

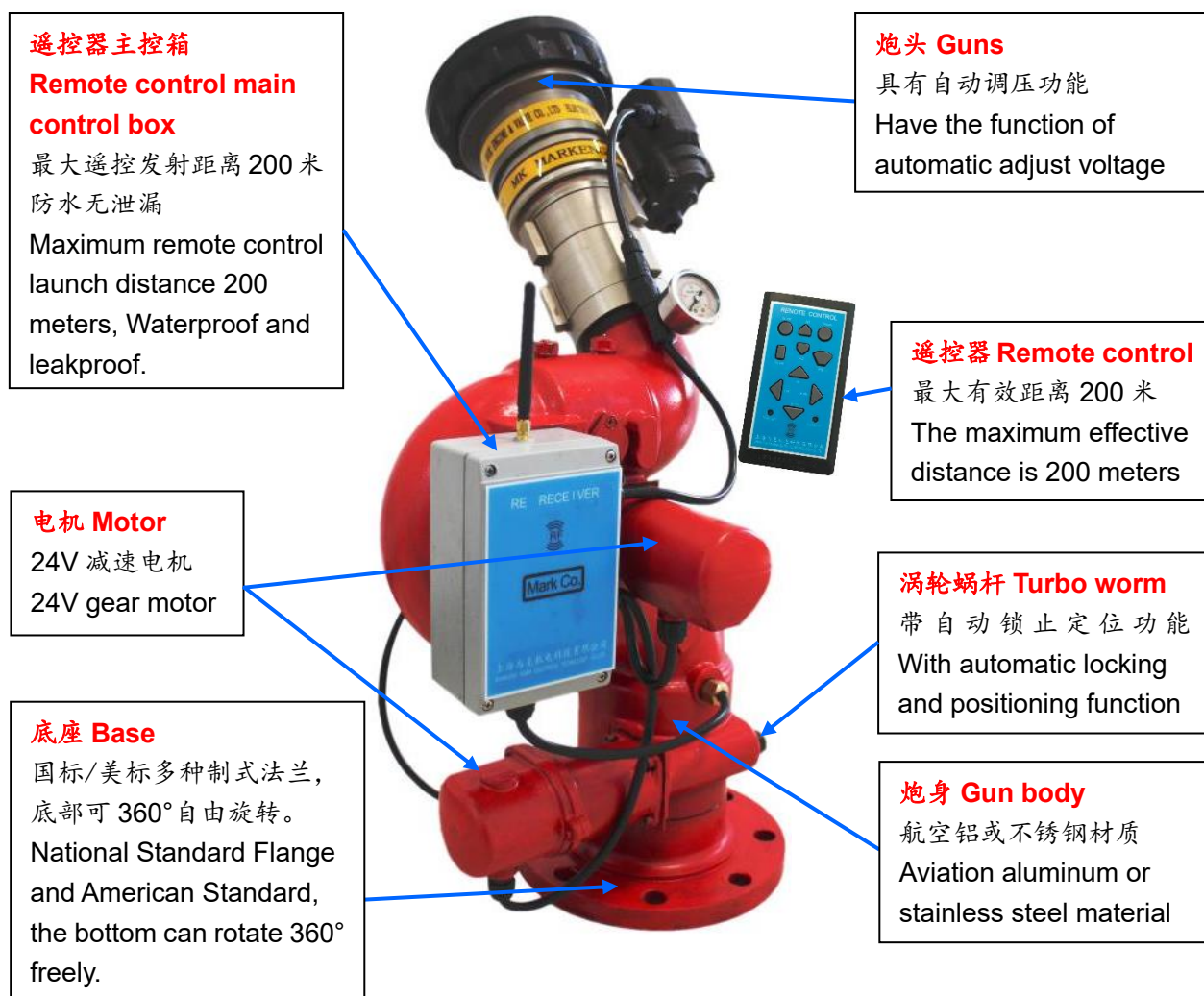
Markvalve

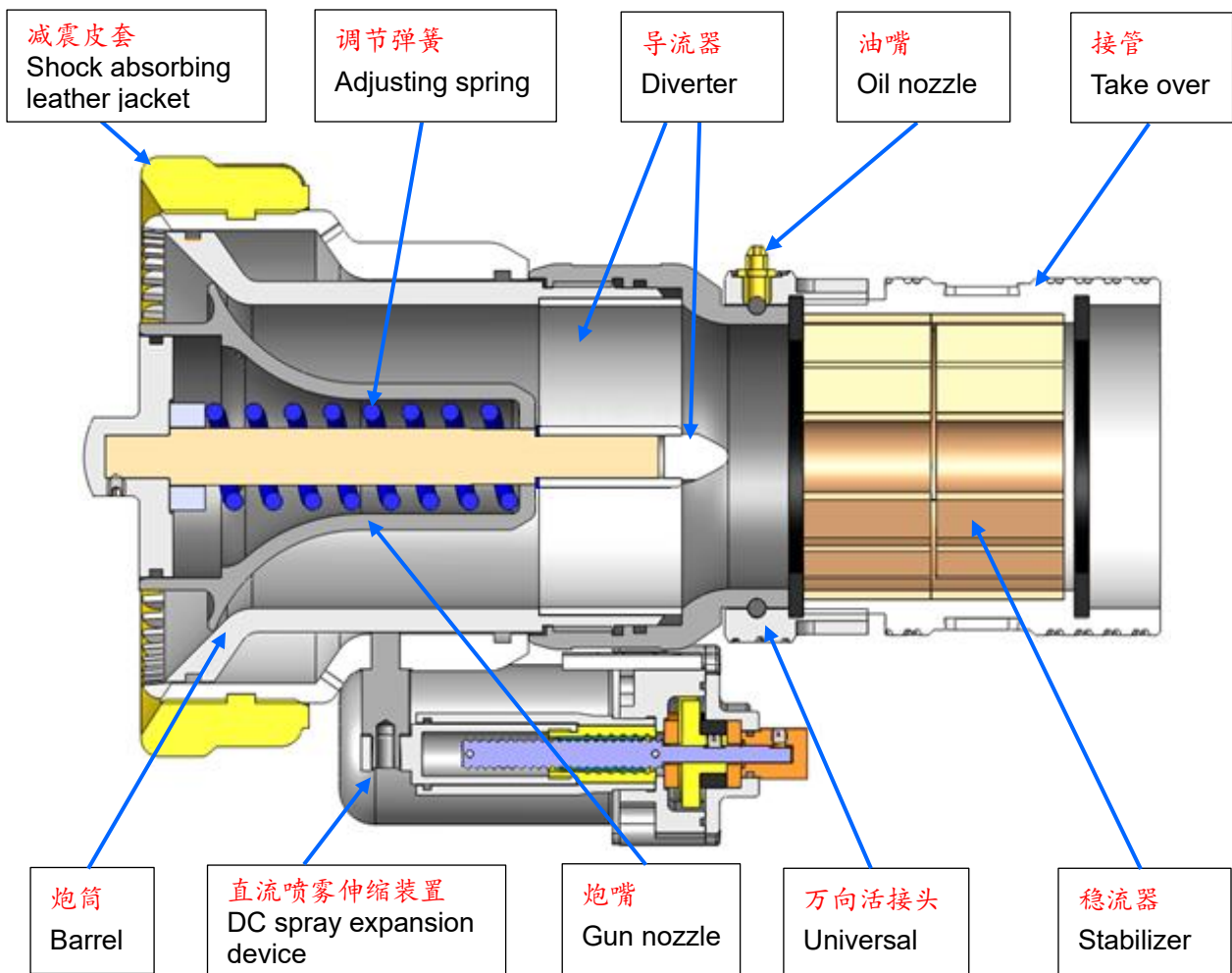
电控消防炮 Electronic Control Fire Monitor



本产品为全叶片流道射流，更稳定。炮头具有恒定流量自动调节功能，以达到极佳喷射效果。能在 0.6~1.2Mpa 压力范围内，保持射程距离。还可配置射流成型器能使水源更稳更远的射向火源，最大射程 82 米。电动遥控炮工作电压采用 24VDC 安全电压。水平旋转角度为 360°无死角，俯仰角范围为 135°，主控箱射频 (RF) 装置可以控制水平左右旋转、垂直俯仰及直流/喷雾功能，遥控距离 200 米以上，操作更安全。电缆接头、驱动马达和控制盒均采用防水设计。系统失电时可采用手动模式。电动遥控炮广泛使用于石油，化工，制药等重要场所，是一款理想的产品。

