

Durco PolyChem™ Process Pumps

A Global Approach to Pump Design



Non-Metallic Pumps

- Sealed
- Sealless

ANSI / ISO / JIS



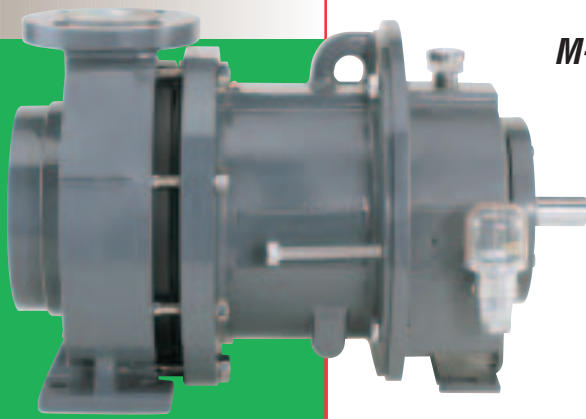
Bulletin P-30-500a (E)

Durco PolyChem Process Pumps

Pumps delivered worldwide are manufactured in Flowserve facilities, certified either to ISO 9001 or to 9002.



Quality System Certificate



**M-Series
Pump**

Non-Metallic Pumps Designed To Global Standards

When considering non-metallic pumps, rely upon Flowserve as a pump consultant. Flowserve offers a line of non-metallic pumps in sealed or sealless models engineered to ANSI and ISO design criteria and to JIS drilling specifications. Flowserve can provide the best pump that most economically meets the application.

Heavy-duty PFA lined sealless pumps provide leak-free reliability and durability in the most demanding services.

- Sealless Magnetically Driven
- PFA Lined
- Long / Close Coupled
- ANSI / ISO / JIS

*Close Coupled/4-5
Long Coupled/6-7
Components/8-9
Performance
Curves/10-11
PumpSel™ Durco
Pump Selection Guide/10*



**S-Series
Pump**

Heavy-duty PFA lined pumps with popular and innovative mechanical sealing options to handle the most corrosive processes.

- Mechanically Sealed
- PFA Lined
- Long Coupled
- ANSI / ISO / JIS

*S-Series/12-13
Sealing Options/14
SealSentry/15
Performance Curves/16-17
PumpSel™ Durco
Pump Selection Guide/16*



**F-Series
Pump**

Solid Fiber Reinforced Plastic (FRP) mechanically sealed pump is specially formulated to provide toughness in addition to superior corrosion resistance.

- Mechanically Sealed
- Solid Fiber Reinforced Plastic (FRP)
- Long Coupled
- ANSI

*F-Series/18-19
Composite Performance
Curves/19*

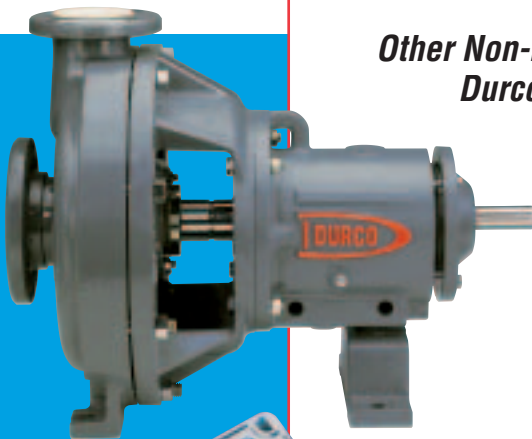


L-Series Pump

Solid Fiber Reinforced Plastic (FRP) or PFA lined pumps feature unique mechanical sealing systems.

- Unique Mechanical Seal
- Fiber Reinforced Plastic / PFA Lined
- Long Coupled
- ANSI

*L-Series/20-21
L-Series Seals/22
Performance Curves/23*



Other Non-Metallic Durco Pumps

Non-metallic chemical process pumps for specific application needs.

*T-Line &
Durcon E-Series/24*



KW941 Pump Power Monitor™

Pump protection for all steady load pumps, sealed and sealless.

Pump Power Monitor/25



BaseLine™

Featuring the Polybase™ solid polymer concrete baseplate to complete the non-metallic pump package.

*Family of Pre-Engineered Baseplates/26
Solid Polymer Concrete Polybase™/27*

**Durco PolyChem
M-Series Pumps**

Close coupled magnetically driven chemical process pumps

Durco PolyChem M-Series sealless pumps are rugged, heavy-duty pumps designed specifically for leak-free, reliable performance in demanding process applications.

Meets the following dimensional standards:

- ASME B73.1
- ISO 2858
- JIS drilling

Close Coupled Design

Minimizes space requirements with no need for shaft alignment

Non-Sparking Rub Pads

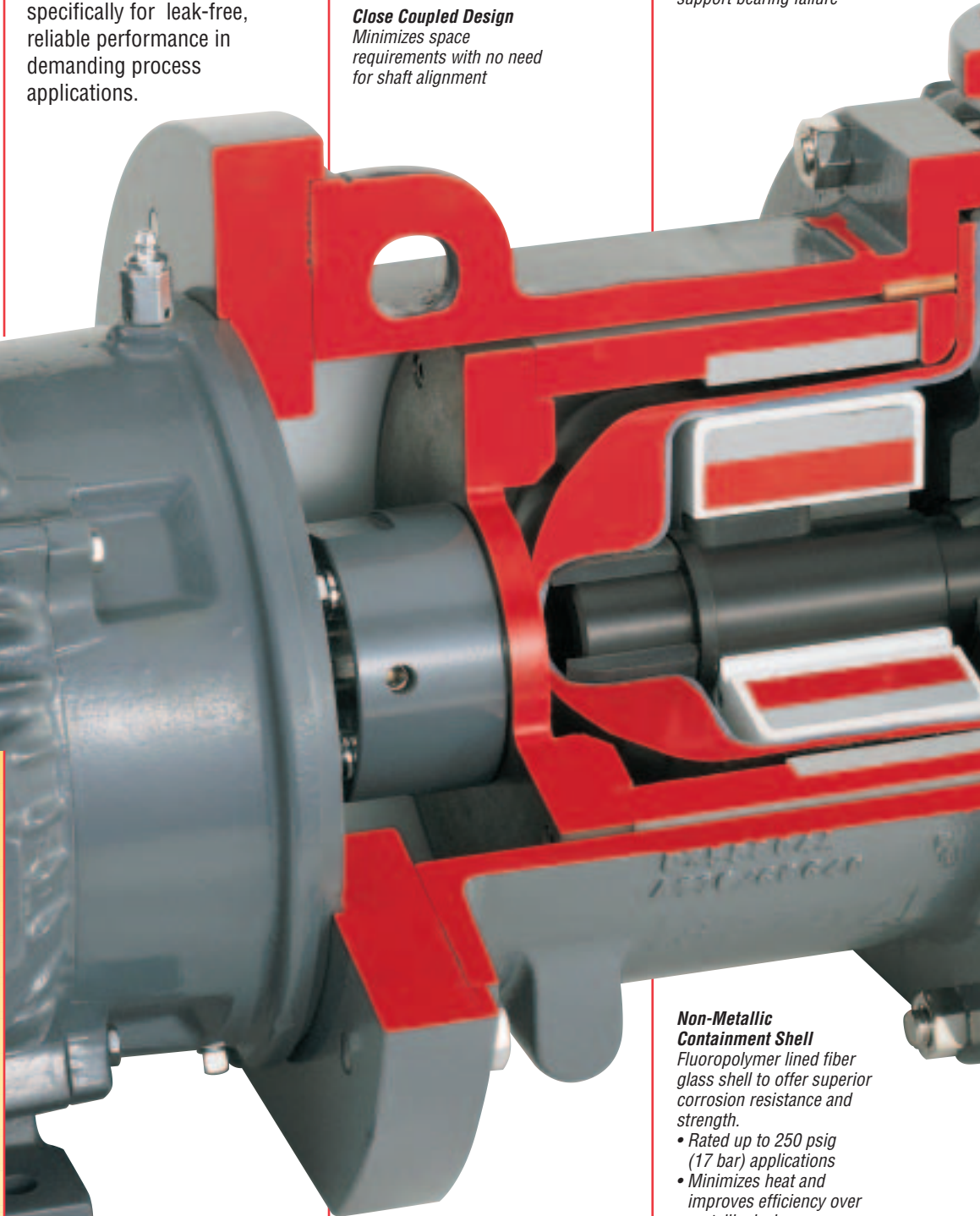
Prevent contact of critical components in the unlikely event of outer magnet support bearing failure

Worldwide Application

PolyChem is the result of extensive market research with Flowserve customers around the world. Pump users stated the PolyChem pump must provide reliability and value while standardizing on a common global design.

Furthermore, customers wanted a choice of sealed or sealless designs and lined or solid non-metallic construction.

With the introduction of PolyChem, these requests have been fulfilled.



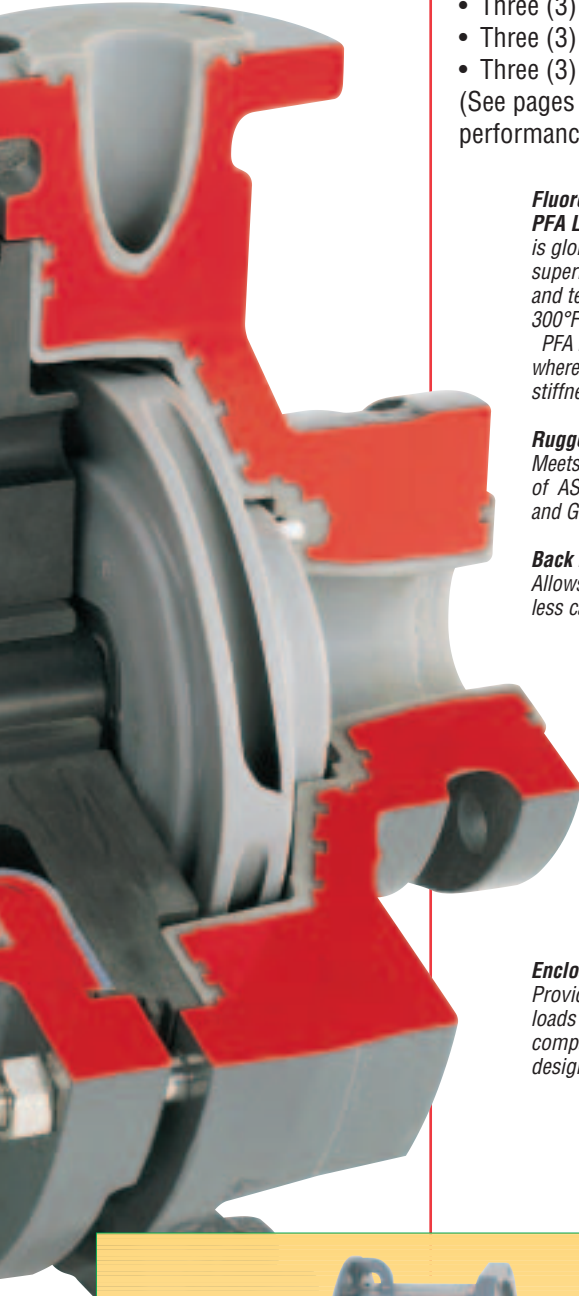
Non-Metallic Containment Shell

Fluoropolymer lined fiber glass shell to offer superior corrosion resistance and strength.

- Rated up to 250 psig (17 bar) applications
- Minimizes heat and improves efficiency over metallic designs

Jackbolts

Offer added safety and facilitate maintenance for plant personnel



PolyChem M-Series closed coupled pumps cover a broad hydraulic range.

Thirteen Sizes

- Four (4) Group I (ANSI)
 - Three (3) Group A (ISO)
 - Three (3) Group II (ANSI)
 - Three (3) Group B (ISO)
- (See pages 10-11 for performance data.)

Fluoropolymer PFA Lined Wet End
 is globally preferred for its superior corrosion resistance and temperature allowance to 300°F (149°C).

