

Electric Actuator  
IQL Series

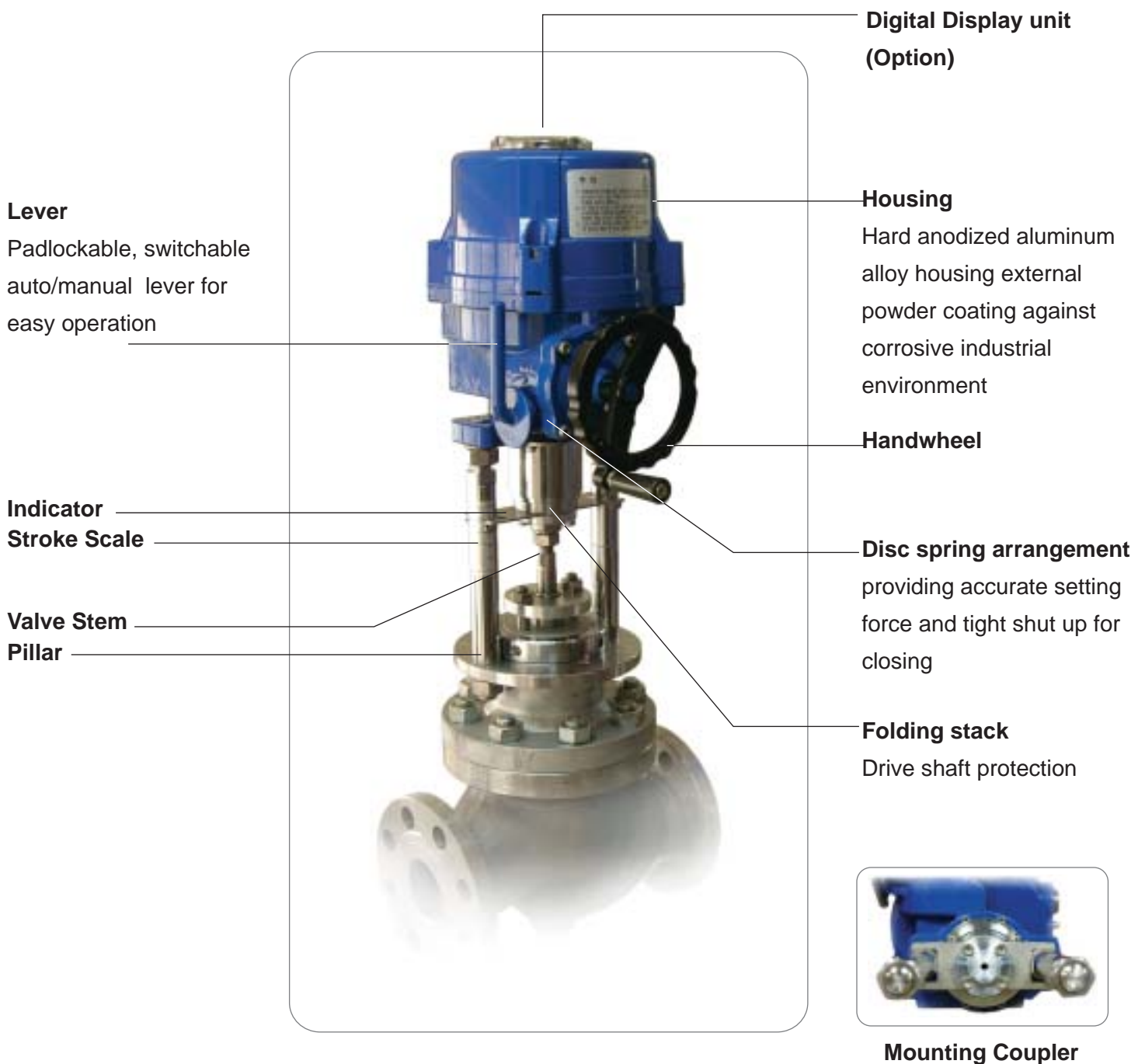


KTL  
IQL

# IQL LINEAR ELECTRIC ACTUATOR

I-tork controls designs, produces and provides high quality electric actuator and services related to industrial valve automation and controls.

IQL series linear actuator has been developed for a wide range of linear applications and to service reliable performance, long trouble free operation, more flexibility and maximized ability to integrate fully into sophisticated control system.