This product is full blade runner jet, more stable. The gun head has the function of constant flow automatic adjustment to achieve the best injection effect. Can be in Zero point 0.6~1.2Mpa Within the pressure range, ensure the range distance. It can also be equipped with a jet shaper to make the water source more stable and more distant, with a maximum range of 82 meters. The working voltage of the electric remote control gun is 24VDC. The horizontal rotation angle is 360° degrees without dead angle, and the pitch angle is 135° degrees. The main box radio frequency (RF) device can control the horizontal rotation, vertical pitch and DC / spray function. The remote control distance is more than 200 meters, and the operation is safer. Cable joints, drive motors and control boxes are all waterproof. Manual mode can be adopted in case of system power loss. Electric remote control gun is widely used in petroleum, chemical, pharmaceutical and other important places, is an ideal product.

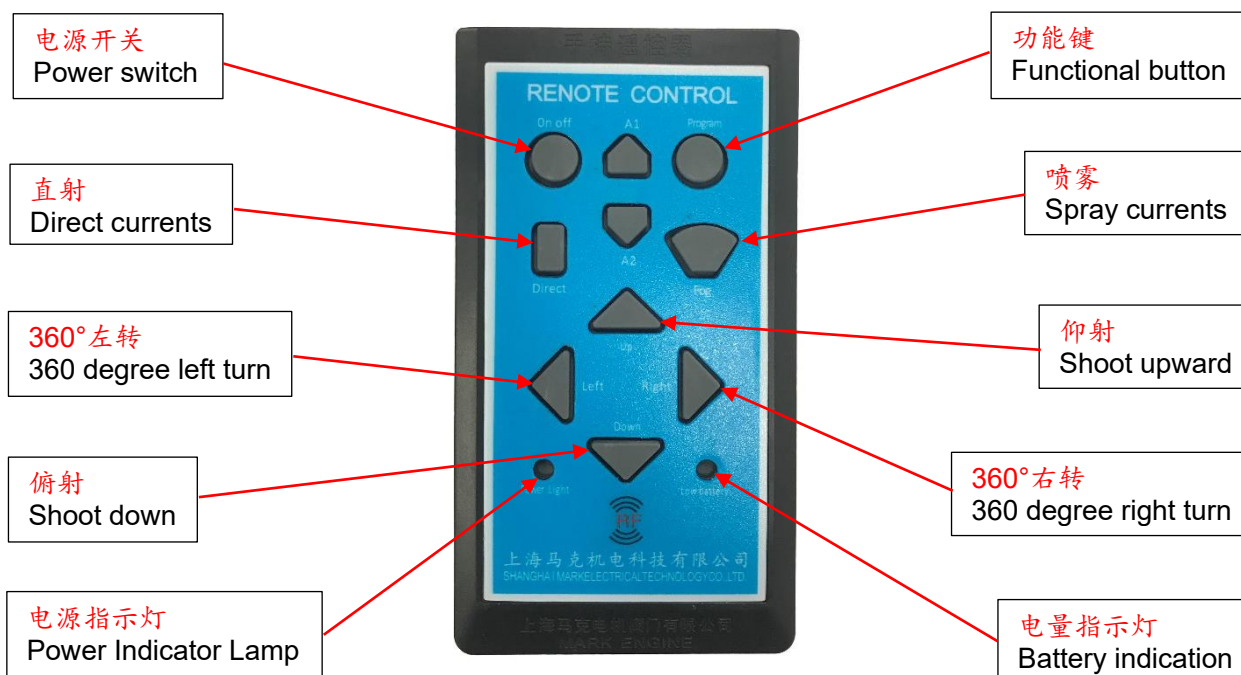




炮头主要零部件功能 Main Component Function

- 1、减震皮套是橡塑材质，起保护炮头免受外力撞击，延长使用寿命。
shock absorber leather is rubber and plastic material, protect the artillery head from external impact, prolong the service life.
- 2、调节弹簧是自动调节平衡流量与压力的关系，保证有效射程。
The regulating spring automatically adjusts the relationship between equilibrium flow and pressure to ensure effective range.
- 3、导流器流线型设计，减小流体阻力，提高射程。
Streamline design of the deflector reduces fluid resistance and improves range.
- 4、油嘴使注油更方便。
The oil nozzle makes the injection more convenient.
- 5、接管连接炮身，固定稳流器。
Take over the connecting gun and fix the stabilizer.
- 6、稳流器能有效的消除液体在高速运动中所产生的紊流，减少噪声。
The stabilizer can effectively eliminate the turbulence generated by the liquid in high speed motion and reduce noise.
- 7、万向接头使炮头与炮身连接更准确方便。
The universal joint makes the connection between the gun head and the gun body more accurate and convenient.
- 8、炮嘴导流液体高速喷出。
The nozzle diversion liquid is spewed out at high speed.
- 9、直流喷雾装置是通过遥控形成直流和喷雾水花。
DC spray device is through remote control to form DC and Spray water flowers.
- 10、炮筒在喷雾时通过雾化齿形成水花，直流时保证有效射程。
Spray is formed by spray teeth, and effective range is ensured by DC.

遥控器 A 型 Remote controller type A



使用介绍 Introduction to Use

1、开机，按住电源开关键电源指示灯亮起。关机，按住电源开关键电源指示灯关闭。

Turn on, hold down the power switch button and the power indicator lamp light up. Turn off, hold down the power switch button and the indicator lamp light off.

2、按喷雾键，电控炮喷雾模式开启。

Press the spray currents button, opening of spray currents mode.

3、按直射键，电控炮直射模式开启。

Press the direct currents button, opening of direct currents mode.

4、按仰射键，炮头任意调节仰射角度。

Press the shoot upward button to adjusting the angle of shoot upward.

5、按俯射键，炮头任意调节俯射角度。

Press the shoot down button to adjusting the angle of shoot down.

6、按 360°左转键，电控炮向左无死角旋转，直至需要方向。

Press the 360 degree left turn button, rotate to the left without dead angle until you need direction.

7、按 360°右转键，电控炮向右无死角旋转，直至需要方向。

Press the 360 degree right turn button, rotate right at no dead angle until you need direction.