PFA is carbon reinforced where required for superior stiffness and strength

Rugged Metal Armor
 Meets material specifications of ASTM A395 (ANSI models) and GGG40.3 (ISO models)

Back Pullout Design
 Allows for pump removal less casing

Enclosed Impeller
 Provides balanced hydraulic loads and superior efficiency compared to open impeller designs

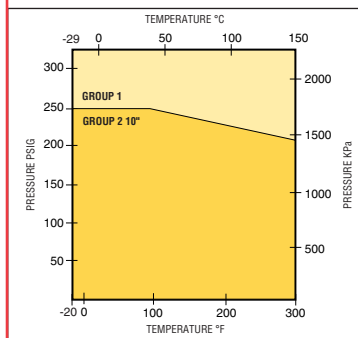
Capacities

- 60 Hz
 To 750 gpm (170 m³/h)
- 50 Hz
 To 625 gpm (140 m³/h)

Heads

- 60 Hz
 To 450 ft (135 m)
- 50 Hz
 To 310 ft (95 m)

Pressure/Temperature Limits



Rugged Silicon Carbide Bearings

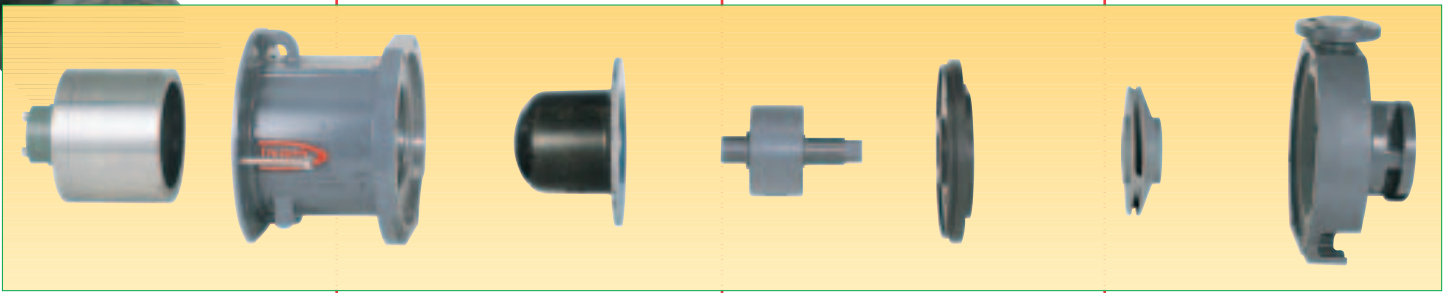
Standard silicon carbide bearings offer the ultimate material for wear resistance and chemical inertness

Separate Inner Magnet and Impeller Components

Significantly reduces impeller replacement cost compared with integral inner magnet/impeller assembly of competitive designs

Rotating Shaft Design

eliminates the need for shaft support obstructions in the casing inlet common with stationary shaft designs, which can affect performance and NPSHR



**Durco PolyChem
M-Series Pumps**

Long coupled magnetically driven chemical service pumps Durco PolyChem M-Series sealless pumps are rugged, heavy-duty pumps designed specifically for leak-free, reliable performance in demanding process applications.

Meet the following dimensional standards:

- ASME B73.1
- ISO 2858
- JIS drilling

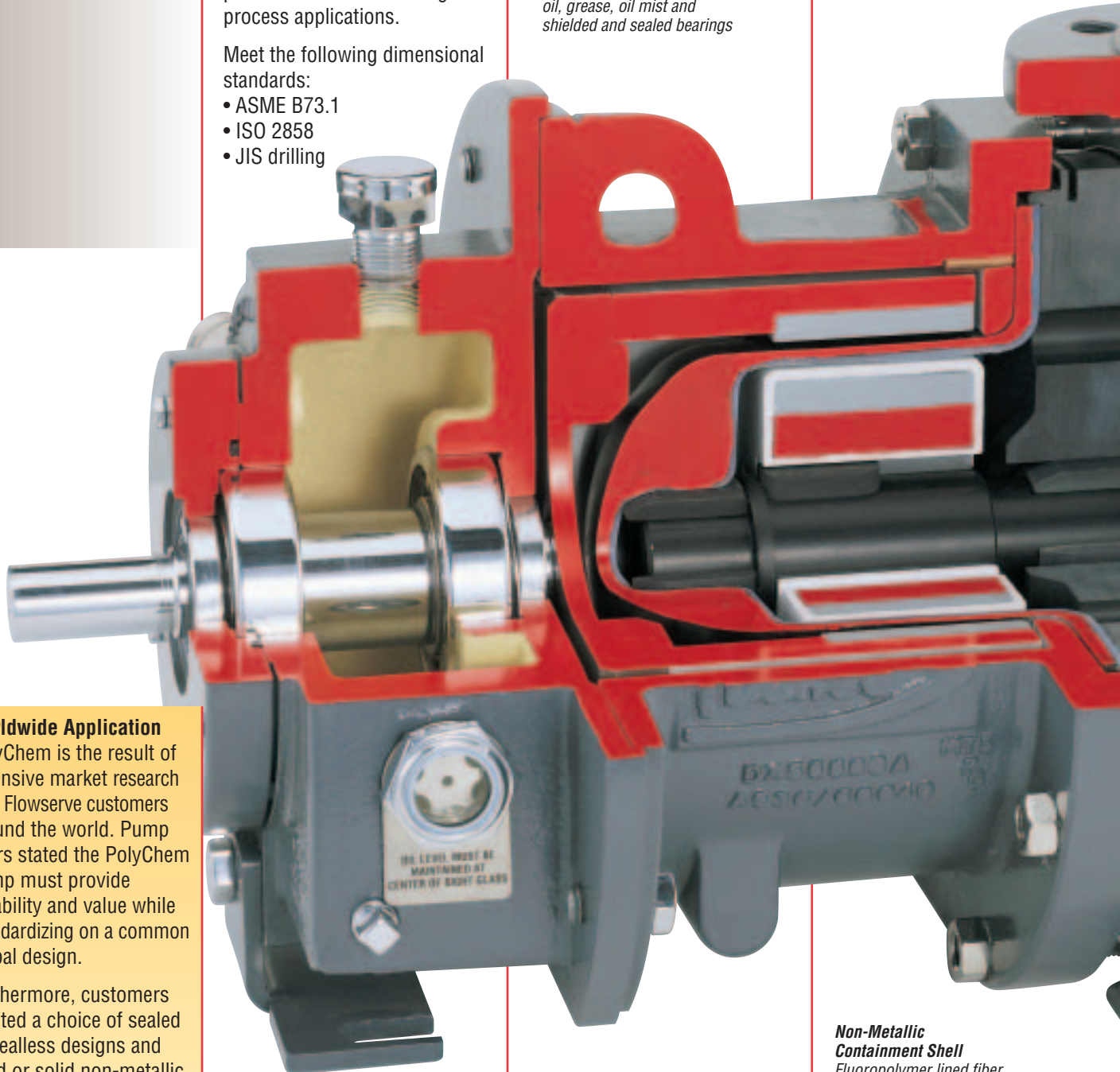
Long Coupled Design

Utilizes the proven design of Durco's Guardian® and Chemstar® MD alloy magnetic drive pumps which offer traditional bearing housing configuration with flexible coupling

- Labyrinth seals are optional
- Lubrication options include oil, grease, oil mist and shielded and sealed bearings

Non-Sparking Rub Pads

Prevent contact of critical components in the unlikely event of outer magnet support bearing failure



Worldwide Application

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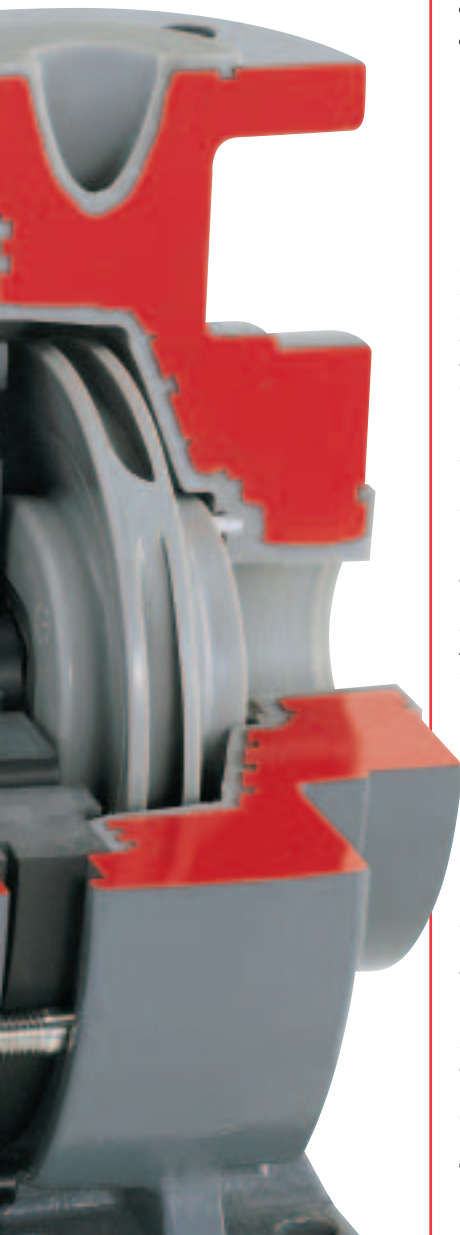
Furthermore, customers wanted a choice of sealed or sealless designs and lined or solid non-metallic construction.

With the introduction of PolyChem, these requests have been fulfilled.

**Non-Metallic
Containment Shell**

Fluoropolymer lined fiber glass shell to offer superior corrosion resistance and strength.

- Rated up to 250 psig (17 bar) applications
- Minimizes heat and improves efficiency over metallic designs



PolyChem M-Series long coupled pumps cover a broad hydraulic range.

Thirteen Sizes

- Four (4) Group I (ANSI)
 - Three (3) Group A (ISO)
 - Three (3) Group II (ANSI)
 - Three (3) Group B/C (ISO)
- (See pages 10-11 for performance data.)

Fluoropolymer

PFA Lined Wet End
 is globally preferred for its superior corrosion resistance and temperature allowance to 300°F (149°C).

PFA is carbon reinforced where required for superior stiffness and strength

Rugged Metal Armor

Meets material specifications of ASTM A395 (ANSI models) and GGG40.3 (ISO models)

Back Pullout Design

Allows for pump removal less casing

Enclosed Impeller

Provides balanced hydraulic loads and superior efficiency compared to open impeller designs

Power Frame Pullout

allows for safe power end maintenance without breaking sealed containment

Jackbolts

Offer added safety and facilitate maintenance for plant personnel

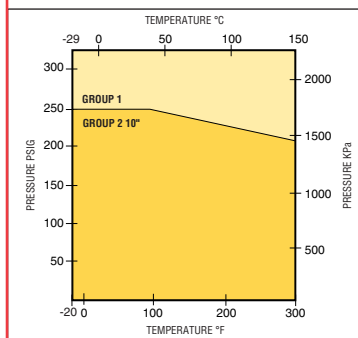
Capacities

- 60 Hz
 To 750 gpm (170 m³/h)
- 50 Hz
 To 625 gpm (140 m³/h)

Heads

- 60 Hz
 To 450 ft (135 m)
- 50 Hz
 To 310 ft (95 m)

Pressure/Temperature Limits



Rugged Silicon Carbide Bearings

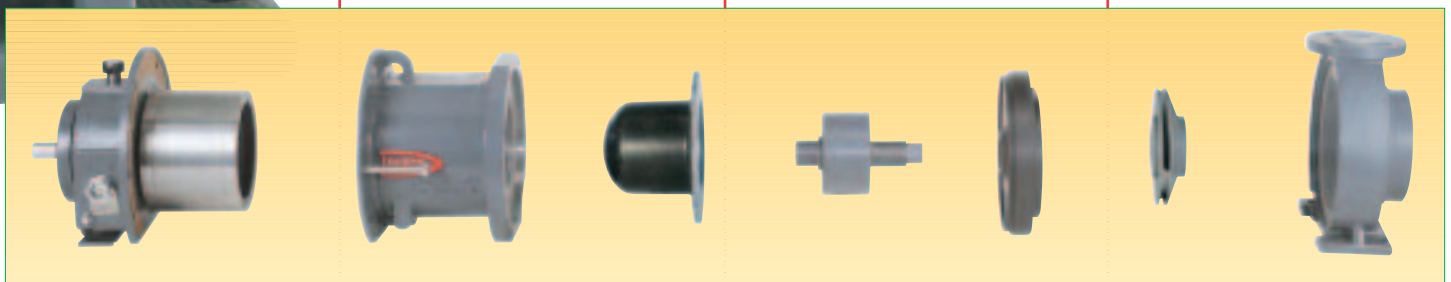
Standard silicon carbide bearings offer the ultimate material for wear resistance and chemical inertness

Separate Inner Magnet and Impeller Components

Significantly reduces impeller replacement cost compared with integral inner magnet/ impeller assembly of competitive designs

Rotating Shaft Design

eliminates the need for shaft support obstructions in the casing inlet common with stationary shaft designs, which can affect performance and NPSHR



