

HLA Series

用于主题公园的娱乐设施座椅的安全装置，如过山车、机器人模拟器、虚拟现实游艺机等。

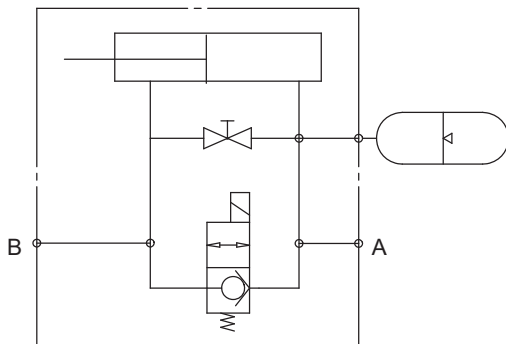
- 即装即用，安装简单且易于使用。
- 全封闭结构，内部液压系统几乎无需维护。
- 电动操纵解除锁止，紧急情况下可使用手动解除。
- 舒适性高，安全杆的活动平滑安静。



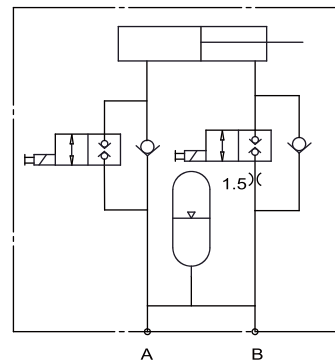
HLA系列液压锁止执行器，是专为游乐设施和飞行结构而开发的，并可以根据不同需求进行配置。它们确保在乘客约束系统的肩部约束、腿部约束和腹部约束中实现最大安全性。

类型和功能

A 型



B 型



1) Seat bar locking

The rod of the hydraulic cylinder keep extended normally, the restraint system is “locked” either type A and B. Hydraulic check valve prevents the cylinder retracting during operation to lock the protection bar.

2) The type “B” locking actuator, it is not able to generate enough extension forces to unlock the restraint system, the low extension forces bring about a force that closes the restraint system. It is necessary to bring an additional system (e. g. gas spring, torsion spring) to open motion and maintain the restraint system in the open position.

3) In the open state of the restraint system Type B, the lock of valve prevents the cylinder from extending under load. Passengers can use the restraint system as a handhold when entering and leaving the seat.

1)

座椅杆锁定 液压缸的杆通常保持伸出, 约束系统处于“锁定”状态, 无论是A型还是B型。液压止回阀在操作期间防止油缸收缩以锁定防护杆。

2)

B型锁定执行器无法产生足够的伸出力来解锁约束系统, 低伸出力会导致一个关闭约束系统的力。必须引入额外的系统 (例如气弹簧、扭簧) 来驱动开启运动并维持约束系统处于开启位置。

3)

