



DENTAL & MEDICAL HYDRAULIC MOTION CONTROL PRODUCTS



FEATURING

- Complete Engineered Circuit Block Assemblies
- Quiet And Dependable Pump Motor Assemblies
- Zero Leak Valves With Optional Soft Shift Start & Stop Feature
- Short Lead Times And Economical Shipment Quantities
- ISO 2001:2008 Registered
- UL and CUL Recognized Electrical Components



Proudly Made in USA

LIFT/LOWER VALVE MANIFOLD

For Dental Chairs

Deltrol Fluid Products is a World Class Manufacturer of hydraulic motion control solutions for the Dental, Medical, and Industrial markets and is an ISO-9001:2008 registered company. We specialize in dental and medical applications and understand your needs for quiet, zero leaks, low cost, and dependable performance.

Deltrol's lift/lower valve manifolds for dental chairs provide the optimum motion profile to satisfy even the most discriminating patient. An optional soft shift start and stop function on both the seat and back movement will assure a smooth transition between chair positions. All valve blocks also include standard adjustable speed control to help further meet all of the patient comfort concerns of your customers.

FEATURES AND BENEFITS

- Soft shift start and stop available
- Adjustable speed control
- Zero leak, soft seat design
- Integral filtration
- Integral relief valve
- Optional coil voltages and terminations
- Compact size
- Dual mounting configurations
- Fittings in work ports are standard
- Available in 1, 2, 4 and 8 station manifolds

Specifications

| | |
|-----------------------|----------------------|
| Voltage | DC 12, DC 24, AC 120 |
| Wattage | 16 |
| Max. Inlet Pressure | 1000 PSI |
| Max. Internal Leakage | 0-Drop/Min. |
| Fluid | Mineral Based |

HOW TO ORDER

DDM - * - **SS** - * - * * *

Dental Manifold

VALVE STATIONS
1 - One
2 - Two
3 - Four
4 - Eight

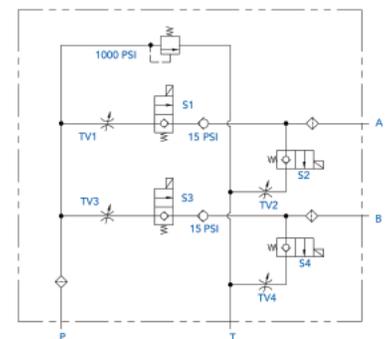
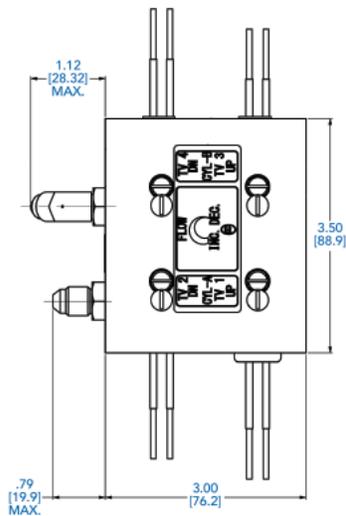
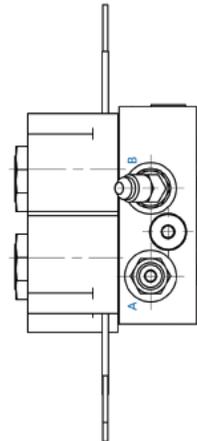
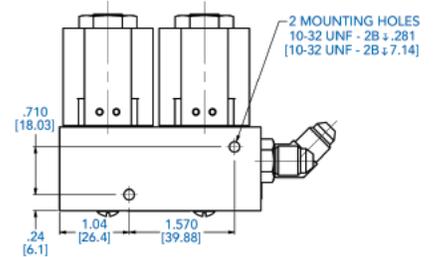
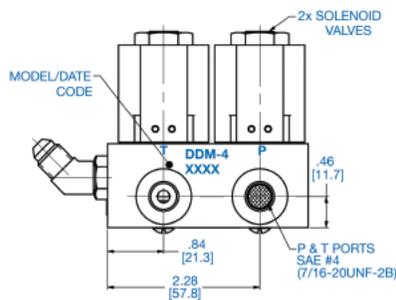
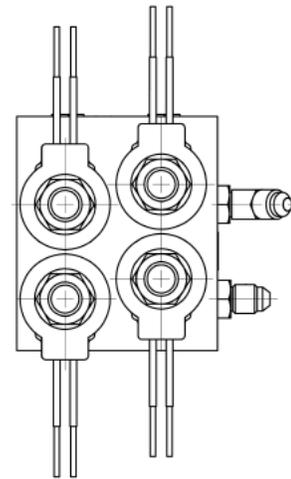
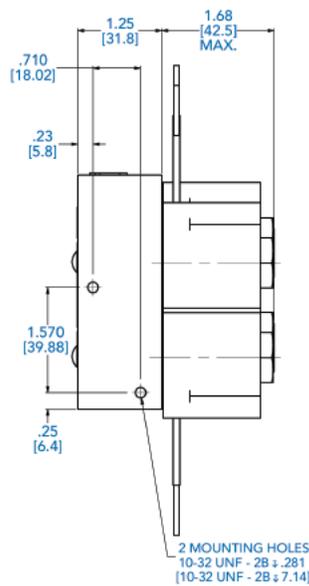
SS - Soft Shift
Omit for Standard