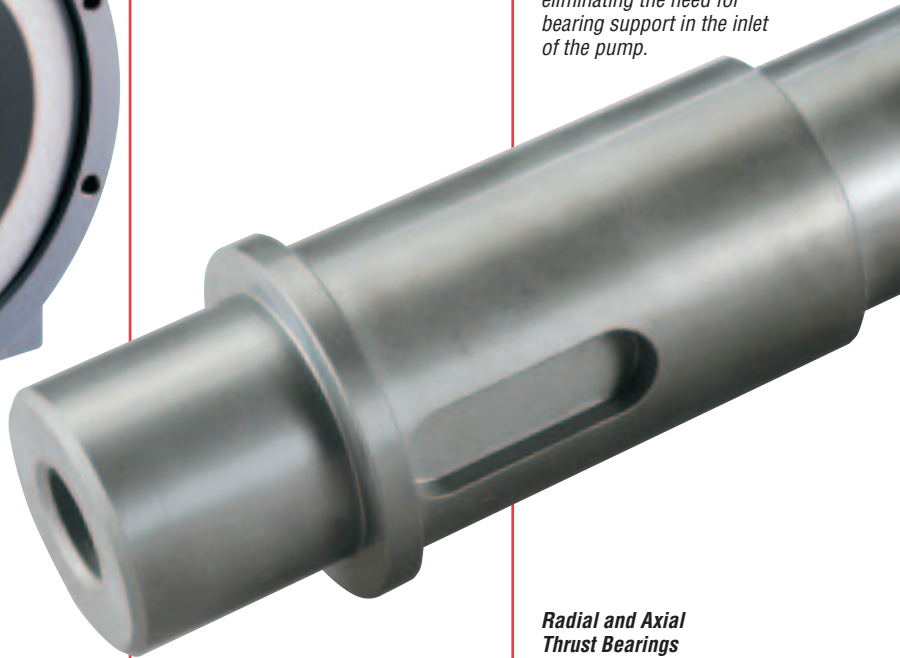
**Durco PolyChem
M-Series Pumps**

M-Series pump components are designed for superior pump performance.

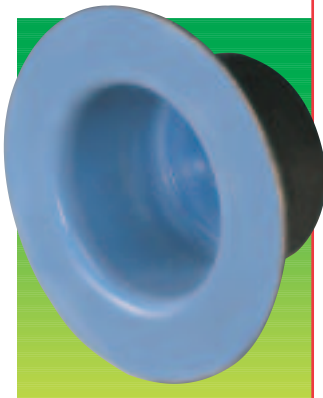


PFA Lined Casing
Ductile cast iron armor with a minimum liner thickness of 1/8 in (3 mm) PFA, the PolyChem pump offers superior corrosion resistance to 300°F (149°C). Durco's proprietary molding processes assure liner integrity.

Large Silicon Carbide Rotating Shaft
Offers ruggedness simply not found in other non-metallic pumps. PolyChem's rotating shaft is supported by silicon carbide bearings located securely in a reinforced fluoropolymer bearing holder, thereby eliminating the need for bearing support in the inlet of the pump.



Radial and Axial Thrust Bearings
Standard silicon carbide bearings offer the ultimate material for wear resistance and chemical inertness.

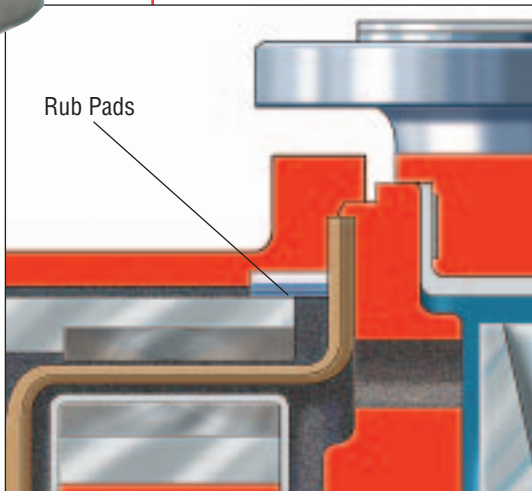
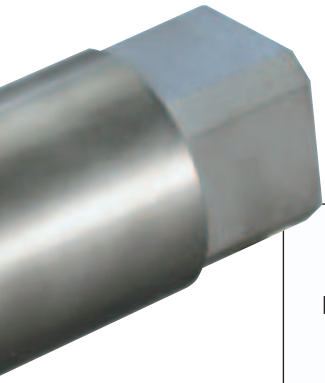


Non-metallic Containment Shell with Rugged Fluoropolymer Lining

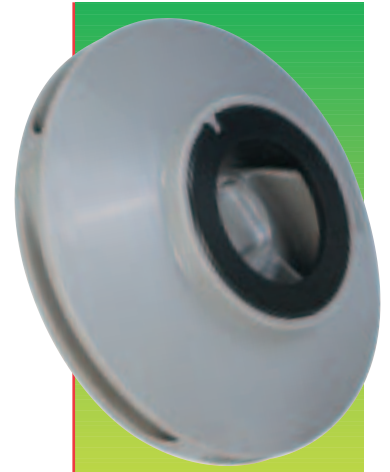
- Offers superior corrosion resistance and is fully rated up to 250 psig (17 bar) applications.
- Non-metallic construction offers excellent magnet efficiencies and eliminates any magnetic losses or heat generation found with metallic shells.



Ruggedly Designed with the Customer in Mind
 The Durco PolyChem M-Series Pump was designed to offer customers the optimum in pump reliability and value, while maintaining a simple design for safety and ease of maintenance.



Non-Sparking Rub Pads
 Prevent contact of critical components in the unlikely event of outer magnet support bearing failure



Enclosed PFA Impeller
 Bearing life is extended due to the enclosed impeller's balanced loads. Unlike integral impeller/inner magnet designs, Durco's separate impeller offers economic savings if replacement is necessary.



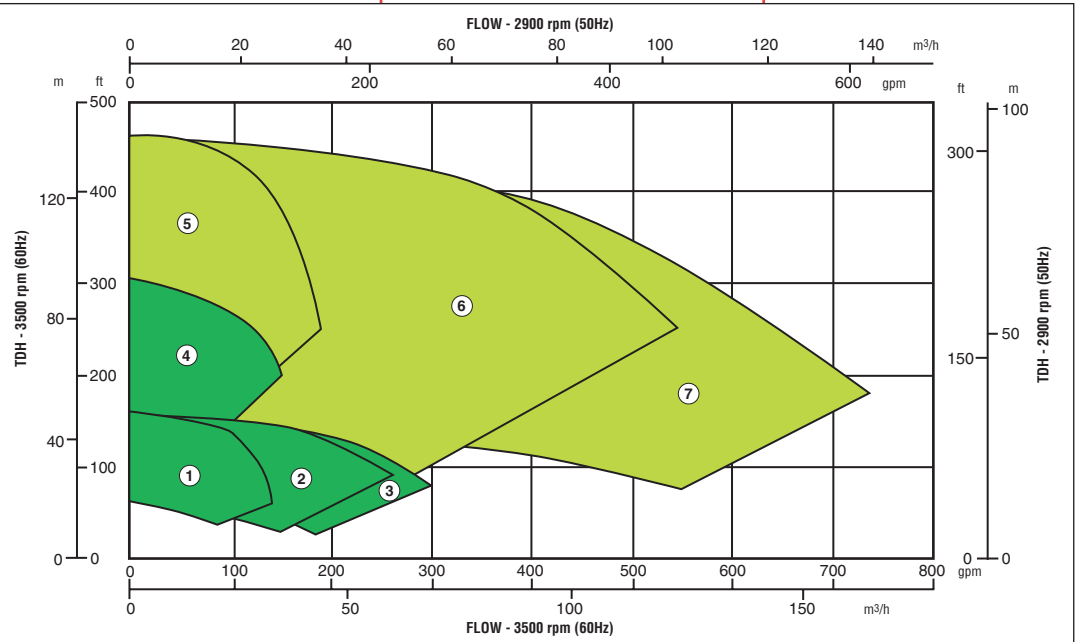
**PolyChem
M-Series
Performance
Curves**

ANSI

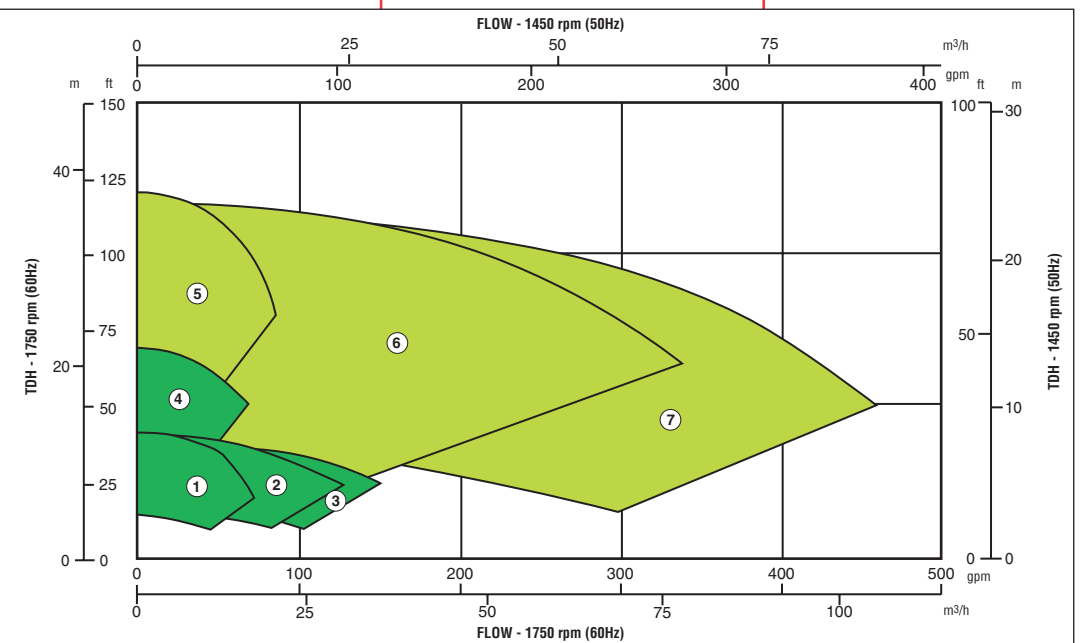
Available Sizes:

- ① 1.5X1-6
- ② 3X1.5-6
- ③ 3X2-6
- ④ 1.5X1-8
- ⑤ 2X1-10
- ⑥ 3X2-10
- ⑦ 4X3-10

**M Series
Group I & II**
3500 rpm (60 Hz)
2900 rpm (50 Hz)



**M Series
Group I & II**
1750 rpm (60 Hz)
1450 rpm (50 Hz)



PumpSel™

Exclusively from Flowserve, this accurate pump selection software program is available from your local Flowserve sales representative. This software assures correct sizing and selection of pumps and magnetic couplings to best suit your process application needs.

PumpSel also aids in checking the suitability of existing pumps when process requirements change.