在约束系统B型的打开状态中, 阀的锁定防止油缸在负载下伸出。乘客可以在登机和下机时将约束系统用作扶手

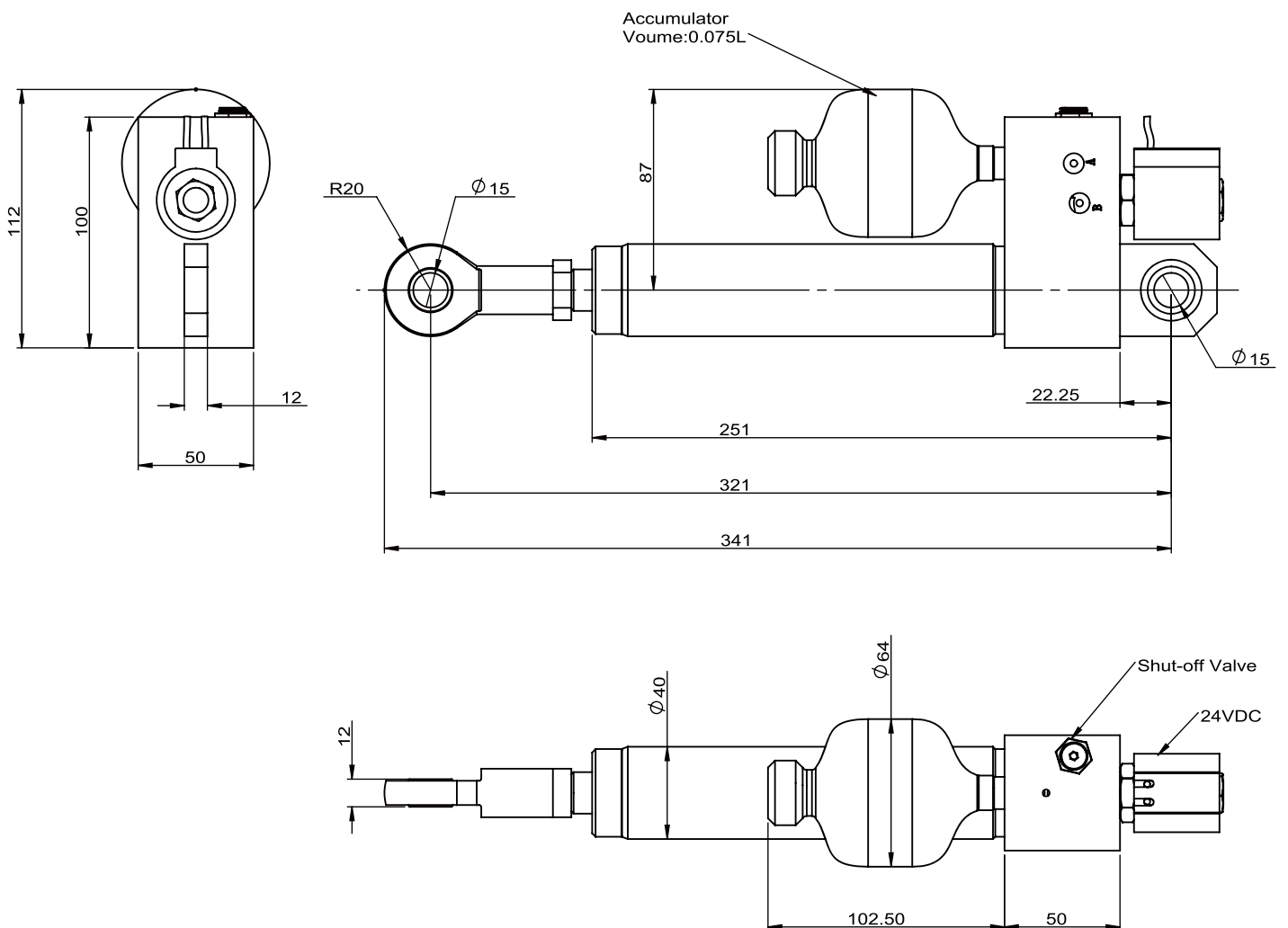
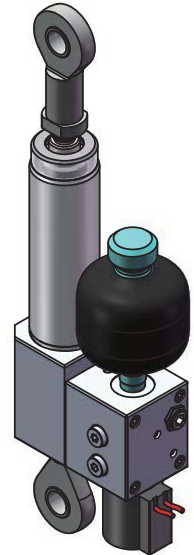
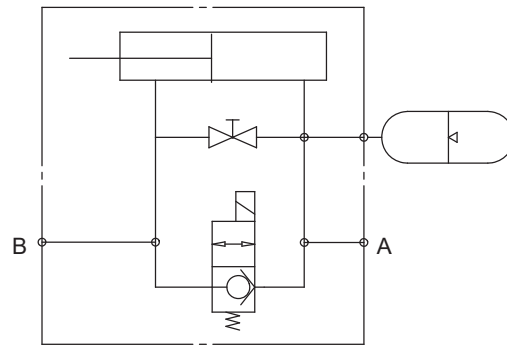
主要技术参数

锁止方向	Locking Directon	阻止活塞杆伸出	Against Extending
工作温度	Working Temp.	-10 to 60°C	
安装方向	Mounting Direction	任意方向，无限制	Unrestricted, any direction
电源失效后动作	Action when Power failed	锁止，无法伸缩动作	Locked, no movement allowed
外形尺寸	Outline Dimension	参看后页图纸	refer to drawing
伸出速度 (20°C)	Extending Speed at 20°C	55-58mm/s	
预充气体	Filled Gas	氮气	Nitrogen
液压介质	Hydraulic Fluid	HV22-32 per ISO 11158	
预充气体压力	Precharged Air Pressure	8-30Bar 可指定,	Determined by actual load
额定电压	Rated Voltage	DC24V	
阀线圈功率	Rated Power of Valve Coil	18W	
额定电流	Rated Current	0.8-0.9A	
接头类型	Connector Type	1- Deutsch DT04-2P,	2- DIN43650 3-Lead Wire
防护等级	Protection Grade	1- IP68	2- IP65 4- IP65

外形尺寸

Type A

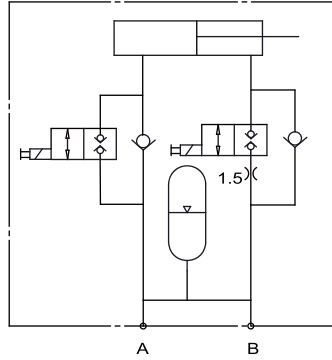
内径 Bore Size:	25mm
杆径 Rod Size:	18mm
最大保持力	
Max Holding:	6000N@130Bar
行程 Stroke:	80-110mm
推力/巴	
Push Force per Bar:	21N
蓄能器容积	
Accumulator size:	0.075L
预充压力	
Precharged air pressure:	30Bar



外形尺寸

Type B

内径 Bore Size:	25mm
杆径 Rod Size:	20mm
最大保持力	
Max Holding:	7000N@190Bar
行程 Stroke:	130-220mm
推力/巴	
Push Force per Bar:	31N
蓄能器容积	
Accumulator size:	0.32L
预充压力	
Precharged air pressure:	5Bar



Accumulator precharged air pressure: 4.2Bar

Accumulator Voume:0.32L,
Precharged pressure 4.2Bar