8、功能键，红外线控制切换（用户备选）。

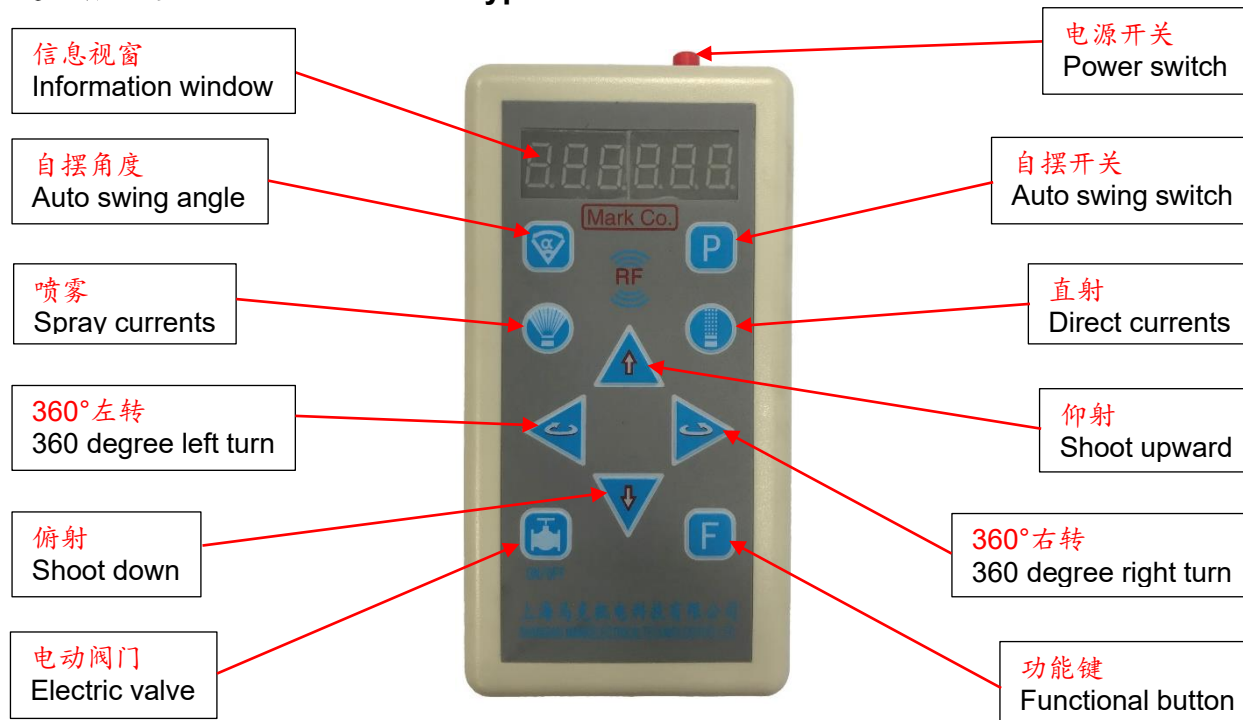
Function button, infrared control switch (user option).

9、电量指示灯，遥控器电量不足时，指示灯处于闪动状态。

Battery indication, when the power of the remote control is insufficient, the indicator light is flashing.