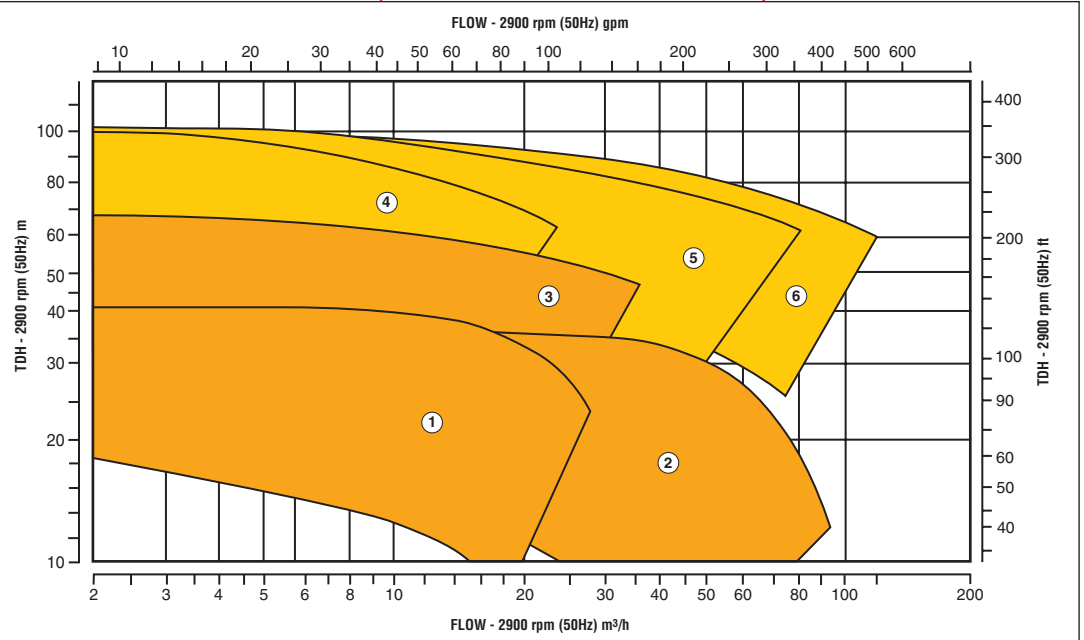
**PolyChem
M-Series
Performance
Curves**

ISO

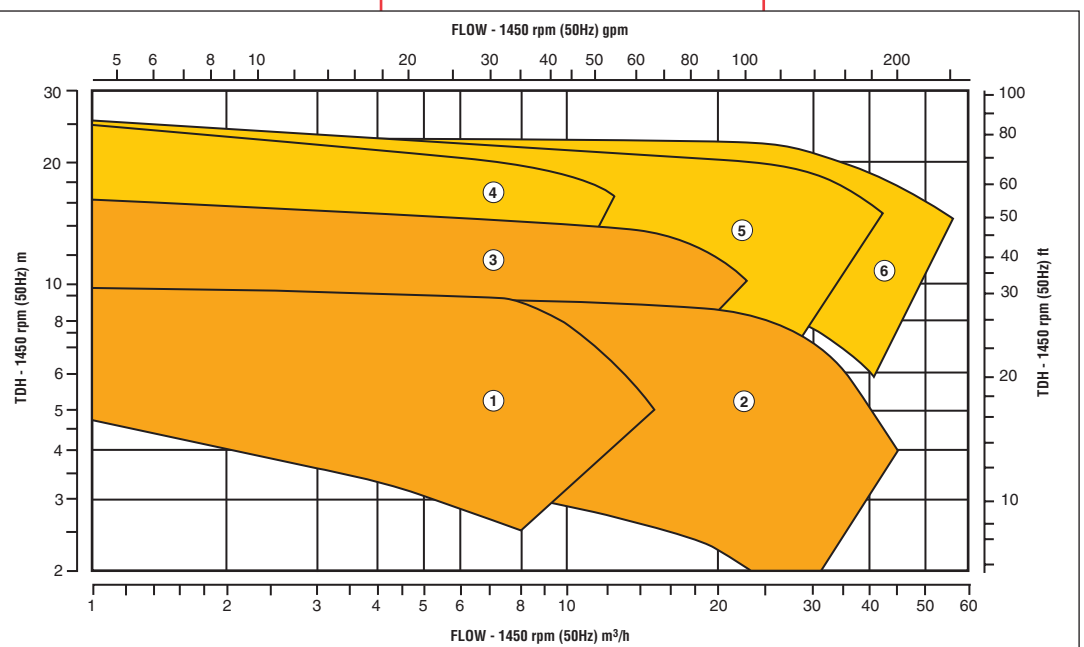
Available Sizes:

- ① 50 x 32-160
- ② 80 x 65-160
- ③ 65 x 40-200
- ④ 50 x 32-250
- ⑤ 80 x 50-250
- ⑥ 100 x 65-250

**M-Series
Group A & B
2900 rpm (50 Hz)**



**M-Series
Group A & B
1450 rpm (50 Hz)**



Durco PolyChem S-Series Pumps

Polychem S-Series- Revolutionary non-metallic pump technology

Durco plastic lined sealed pumps offer outstanding performance and significant economy in highly corrosive process applications. Incorporating the advanced design and precision manufacture of the rugged, heavy-duty Mark III chemical service pump significantly enhances bearing and seal life. The PolyChem S-Series pump is engineered to maximize mean time between planned maintenance (MTBPM).

Meets the following dimensional standards:

- ASME B73.1
- ISO 2858/5199
- JIS drilling

Worldwide Application

- ASME B73.1
- ISO 2858
- Option for JIS flange drilling

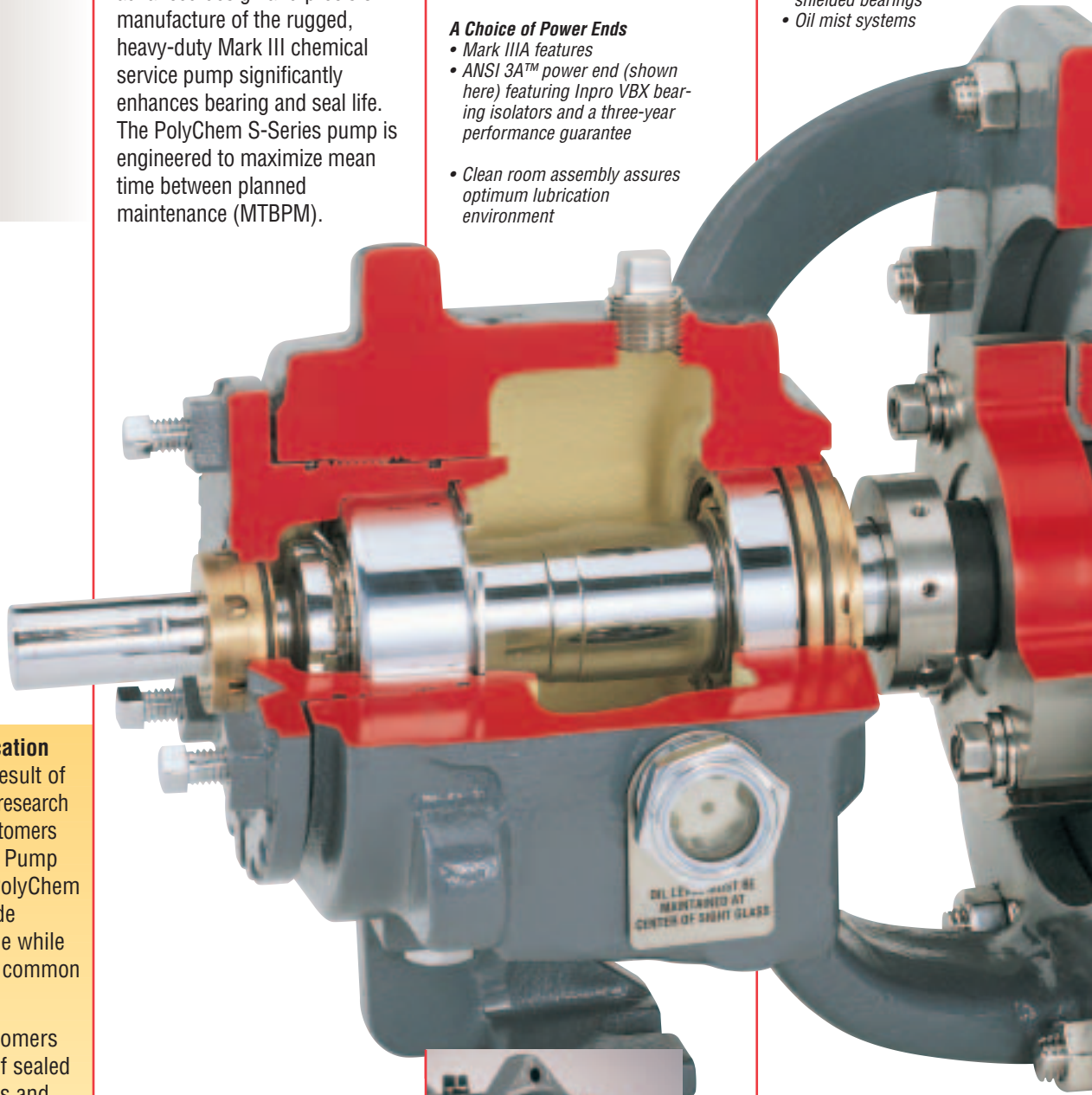
A Choice of Power Ends

- Mark IIIA features
- ANSI 3A™ power end (shown here) featuring Inpro VBX bearing isolators and a three-year performance guarantee
- Clean room assembly assures optimum lubrication environment

Silicon Carbide Shaft Sleeve
Provides optimum corrosion and wear resistance

Power End Options

- Alloy shaft sleeves
- Solid shafts
- Labyrinth oil seals
- Magnetic drain plug
- Oil slinger
- Regreasable or double shielded bearings
- Oil mist systems



Worldwide Application

PolyChem is the result of extensive market research with Flowserve customers around the world. Pump users stated the PolyChem pump must provide reliability and value while standardizing on a common global design.

Furthermore, customers wanted a choice of sealed or sealless designs and lined or solid non-metallic construction.

With the introduction of PolyChem, these requests have been fulfilled.

Fastest Maintenance Turnaround Time

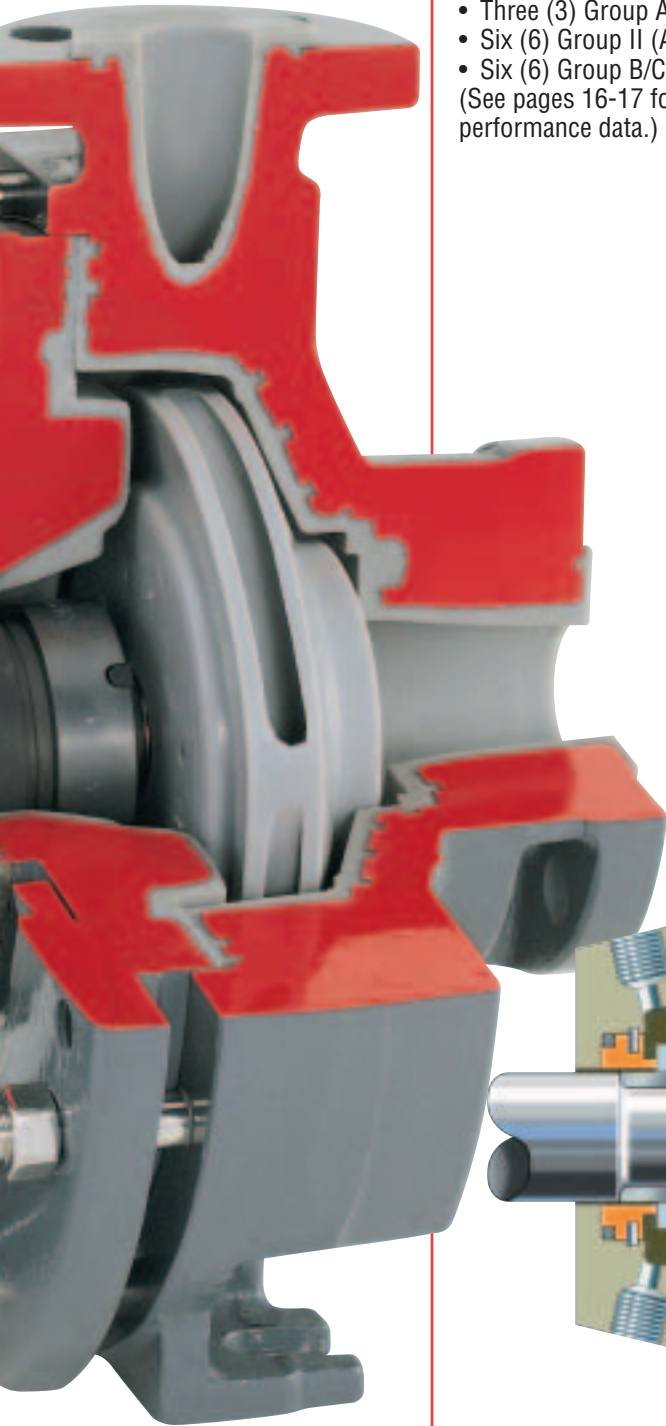
- Micrometer adjustment accurately sets impeller clearance to rear cover in 20 seconds... in the shop or field
- Mechanical seals and all critical settings can be accurately set in the shop



PolyChem S-Series sealed pumps cover a broad hydraulic range.

Nineteen Sizes

- Four (4) Group I (ANSI)
 - Three (3) Group A (ISO)
 - Six (6) Group II (ANSI)
 - Six (6) Group B/C (ISO)
- (See pages 16-17 for performance data.)



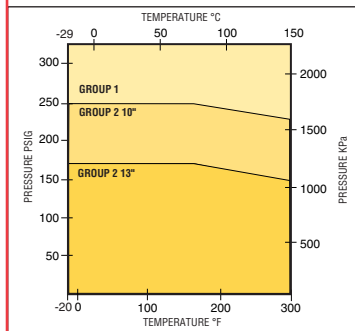
Capacities

- 60 Hz
To 1400 gpm (320 m³/h)
- 50 Hz
To 1150 gpm (260 m³/h)

Heads

- 60 Hz
To 725 ft (220 m)
- 50 Hz
To 505 ft (155 m)

Pressure/Temperature Limits



Fluoropolymer PFA Lined Wet End

is globally preferred for its superior corrosion resistance and temperature allowance to 300°F (149°C).