WORK PORT FITTINGS
S - Straight
A - Angle

COIL TERMINATION
D - Dual Lead
B - Dual Spade
H - Hirschmann

VOLTAGE
1 - 12 Volt
2 - 24 Volt
5 - 120 Volt

CURRENT
D - DC
A - AC



PUMP MOTOR ASSEMBLY

Low Noise, Dependable Performance

Proven product for the Dental, Medical and Industrial markets and backed by an integrated sales, engineering and manufacturing support team. Our advanced pump motor assembly design provides the key market performance criteria for Dental and Medical markets where low noise and dependable performance are essential.

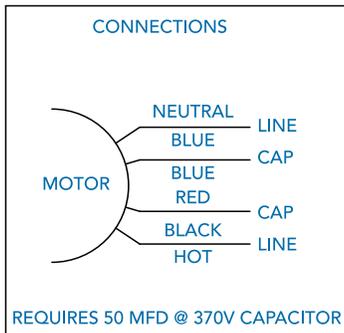
FEATURES AND BENEFITS

- Compact design
- Vibration free mounting system for quiet operation
- UL Recognized motor under E22922
- Long life dependable design for service free operation
- Bi-rotational pump motor circuits available
- Optional voltages and motor terminations
- Alternate flow rates and pressure ratings available

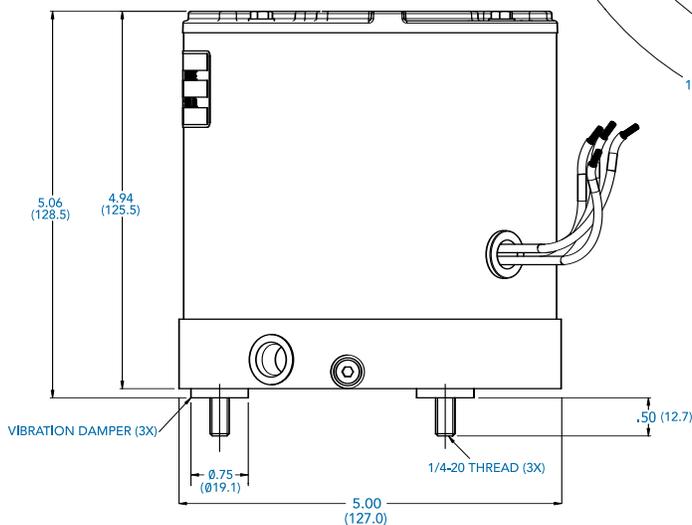
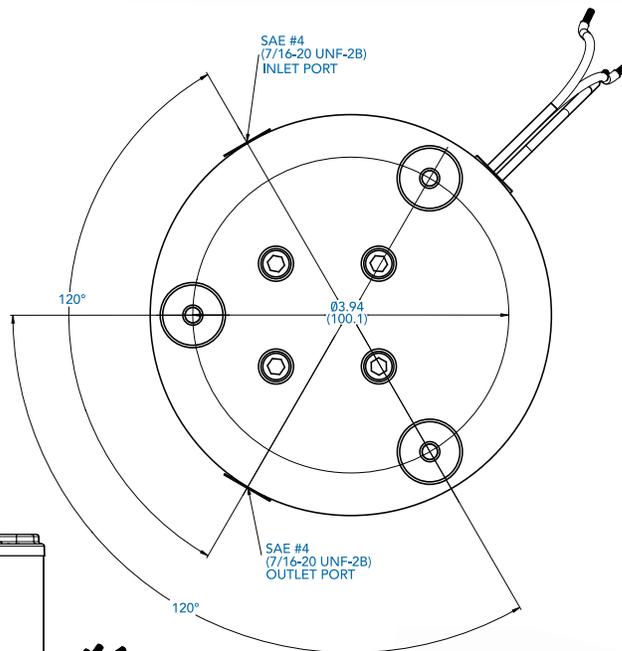
SPECIFICATIONS

Standard Duty 115 VAC 60hz – Pump Motor Performance

Graph & dimensions below depict Pump Motor Assembly model code PM-103-A5-4T



Consult factory for available terminations



Please visit us at

www.deltrofluid.com

for information on these other
Deltrol product lines:

- High Performance Hydraulic Cartridge Valves
- Hydraulic Integrated Circuit Manifolds
- In-Line Flow Control, Needle, Check and Accessory Valves
- Custom Solutions for Your Fluid Power and Fluid Control Demands

Or **Contact Us** and **Request a Free Catalog.**



DELTROL FLUID PRODUCTS

A Division of Deltrol Corp.

3001 Grant Avenue
Bellwood, IL 60104
(708) 547-0500

www.deltrofluid.com