# IQL LINEAR ELECTRIC ACTUATOR

- Robust construction, precise positioning, reliable performance
- Wide range of application
- Compact internal Arrangement
- Modulating control options can be installed on site

- Local control options for easy commissioning and emergency operation in the field



**Terminal**



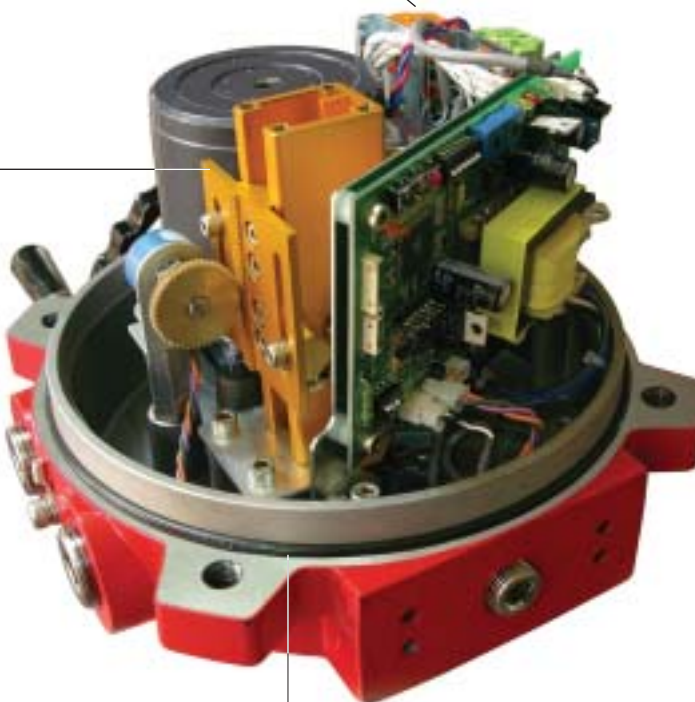
## **Electric Operation**

- On-off

## **Modulating control**

- 4-20 mA / input/output
- 0-10 V or other signal selection
- Transmitter output 4-20 mA

Simple and easier handling  
and adjustment of Limit &  
Signal switches



## **Seals & O-rings**

protection to water proof IP67



**Indicator**

**Coupler**

**Pillar**

# IQL LINEAR ELECTRIC ACTUATOR

## TECHNICAL DATA

Model		IQL 04	IQL 06	IQL 08	IQL 10	IQL 12	IQL 20	IQL 25
Trust force	kN	4	6	8	10	12	20	25
Stroke	mm	40	40	50	50	50	100	100
Manual override		Handwheel with switchable declutchable lever						
Cable entry		2 - 3/4" PF						
Ambient temperature		-20 ~ +70 °C						
Position indicator		Scale on pillar indicated by indicator						
Mounting direction		Any direction except for heading downward						
Housing		Aluminum alloy hard anodized for anti-corrosion						
Positioning speed	mm / sec	Refer to individual technical data sheet						
Power supply		24 V DC, Single phase (110 / 220 V AC), 3phase (380 / 440V AC)						
Current draw		Refer to individual technical data sheet						
Motor protection		Thermal protector (Class F)						
Operating mode	S2	Max. 30 Min					Max. 30 Min	
	S4	50% ED-1200 c/h					50% ED-800 c/h	
Weight	Kgs	7	8	15	16	17	20	22
Valve Stem threads	mm	M20(Max)	M20(Max)	M20(Max)	M20(Max)	M20(Max)	M24(Max)	M24(Max)
PCD on flange	mm	100	100	100	100	100	150	150
Threads (Pillar)		M16	M16	M16	M16	M16	M20	M20
Pillar material		Stainless steel, carbon steel with special surface treatment						
Carrier		Stainless steel, carbon steel with special surface treatment						

## CONTROL OPTIONS

Local control	LP4 (Single phase), LM4 (3phase)
Fail safe	Battery back up
Integral	LD1, LD2
Modulating	RPC
Transmitter (feedback)	CT
Explosion proof	Exd II B T4

 **CONTROLS Co., Ltd.**

Website : <http://www.i-tork.com>

\* The details of this catalog are subject to change without prior notification.