Enclosed Impeller Design provides balanced hydraulic loads and superior efficiency compared to open impeller designs

Exclusive Oversized "FM" Seal Chamber

The FM (flow modifier) is designed to self flush the mechanical seal to offer longer seal life, reduced costs, and improved pump and seal reliability. (See page 15 for more details.)

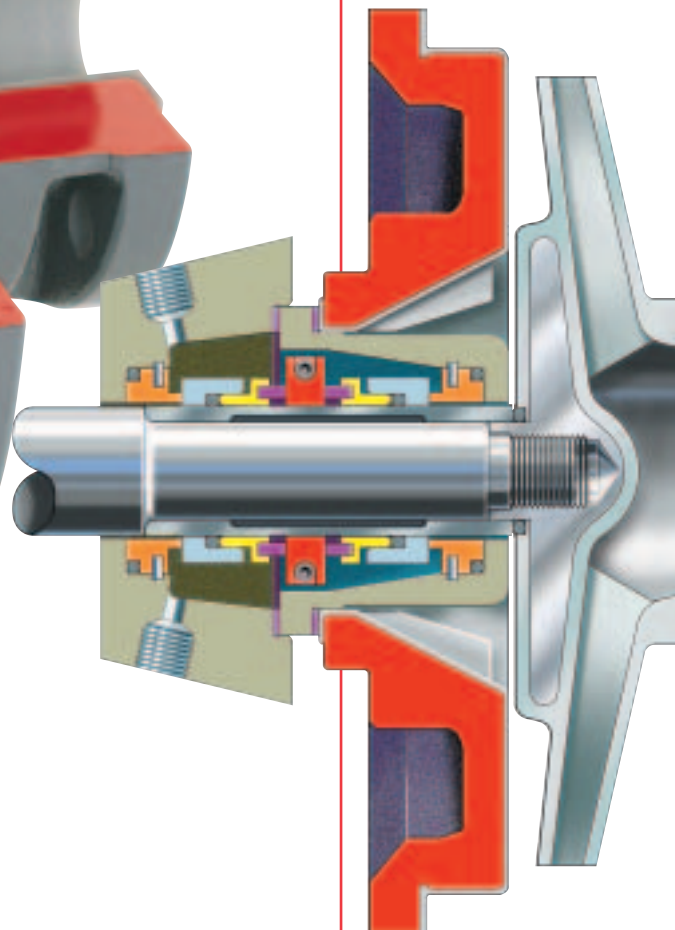
Multiple Seal Accommodation

Readily available and economical seal selections may be utilized. (See Page 14 for typical seal arrangements.)

Unique Seal Chamber Canister

allows for double component seals to be applied in the FM seal chamber

- Enables quick retrofit of different seal styles
- Eliminates the need for stocking additional rear covers

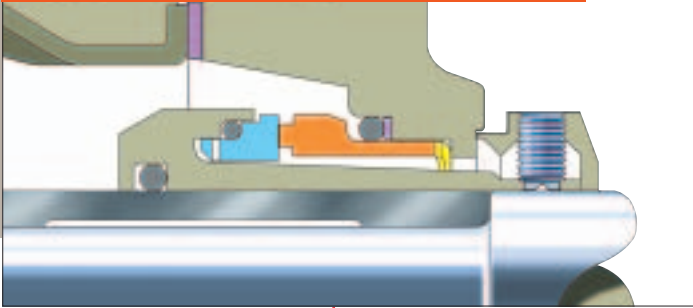


**Durco PolyChem
S-Series Pumps**

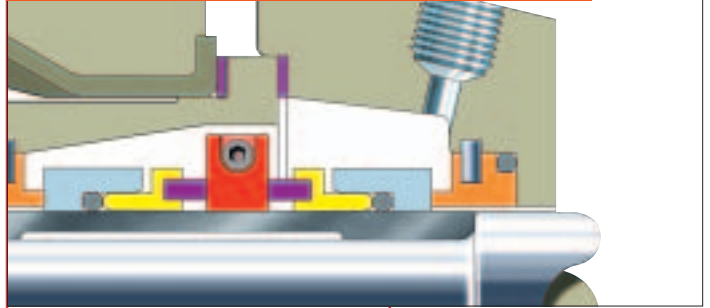
Sealing Options

PolyChem S-Series pumps offer the advantage of innovative and readily available seal selections. Shown here are standard and recommended seal arrangements.

Non-Metallic Single Cartridge



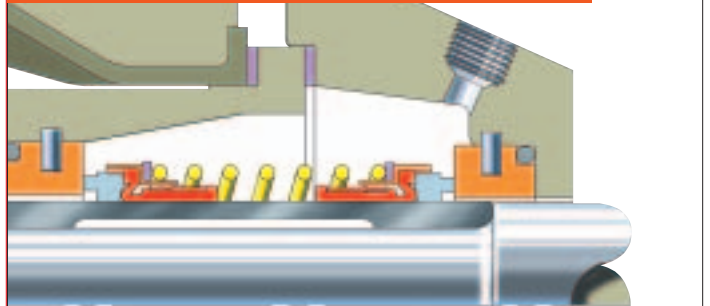
Double Component (Collar Drive)



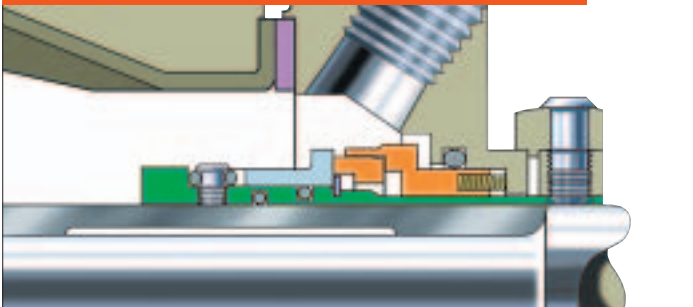
Non-Metallic Single External



Double Component (Friction Drive)



Metallic Single Cartridge



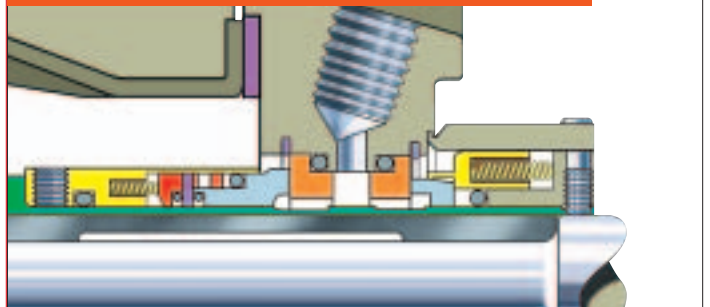
Non-Metallic Double Cartridge



Metallic Single Component



Metallic Double Cartridge



**Durco PolyChem
S-Series Pumps**

**Advanced FM SealSentry
Design Technology**

- Self-Flushing
- Self-Venting
- Self-Draining

Only Durco PolyChem offers a non-metallic pump with the advantages of an oversized seal chamber with flow modifiers.

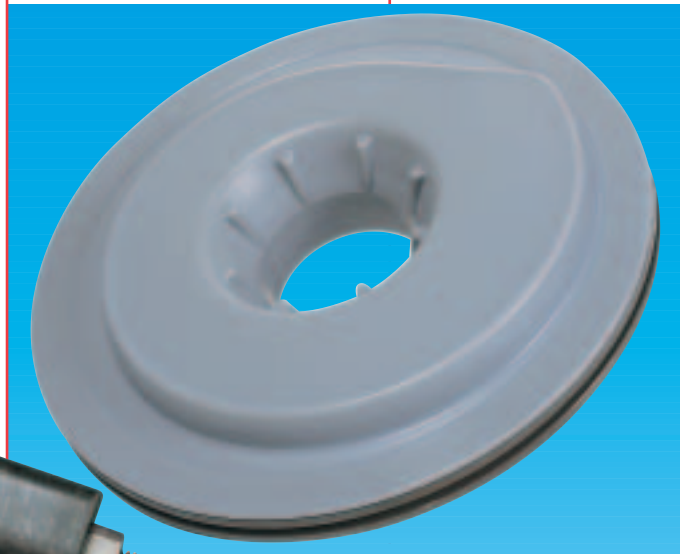
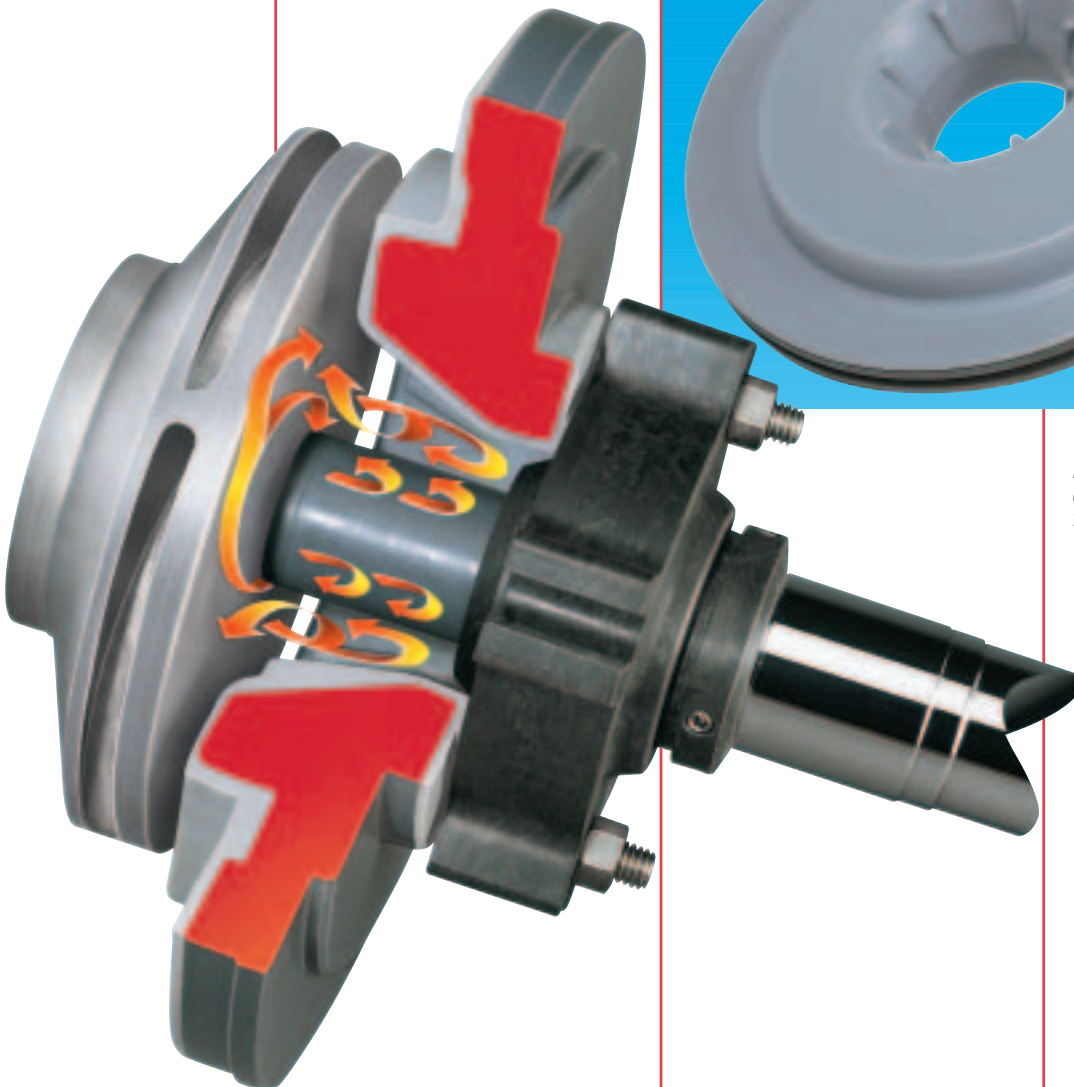
Seal life is extended due to superior purging of heat, solids and vapors. Single seals can often be selected where dual seals or external flush and throat bushing combinations have been used.

**Flow Modifiers Extend
Mechanical Seal MTBPM**

- Flow modifiers redirect flow from circumferential to axial
- Balanced flow with low pressure drop in the chamber helps keep solids in suspension, minimizing erosive characteristics of the process
- A mechanical seal creates a centrifuging action away from its parts and into the returning flow path of the process liquid

- Solids merge in the returning flow path and are flushed out of the seal chamber
- The high flow rate prevents suspended solids from precipitating or crystallizing to seal or seal chamber.

