-40/*-C		40		1565	1512				88.8	67.7	92.4	89.1	98	92.7
FGXQ△-50/*-C		50		1905	1852				109.5	83.4	113.7	109.8	83.7	114
FGXQ△-25/*-D	20	25	299	715	650	45	M80X2	M2 M80X2 M3 M48X2	64.5	49.4	66.3	65.5	50.4	67.3
FGXQ△-32/*-D		32		840	775				78.5	60.1	80.7	79.5	61.1	81.7
FGXQ△-40/*-D		40		985	920				94.7	72.4	97.4	94.7	73.4	98.4
FGXQ△-50/*-D		50		1175	1100				114.8	87.7	118	115.8	88.7	119
FGXQ△-63/*-D		63		1400	1335				140.5	107.5	144.5	141.5	108.5	145.5
FGXQ△-72/*-D		72		1560	1495				158.4	120.8	162.9	159.4	121.8	163.9
FGXQ△-80/*-D		80		1705	1640				174.5	133.1	179.6	175.5	134.1	180.6
FGXQ△-100/*-D		100		2065	2000				214.2	163.2	220.4	215.2	164.2	221.4
FGXQ△-140/*-D		140		2785	2720				294	224	302.6	295	225	303.6
FGXQ△-50/*-E	31.5	50	351	955	880	60	M115X3	M2 M115X3 M3 M60X2	126.9	90	126.9	129.9	93	129.9
FGXQ△-63/*-E		63		1125	1050				153.3	108.4	153.3	156.3	111.4	156.3
FGXQ△-80/*-E		80		1345	1270				187.5	131.3	187.5	190.5	134.3	190.5
FGXQ△-100/*-E		100		1605	1530				227.9	160.4	227.9	230.9	163.4	230.9
FGXQ△-120/*-E		120		1865	1790				268.3	188.5	268.3	271.3	191.5	271.3
FGXQ△-140/*-E		140		2125	2050				308.7	216.6	308.7	311.7	219.6	311.7
FGXQ△-160/*-E		160		2385	2310				349.1	244.7	349.1	352.1	247.7	352.1
FGXQ△-200/*-E		200		2905	2830				429.9	300.9	429.9	432.9	302.9	432.9
FGXQ△-160/*-F		160	426	1725	1651	60	M140X3	M2 M140X3 M3 M72X2	348.9	259.8	348.9	353.9	264.8	353.9
FGXQ△-200/*-F		200		2075	2001				425.6	316.5	425.6	430.6	321.5	430.6
FGXQ△-250/*-F		250		2510	2436				521	386.8	521	526	391.8	526
FGXQ△-300/*-F		300		2945	2871				616.3	457.2	616.3	621.3	462.2	621.3

注：1 △为结构型式1、2；G1、G2分别表示1、2型的重量；*表示设计压力；若工作压力为20MPa，容量为16L，直径 219，结构形式为双头，则蓄能器型号为：FGXQ2-16/20-C

2 接螺纹尺寸如有特殊要求，与技术联系，可根据用户要求生产

note:1. means structure type 1 or 2; G1、G2 stand for the weight of 1、2; * is Design Pressure. If the operating pressure is 20MPa, capacity is 16L, diameter Φ219, double head construction, the model of this Non-separated Accumulators is FGXQ2-16/20-C.

2. If special requirements to the hydraulic port by the user's, we custom it.