遥控器 B 型 Remote controller type B

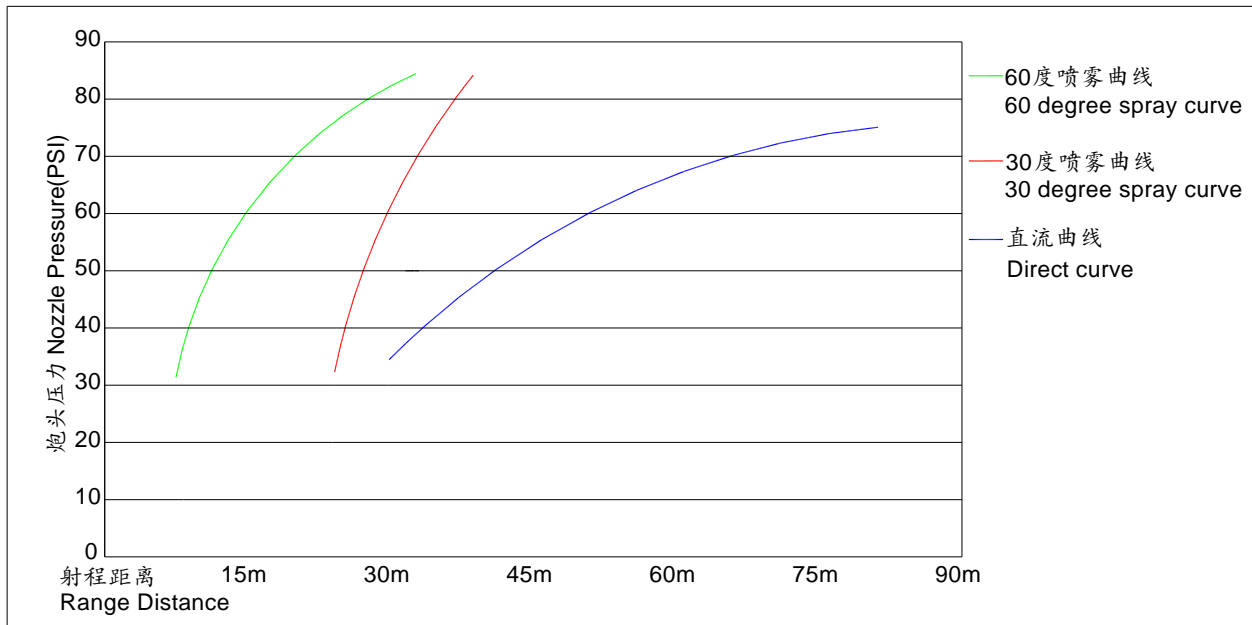


使用介绍 Introduction to use

- 1、开机，按红色电源开关键，信息视窗亮起。
Turn on, press the red power switch button, information window lights up.
- 2、按自摆开关，自摆功能开启。
Press the auto swing switch to turn on the auto swing function.
- 3、自摆角度键，可以选择自摆角度 30°，60°，90°。
Auto swing angle button, the auto swing angle can be selected at 30 degree, 60 degree and 90 degree.
- 4、按喷雾键，电控炮喷雾模式开启。
Press the spray currents button, opening of spray currents mode.
- 5、按直射键，电控炮直射模式开启。
Press the direct currents button, opening of direct currents mode.
- 6、按仰射键，炮头任意调节仰射角度。
Press the shoot upward button to adjusting the angle of shoot upward.
- 7、按俯射键，炮头任意调节俯射角度。
Press the shoot down button to adjusting the angle of shoot down.
- 8、按 360°左转键，电控炮向左无死角旋转，直至需要方向。
Press the 360 degree left turn button, rotate to the left without dead angle until you need direction.
- 9、按 360°右转键，电控炮向右无死角旋转，直至需要方向。
Press the 360 degree right turn button, rotate right at no dead angle until you need direction.
- 10、电动阀门开关，如果配套电动阀门，此功能可以联动。
Electric valve switch, if matched with electric valve, this function can be linked.
- 11、功能键，切换控制电控炮编号。
Function button, switching control fire monitor number.

