

The Red Valve Series 5200E Electrically Actuated Pinch Valve

- Precise and accurate control
- Sleeve is the only component in contact with the media so breakaway torques remain constant
- Bi-directional, drop-tight shutoff

The Series 5200E Electrically Actuated Control Valve is a reliable, maintenance-free, cost-effective valve, designed for tough slurry and abrasive applications. There are no seats to grind, no stuffing boxes to repack and no packing glands to adjust. The rugged, self-cleaning, elastomer sleeve isolates all mechanical parts of the valve, so the breakaway torque remains constant.

Series 5200E Electrically Actuated Control Valves are actuated by AUMA, Limatorque or Rotork electric operators as a standard. Other electric motor operators are available upon request. Declutch and override components are furnished as standard. Controls can be furnished as an integral part of the electric operator or as a separate unit for a remote station. Standard features: heaters, thermostats and position indicators. Optional features: NEMA 7 explosion-proof construction, indication lights and proportioning control from a 4-20 mA instrument signal.



Materials of Construction

Body: ductile iron

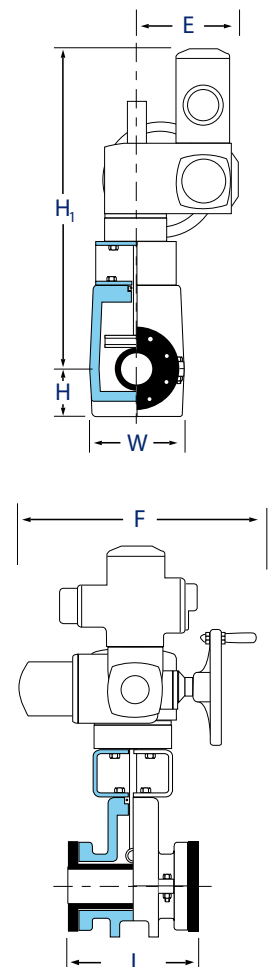
Sleeves: Pure Gum Rubber, Neoprene, Hypalon, Chlorobutyl, Buna-N, EPDM and Viton.

Dimensions Series 5200E Control Valve (For sizes up to DN1800 please consult us.)

DN	L [mm]	W [mm]	H [mm]	H ₁ [mm]	E** [mm]	F** [mm]	P _{max} [bar]	M [kg]
25	184	153	62	714	237	495	10	40
40	222	203	70	718	237	495	10	60
50	254	203	89	721	237	518	10	74
65	276	229	102	752	248	536	10	94
80	299	292	108	783	248	536	10	109
100	353	343	168	867	286	705	10	162
150	450	429	194	892	286	711	10	200
200	543	505	232	962	308	860	8	306
250	673	597	280	1011	308	860	6	368
300	767	699	300	1032	308	860	6	453
350	712	788	356	1088	308	860	5	676
400	813	864	381	1113	308	860	3	858
450	915	1118	419	1175	367	926	3	1193
500	1016	1016	432	1189	367	926	3	1443
600	1220	1448	521	1886	402	1041	3	1744
750	1525	1981	521	1448	486	1295	3	3144

* Sizes over 4" are D-Port design.

** Dimensions are based on AUMA and are for reference only.



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Standard Actuators*:

AUMA
Limatorque
Rotork

Features of AUMA Modulating Actuators:

Bronze Operating Nut,
NEMA 4 Enclosure,
Class F Insulation,
2 Gear Train Limit Switches,
2 Torque Switches,
Manual Handwheel Override,
AUMA Matic C,
Reversing Starters,
Transformer,
3 Push-Button Control Switches (O/S/C),
Selector Switch (L/O/R),
AUMATROL 601 Positioner,
4-20 mA DC Input,
Mechanical Dial Position Indicator (MDPI),

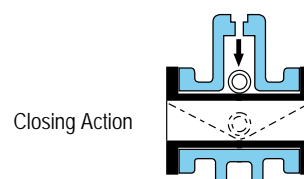
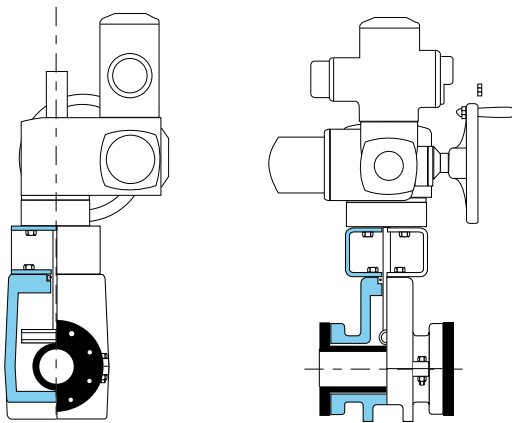
optional:

Precision Potentiometer,
Electronic Position Transmitter - type RWG,
Inductive Position Transmitter - type IWG (LVDT).



Features of AUMA ON/OFF Actuators:

Bronze Operating Nut,
NEMA 4 Enclosure,
Class F Insulation,
2 Gear Train Limit Switches,
2 Torque Switches,
Manual Handwheel Override,
Basic Compact,
Reversing Starters,
Transformer,
3 Push-Button Control Switches (O/S/C),
Selector Switch (L/O/R),
Mechanical Dial Position Indicator (MDPI).



*other actuators are available.