For SealSentry video and proof of performance contact your local Flowserve sales office.



The FM (flow modifier) rear cover design features an enlarged, tapered bore with flow modifiers.

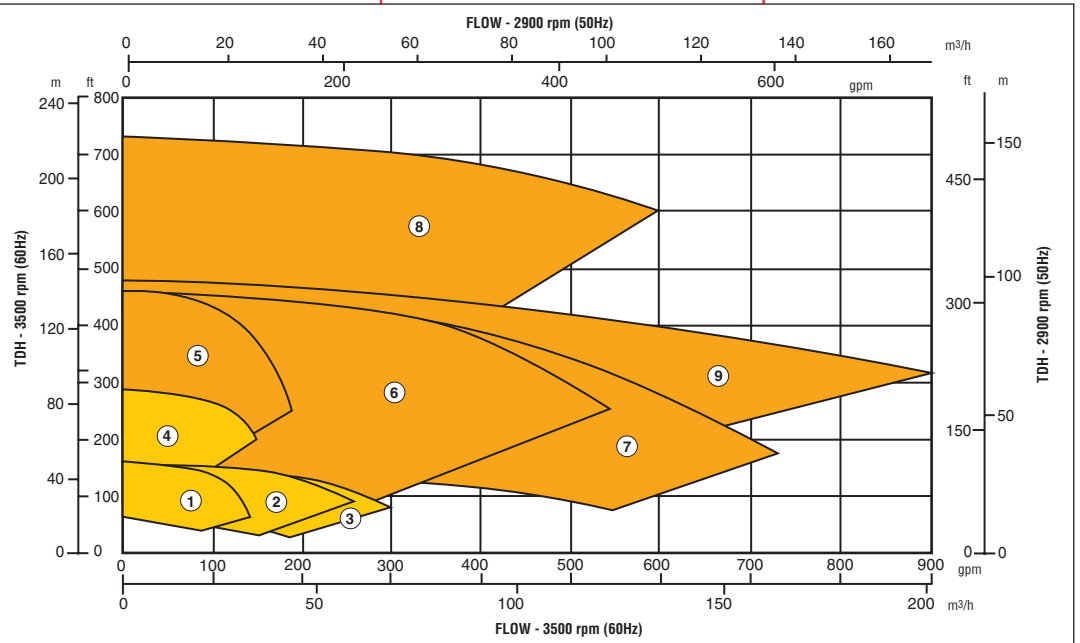
**PolyChem
S-Series
Performance
Curves**

ANSI

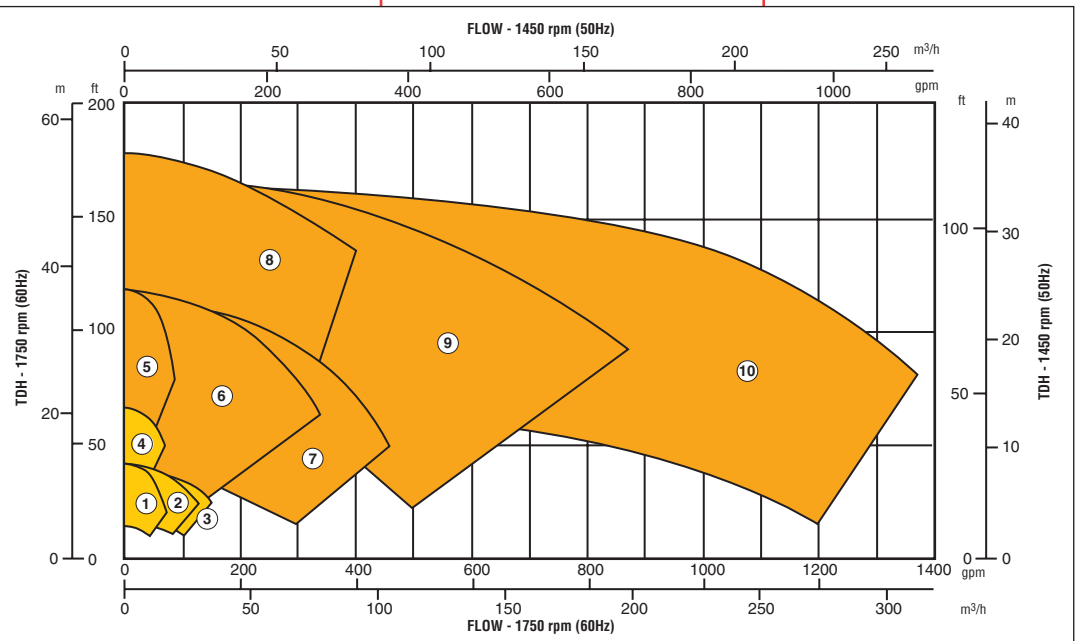
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- ⑥ 3X2-10
- ⑦ 4X3-10
- ⑧ 3X2-13
- ⑨ 4X3-13
- ⑩ 6X4-13

**S-Series
Group I & II**
3500 rpm (60 Hz)
2900 rpm (50 Hz)



**S-Series
Group I & II**
1750 rpm (60 Hz)
1450 rpm (50 Hz)



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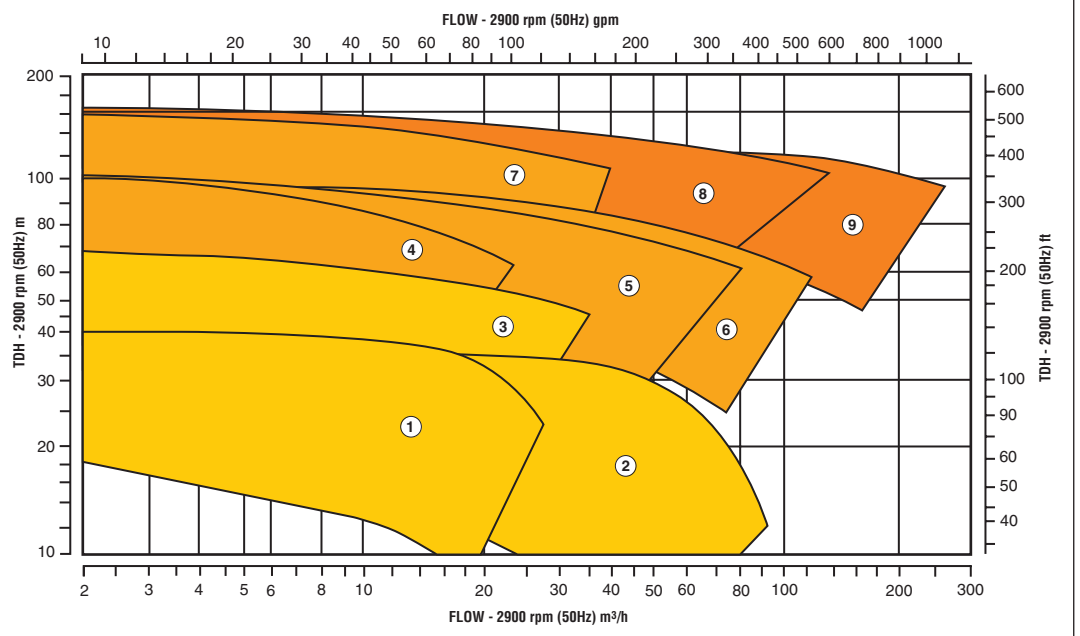
**PolyChem
S-Series
Performance
Curves**

ISO

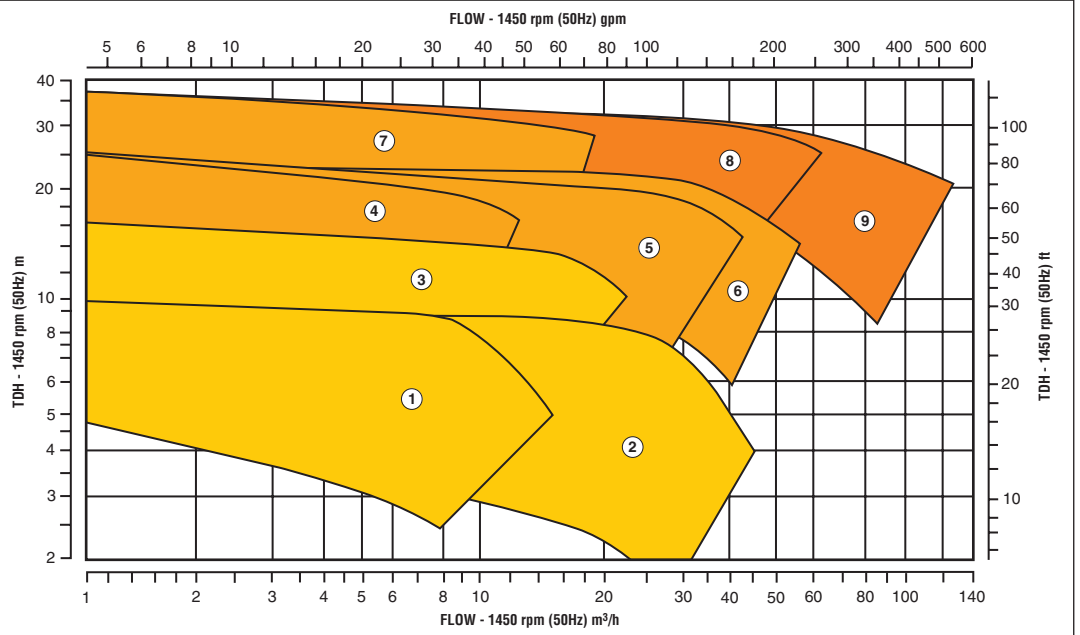
Available Sizes:

- ① 50 x 32-160
- ② 80 x 65-160
- ③ 65 x 40-200
- ④ 50 x 32-250
- ⑤ 80 x 50-250
- ⑥ 100 x 65-250
- ⑦ 65 x 40-315
- ⑧ 100 x 65-315
- ⑨ 125 x 100-315

**S-Series
Group A & B
2900 rpm (50 Hz)**



**S-Series
Group A & B
1450 rpm (50 Hz)**



Durco PolyChem F-Series Pumps

FRP Pumps for Severe Corrosive Services

The Durco FRP (fiber glass reinforced plastic) ANSI centrifugal pumps and Self-Priming versions complete the PolyChem line of corrosion resistant pumps.

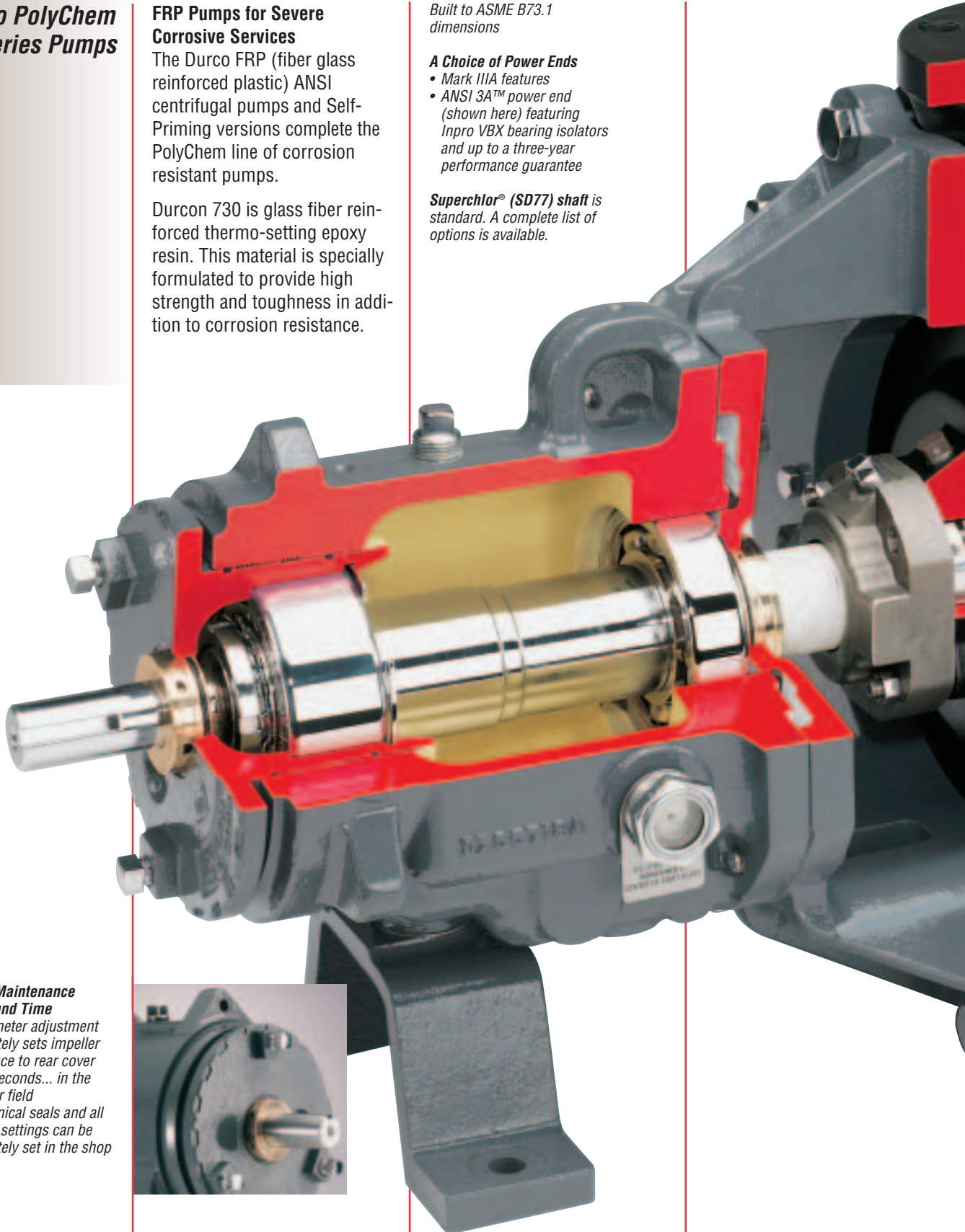
Durcon 730 is glass fiber reinforced thermo-setting epoxy resin. This material is specially formulated to provide high strength and toughness in addition to corrosion resistance.

