



**VALVE AND FLOW CONTROL SPECIALISTS**  
*SERVICE AND RELIABILITY*

# Electric Linear Actuator IQL Series



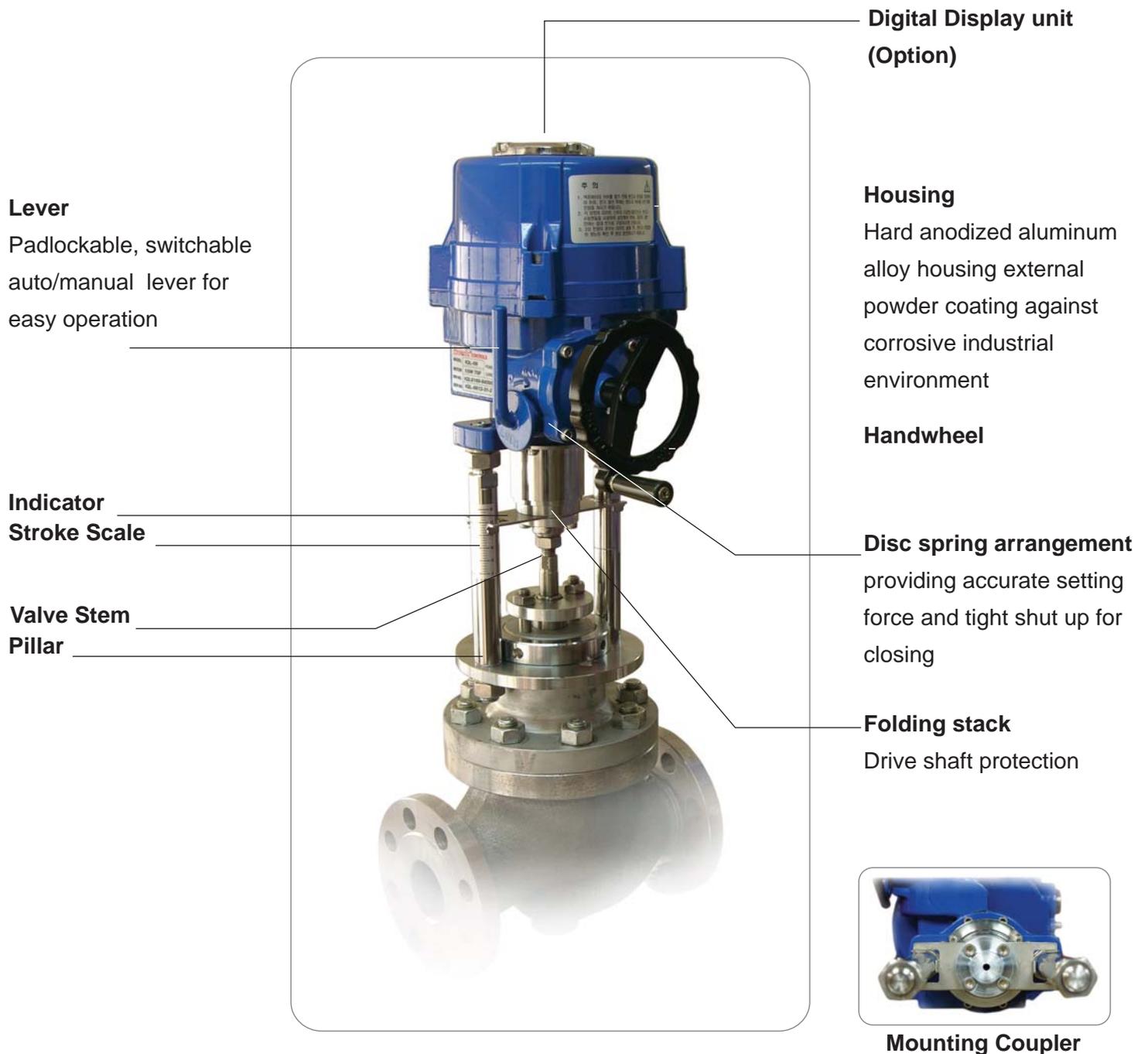
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# IQL LINEAR ELECTRIC ACTUATOR

