

SMC/HBC

По вопросам продаж и поддержки обращайтесь:

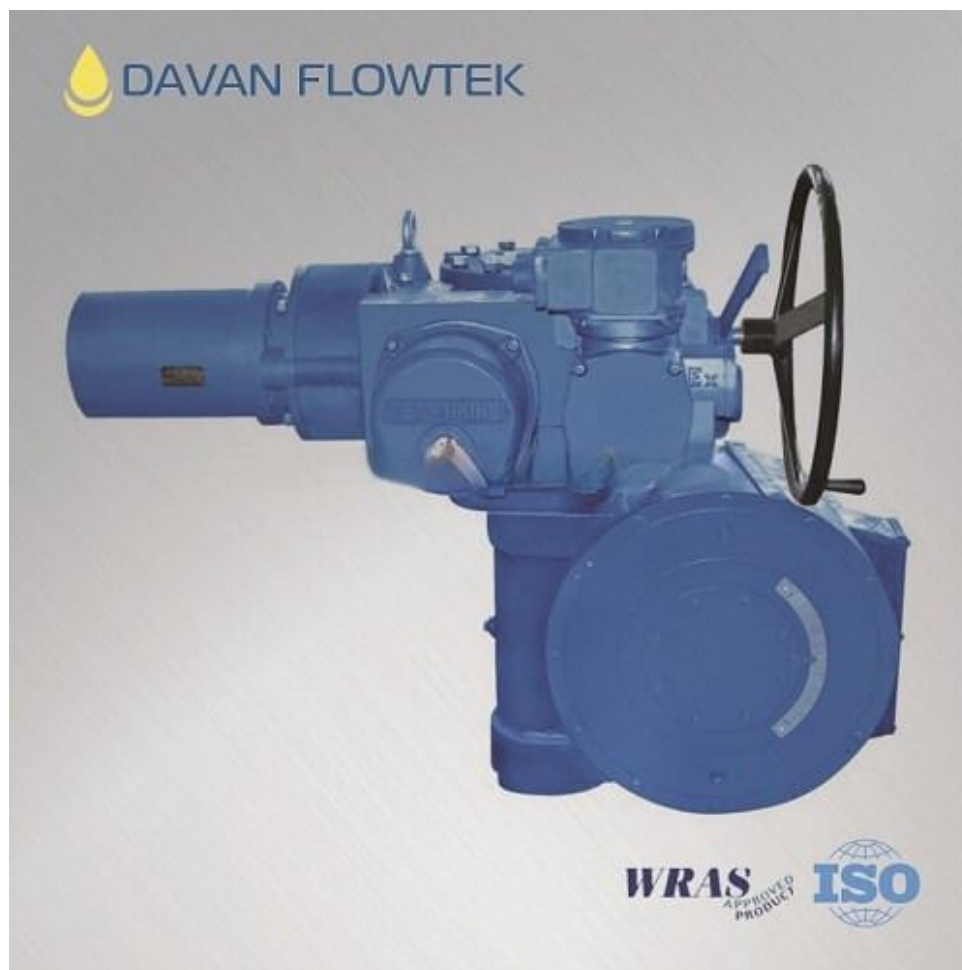
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Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
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Брянск (4832)59-03-52
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
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Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
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Кемерово (3842)65-04-62
Киров (8332)68-02-04
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Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
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Набережные Челны (8552)20-53-41
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Новокузнецк (3843)20-46-81
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Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
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Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
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Череповец (8202)49-02-64
Ярославль (4852)69-52-93

actuator electric IMC and hbc type



actuator electric IMC and hbc type, which can be used for butterfly valve and gate valve.

Details

Technical specification:

Non-intrusive design, infrared setter control without open

Precise measurement of torque, reliable control

Automatic phase sequence rectification, phase-loss protection

Motor over-heated protection

Valve position display when power is off

Double sealed wiring cavity

Enclosure protection grade IP67 or IP68

Explosion-proof grade Exd II CT4 Gb

actuator electric IMC and hbc type

1. Encoder: Stroke control signal acquisition is absolute encoder, with a high measurement resolution. Precise positioning and control of output shaft could be realized through the encoder which also meets the requirement of the control of valve or other mechanism with a super long stroke. Timely-display valve position is also realized when power is off.
2. Infrared setter: locally operated, it can be used to set working parameters of the electric actuator, used check breakdown signal. It is intrinsic safety, which means it can be used in explosive environment.
3. Driving pair: worm with high surface hardness and worm gear with superior copper alloy, the worm properly meshes with the worm gear, with a long operating life, qualified load bearing and high-efficiency and other features, totally complies with valve bearing features.
4. Solenoid switch: Magnetic line is used to power the hall components in the electric actuator so as to implement transformation between local and remote control, valve open and close, and other setting functions.
5. Specialized motor: high start up, torque, low rotary inertia, built-in temperature control units which can the motor from over-heated status.
6. Manual/Electric switch mechanism: reasonable design, reliable performance, semi-automatic, electric override design, full-load output shaft is applicable when using manual/electric switch
7. Torque control: non-intrusive design, high precision of torque control and a high torque repetition, it totally meets the requirement of valve driven by torque and valve driven by stroke.
8. Output shaft: torque thrust type and torque type. The torque thrust type can bear valve stem thrust and stem nut is set in the output shaft, easy and reliable dismantle and mounting.
9. LCD display: it applies high definition, high light and high contrast LCD display. It presents English interface, valve position and other related information. It can receive infrared setter orders, easy operation, convenient debugging and reliable operating
10. Control panel: super integrated circuit board centering on micro processing, powerful function
11. Double sealed wiring cavity: a reliable sealing structure design, double sealing structure makes sure the sealing performance when the case is open outdoors. Unique design of terminal board, with numerous terminals and convenient wiring.

SMC/HBC系列阀门电动装置技术参数

Technical Data of SMC/HBC Series Actuators

单位Unit: mm

| 项目 Item 型号 Type | 输出转矩 Output Torque (N·m) | 输出转速 Output Speed (r/min) | 电机功率 Motor (kw) | 额定电流 Rated Current (A) | 堵转电流 Stall Current (A) | 90° 回转时间 Time for 90° turn (S) | 允许阀杆直径 Valve Stem Diameter Allowed (mm) | 参考重量 Weight (Kg) | |
|--------------------------|--------------------------------|---------------------------------|-----------------------|------------------------------|------------------------------|--------------------------------------|--|------------------------|------|
| SMC-04/H1BC | 1200 | 0.5 | 0.2 | 1.8 | 5 | 30 | 47 | 90 | |
| SMC-03/H1BC | 2000 | | 0.3 | 2 | 8 | 33 | 47 | 120 | |
| SMC-03/H2BC | 3000 | | 0.4 | 2.6 | 10 | 33 | 70 | 140 | |
| SMC-00/H3BC | 7800 | | 1.1 | 5.2 | 26.5 | 30 | 95 | 220 | |
| SMC-0/H4BC | 10000 | | 1.5 | 6.6 | 34 | 30 | 105 | 320 | |
| | 17500 | | 2.2 | 8.7 | 50 | 30 | 105 | | |
| SMC-1/H5BC | 27000 | | 3 | 10.6 | 64.5 | 33 | 165 | 520 | |
| SMC-2/H6BC | 50000 | | 4 | 12.6 | 94 | 62 | 170 | 780 | |
| SMC-3/H6BC | 63500 | | 0.3 | 5.5 | 13.5 | 108 | 55 | 170 | 1100 |

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