Built to ASME B73.1 dimensions

A Choice of Power Ends

- Mark IIIA features
- ANSI 3A™ power end (shown here) featuring Inpro VBX bearing isolators and up to a three-year performance guarantee

Superchlor® (SD77) shaft is standard. A complete list of options is available.



Fastest Maintenance Turnaround Time

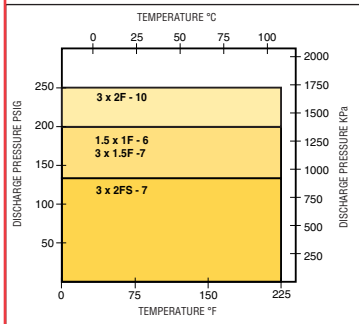
- Micrometer adjustment accurately sets impeller clearance to rear cover in 20 seconds... in the shop or field
- Mechanical seals and all critical settings can be accurately set in the shop



F-Series Hydraulic Range includes:

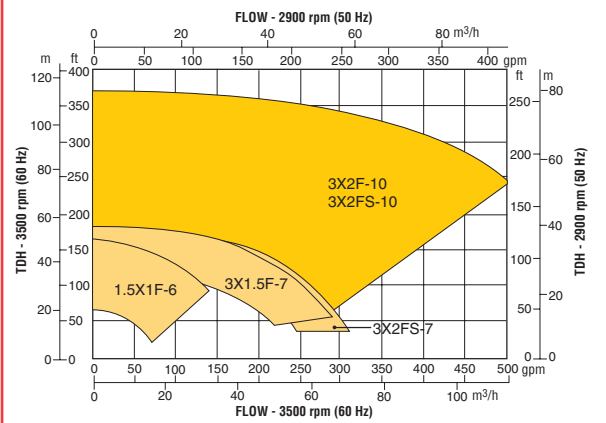
- Three (3) standard sizes
- Two (2) Self-Priming sizes

Pressure/Temperature Limits

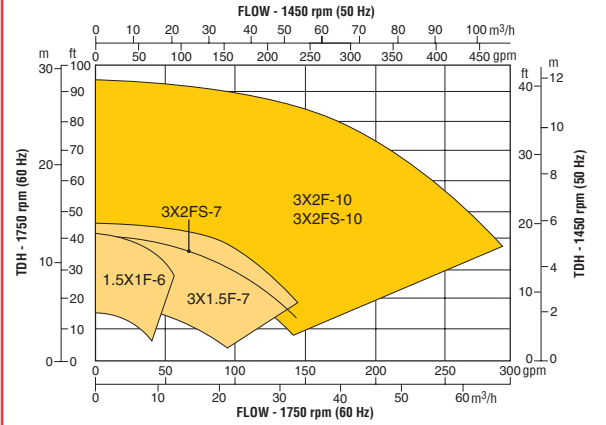


All wet end components are one-piece solid compression molded for superior strength

Composite Performance Curves



Composite Performance Curves



F-Series Self-Priming Pumps

are an excellent choice for the following applications when corrosive media is present:

- Industrial Sumps
- Waste Treatment Pond Transfer
- Tank Car Unloading
- Lift Stations

Back pull-out with foot mounted casing

**Durco PolyChem
L-Series Pumps**

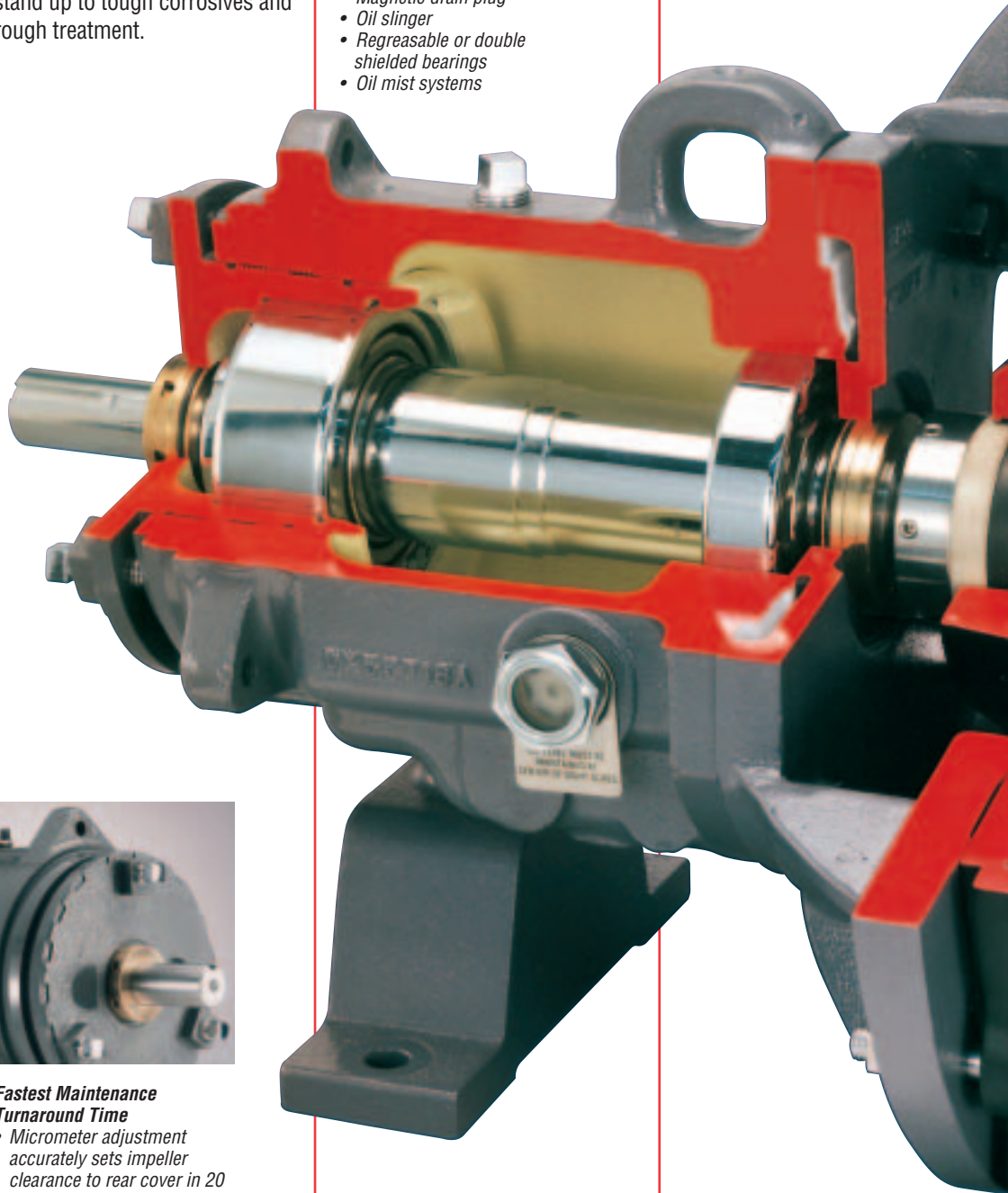
The ANSI dimensional Durco Mark III L-Series non-metallic pump combines the performance and maintenance benefits of the Mark III Standard ANSI pump with design features that solve the most common pump problems: seals that fail too frequently and materials that can't stand up to tough corrosives and rough treatment.

A Choice of Power Ends

- Mark IIIA features
- ANSI 3A[™] power end (shown here) featuring Inpro VBX bearing isolators and up to a three-year performance guarantee

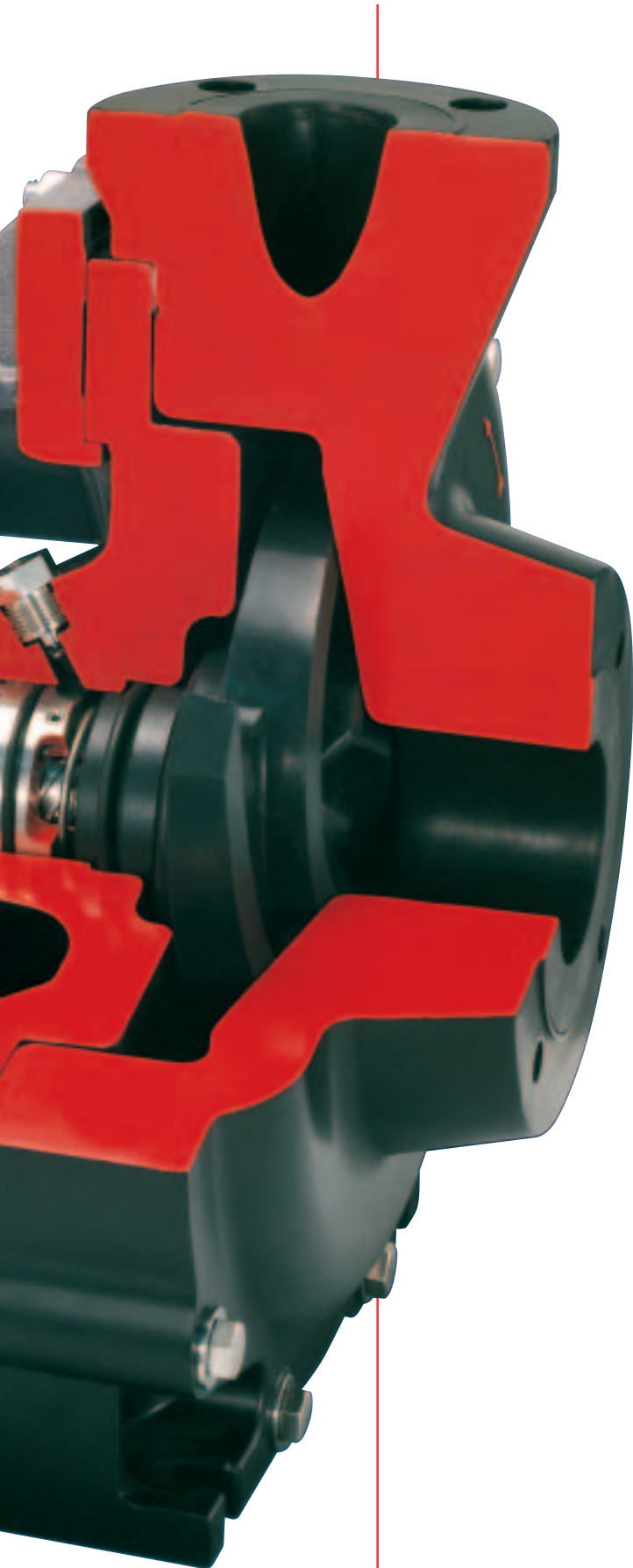
Power Frame Options

- Alloy shaft sleeves
- Labyrinth oil seals
- Magnetic drain plug
- Oil slinger
- Regreasable or double shielded bearings
- Oil mist systems