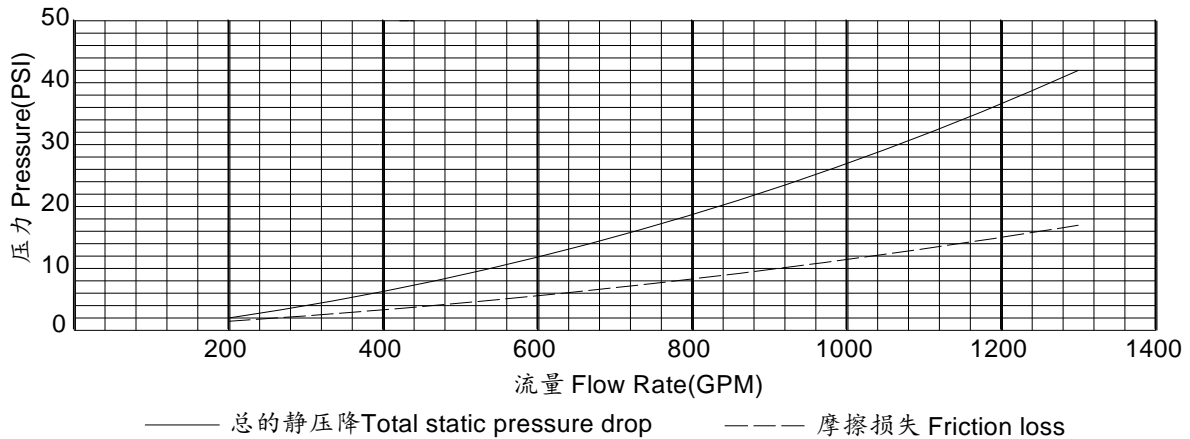


性能曲线图 Performance curve

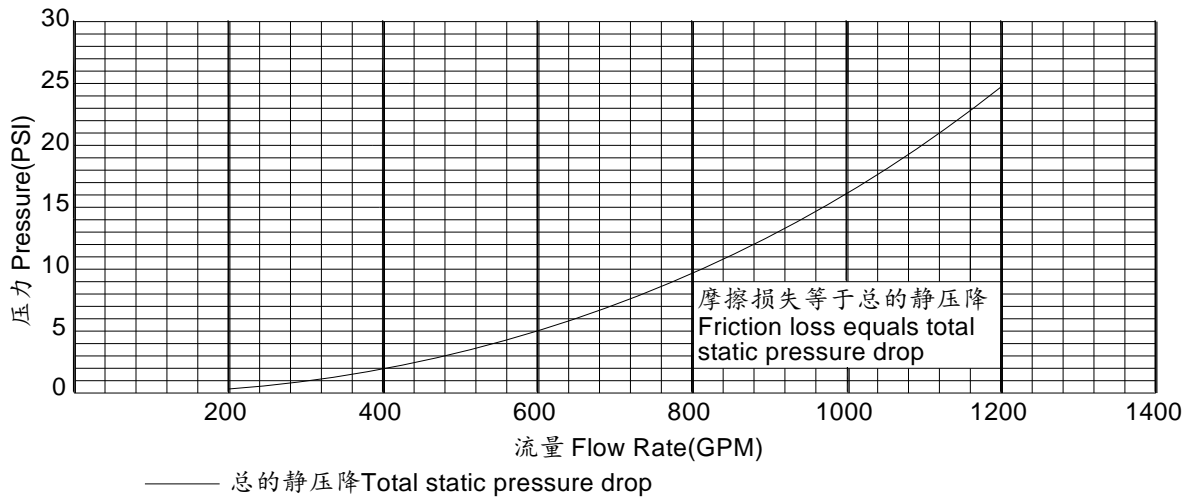


摩擦损失与流量 Friction loss and flow rate

消防炮曲线图 Fire Mointor Curve



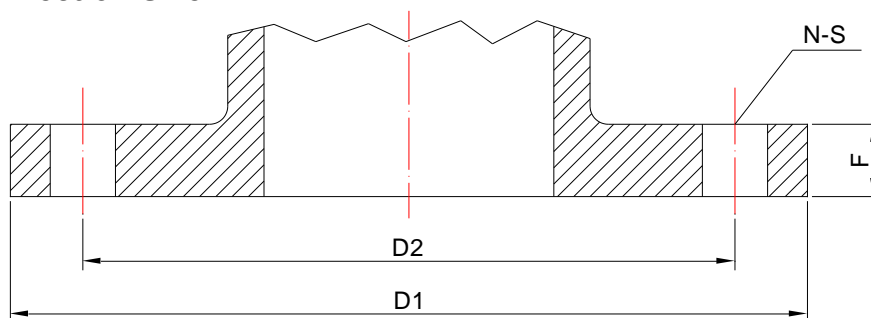
炮头曲线图 Fire Mointor Nozzle Curve



性能参数 Parameters

型号 Type	PSKD					
流量 Flow	30L/S	40L/S	50L/S	60L/S	70L/S	80L/S
工作压力 Working Pressure	0.6MPa~1.4MPa			0.8MPa~1.4MPa		
射程 Range	≥60m	≥65m	≥70m	≥75m	≥80m	≥85m
仰角 Angle Of Elevation	≥+60°					
俯角 Angle Of Depression	≤-15°					
水平回转角 Horizontal Rotary Angle	360°					
最大喷雾角 Angle Of Fogging	≥90°					
输入电源 Input Power	DC24V					
电机功率 Motor Power	60W					
额定电流 Rated Current	8A					
控制器电源 Controller Power	6V					
控制距离 Control Distance	≤200m					
防爆等级 Explosion Proof Level	dIIBT4					
防护等级 Protection Grade	IP65					
法兰尺寸 Flange Size	C、D			D、H		

连接尺寸 Connection Size



法兰尺寸 Flange Size	公称通径 Nominal Diameter	D1	D2	F	N	S
C	DN80	200	160	20	8	18
	3"	7.50	6.00	0.94	8	0.75
D	DN100	220	180	22	8	18
	4"	9.00	7.50	0.94	8	0.75
H	DN150	280	240	24	8	22
	6"	11.0	9.50	1.00	8	0.875

注：其他尺寸可接受定制。

Notes: We also customize other sizes.