

## Key Advantages: IST70L Series

### 01 Housing

- Hard anodized aluminum alloy housing external powder coating against corrosive industrial environment.

### 02 Lever

- Padlockable, switchable auto/manual lever for easy operation.

### 03 Disc spring arrangement

- Providing accurate setting force and tight shut up for closing.

### 04 Folding stack

- Drive shaft protection.

### 05 Digital Display unit (Option)

### 06 Handwheel

### 07 Indicator

### 08 Coupler

### 09 Stroke Scale

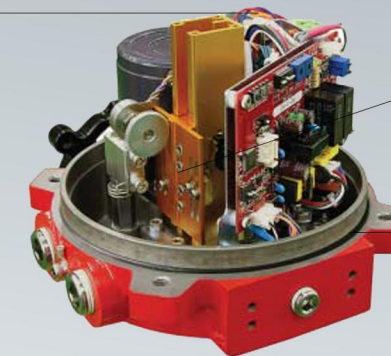
### 10 Valve Stem

### 11 Pillar

### 08 Coupler



### 12 Terminal

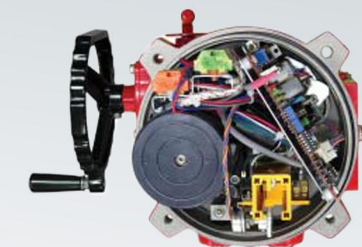


### 13 Limit & Signal Switches

- simple and easier handling and adjustment

### 14 Seals & O-rings

- protection to water proof IP67



### Features

- >> 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

### Technical Information

Model	IST70L20	IST70L30	IST70L40	IST70L50	IST70L60	IST70L100	IST70L125
Thrust force(KN)	4	6	8	10	12	20	25
Stroke	40	40	50	50	50	100	100
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
Pillar Threads	M16	M16	M16	M16	M16	M20	M20
Operating mode	S2: Max 30 Min					S2: Max 30 Min	
	S4: 50% ED-1200 c/h					S4: 50% ED-800 c/h	
Pillar material	Stainless steel, carbon steel with special surface treatment						
Manual override	Handwheel with switchable declutchable lever						
Cable entry	2 - 3/4" PF						
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	Refer to individual technical data sheet						
Power supply	24V DC, 1 phase (110/220V AC), 3 phase (380/440V AC)						
Current draw	Refer to individual technical data sheet						
Motor protection	Thermal protector (Class F)						

### Control Options

- >> Local Control: LP4 (1 phase), LM4 (3 phase)
- >> Fail safe: Battery back up
- >> Integral: ICM1, ICM2
- >> Modulating: RPC
- >> Transmitter (feedback): CT
- >> Explosion proof: Exd II B T4