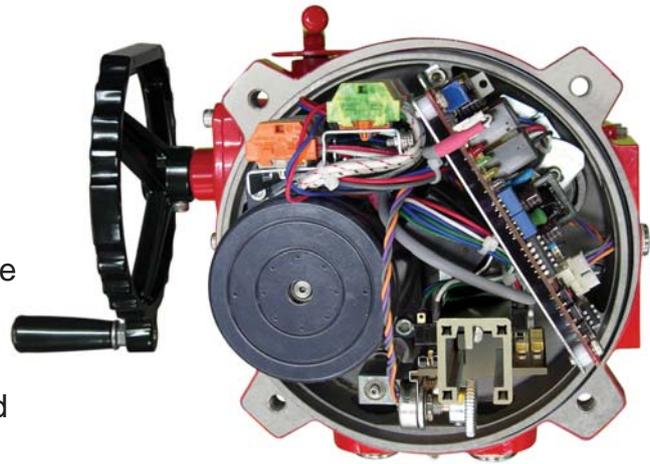
I-tork controls designs, produces and provides high quality electric actuator and services related to industrial valve automation and controls.

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



## Electric Operation / Modulating control

-On-off

- Input : 4-20mA, 0-10VDC, 2~10VDC, 1~5VDC, 0~5VDC
- Output : 4-20mA  
(Option : 0-10VDC, 2~10VDC, 1~5VDC, 0~5VDC)
- Auto-calibration
- 0-10 V or other signal selection
- Transmitter output 4-20 mA

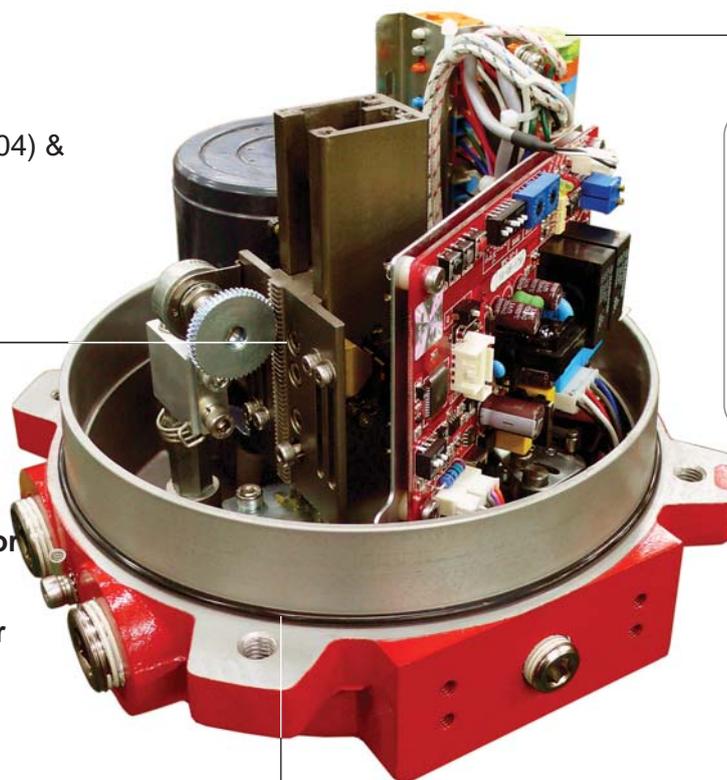
Simple and easier handling  
and adjustment of Limit (from IQL04) &  
Signal switches (from IQL08)



Indicator

Coupler

Pillar



Terminal



Seals & O-rings

protection to water proof IP66

# IQL LINEAR ELECTRIC ACTUATOR

## TECHNICAL DATA

Model		IQL 04	IQL 06	IQL 08	IQL 10	IQL 12	IQL 20	IQL 25
Thrust 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		PF 3/4"						
Ambient temperature		-20 ~ +70 °C						
Position indication		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 VDC, Single phase (110 / 220 VAC), 3phase (380 / 440VAC)						
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	155	155
Pillar Threads		M16	M16	M16	M16	M16	M20	M20
Pillar material		Stainless steel, carbon steel with special surface treatment						

## CONTROL OPTIONS

Local control _____	LP4 (Single phase), LM4 (3phase)
Fail safe _____	Battery back up
Integral _____	ICM1, ICM2
Modulating _____	RPC
Transmitter (feedback) _____	CT
Explosion proof _____	Exd II B T4



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