ChuanYi Control Valve

Pneumatic actuator series

HA pneumatic direct-acting multi-spring diaphragm actuator



Product Features

>High-quality diaphragm, combining high sensitivity dynamic response and precise control;
>High-strength, compact modular combined structure;
>High-quality springs and wide range configuration enable coverage of multiple air source pressures;
>Low resistance and long-lasting lubrication integrated, achieving a durable and smooth operation system;
> Comprehensive protection and corrosion resistance capabilities to meet the harsh environments of petrochemical and chemical industries;
> Provides flexible options for side-mounted and top-mounted gears.

Technical

Series	HA
Type	Pneumatic direct stroke multi-spring
Model	HA11,HA21,HA31,HA3X,HA41,HA42,HA51,HA61
Outer	Φ160 to Φ605
Output	1000~71000N
Stroke	14.3~120mm
Air supply	300~550kPa
Spring	80~240kPa to 160~480kPa
Air supply	NPT1/4 , NPT3/8 , NPT1/2
Perform	Basic error (with positioner): less than ± 1.5% of full stroke | Hysteresis (with positioner): less than 1.5%
Ambient	Standard type -30 to +70℃
	High temperature type -15 to +120℃
	Low temperature type -40 to +70℃
	Ultra-low temperature -52 to +70℃
Material	Diaphragm cover - Q235B, Q355NF, 304
	Diaphragm - nitrile rubber with nylon fabric NBR, low temperature nitrile rubber with nylon fabric NBR, fluororubber FKM, silicone rubber VMQ
	Push rod - 304, 420, 630
	Support - WCB, LCC
Surface	Powder coating/paint, light gray (RAL7035)
coating	Powder coating/paint, light gray (RAL7035)