**Fastest Maintenance
Turnaround Time**

- Micrometer adjustment accurately sets impeller clearance to rear cover in 20 seconds... in the shop or field
- Mechanical seals and all critical settings can be accurately set in the shop



Six Sizes

- Two (2) Group I
- Four (4) Group II

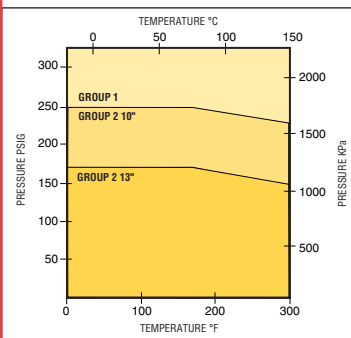
Capacities

- 60 Hz
To 1000 gpm (230 m³/h)
- 50 Hz
To 830 gpm (190 m³/h)

Heads

- 60 Hz
To 460 ft (140 m)
- 50 Hz
To 320 ft (73 m)

Pressure/Temperature Limits



Fluoropolymer PFA lined with FRP armor wet end components or optional solid Durcon® 730 FRP
(Group II only)

PFA lined ductile cast iron armor
(Group I only)

Encapsulated PFA Impeller
design provides high efficiency

Unique mechanical seal

- Rotating seal face locked in the back of the impeller
- Massive portion of the seal and springs are stationary in the chamber which allows the seal to flex to match shaft deflection
- Eliminates shaft fretting
- Metal parts of seal are not exposed to corrosive process liquid

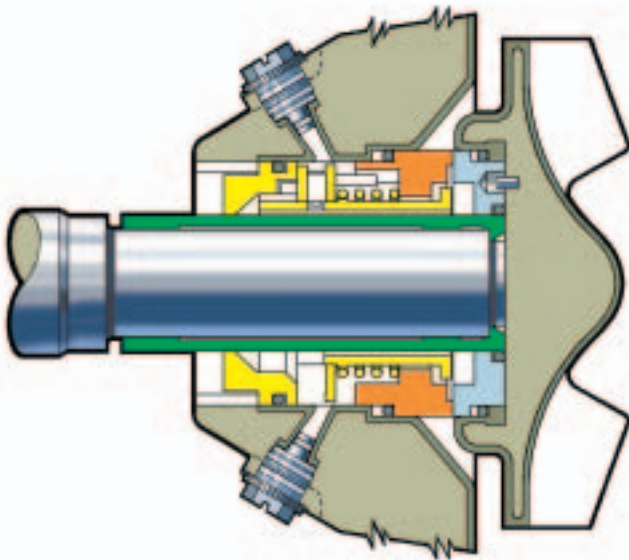
Enlarged space around seal area between the impeller and the cover

- Better circulation and seal face cooling
- Self-flushing of the seal faces

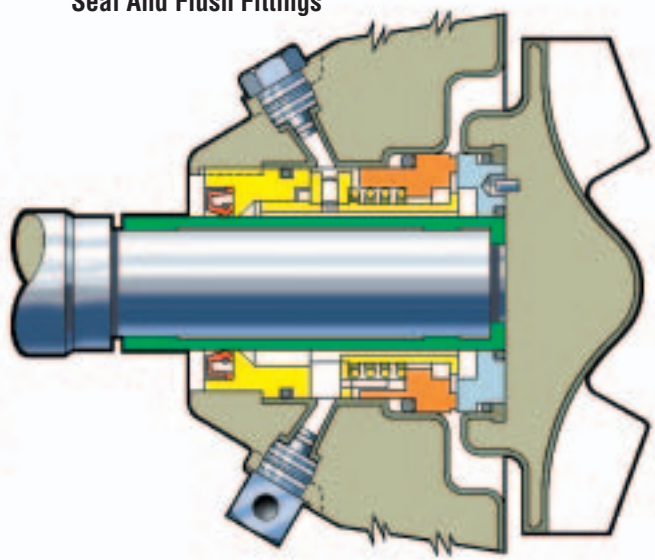
**Durco PolyChem
L-Series Pumps**

Single Mechanical Seals

Standard Single Seal

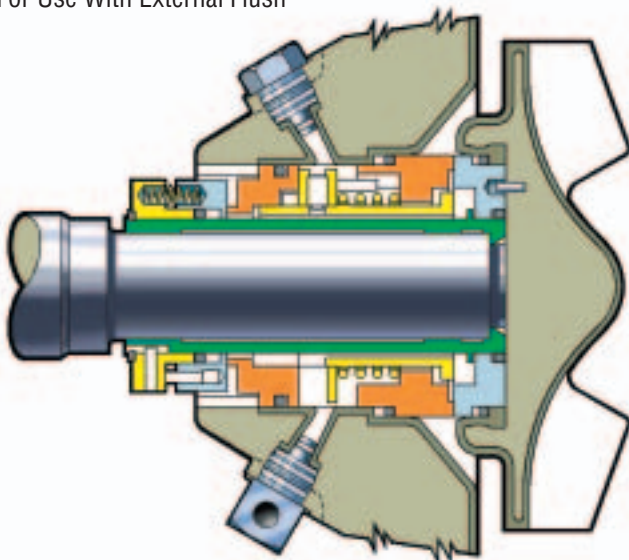


Single Seal With Optional Lip Seal And Flush Fittings

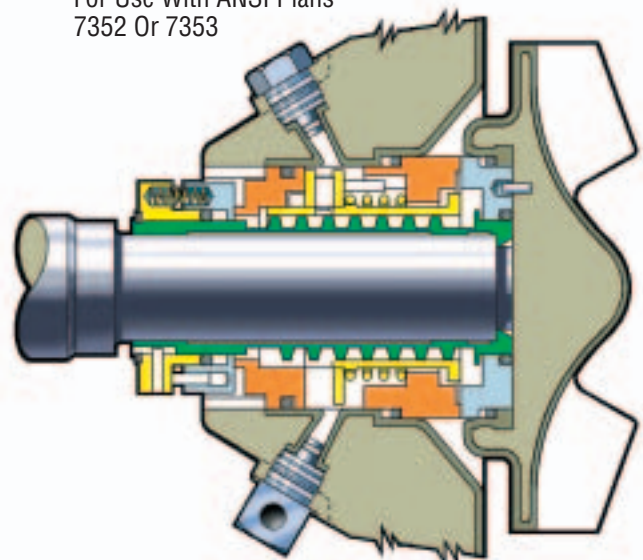


Double Mechanical Seals

**Standard Double Seal
For Use With External Flush**

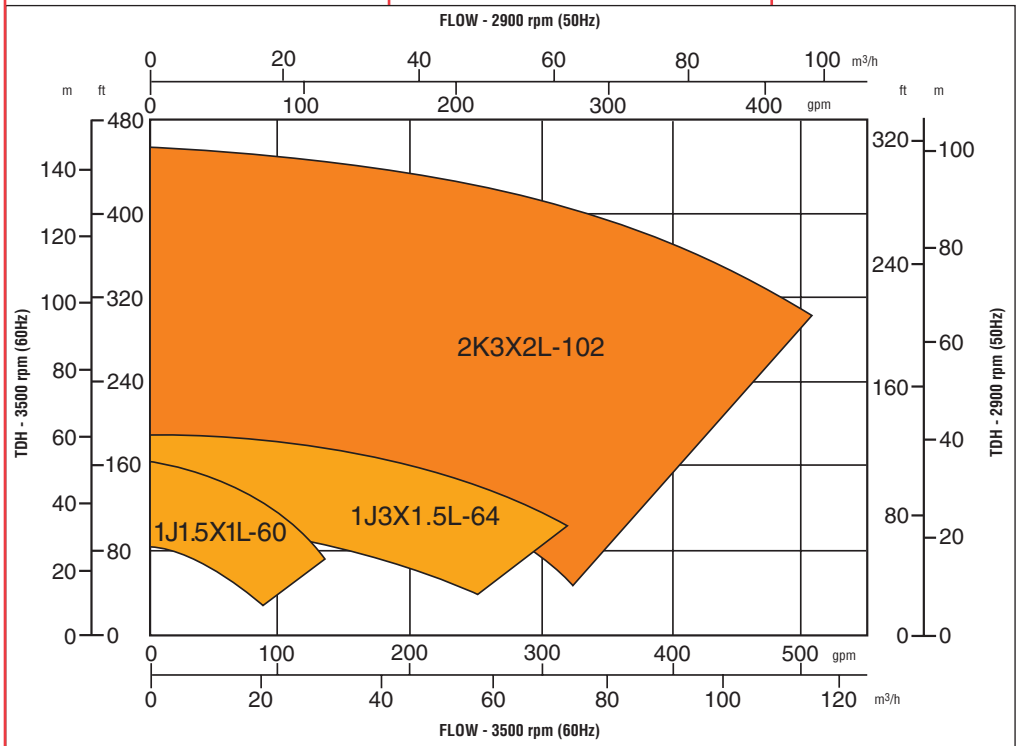


**Double Seal With Pumping Sleeve
For Use With ANSI Plans
7352 Or 7353**

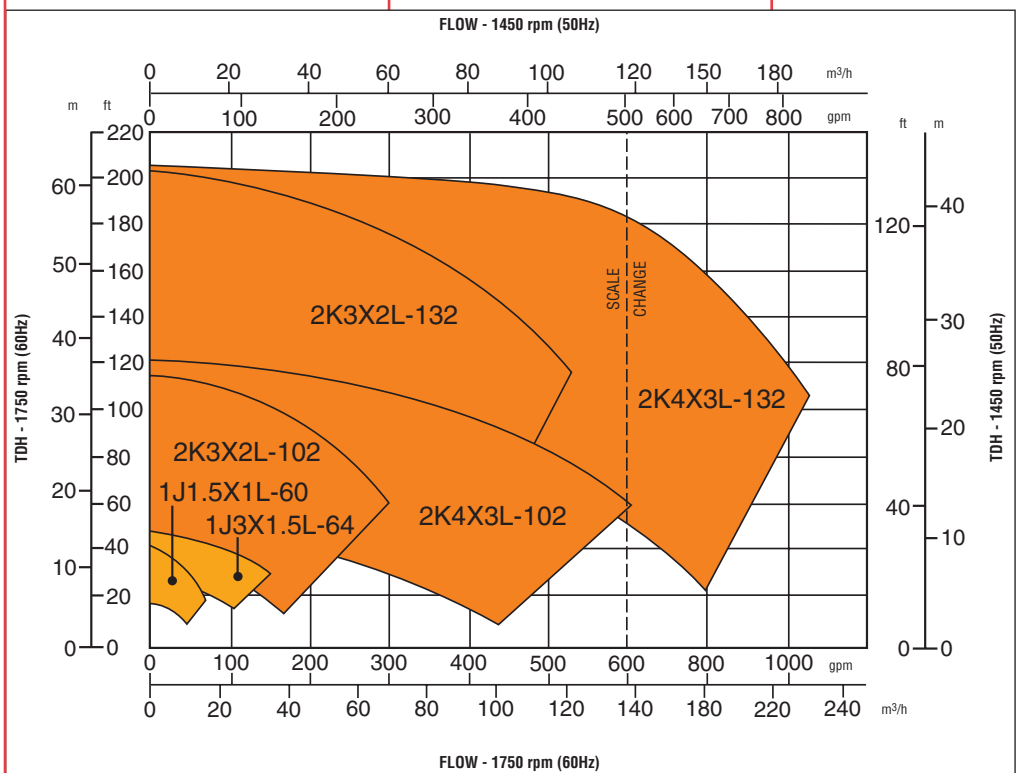


**PolyChem
L-Series
Performance
Curves**

GROUP 1 & 2
3500 rpm (60 Hz)
2900 rpm (50 Hz)



GROUP 1 & 2
1750 rpm (60 Hz)
1450 rpm (50 Hz)



**Other Durco
Non-Metallic
Pumps**

Flowserve is recognized for its proud history of non-metallic pump development

The following pumps were industry firsts and are still available today for specific process applications:

T-Line

Molded PTFE and PFA pump components. ANSI dimensional. For more information, please see Bulletin P-15-100.

Four Sizes

- One (1) Group I
- Three (3) Group II

Capacities

To 800 gpm (182 m³/h)

Heads

To 190 ft (63 m)



E-Series

Durcon is an epoxy resin, modified to provide the optimum combination of corrosion resistance and strength. For more information, please see Bulletin P-13-101.

Five Sizes

- One (1) Group I
- Four (4) Group II

Capacities

To 800 gpm (182 m³/h)

Heads

To 173 ft (58 m)

KW941 Pump Power Monitor

The KW941 Pump Power Monitor monitors and displays actual power to the pump offering simultaneous protection from underload and overload operating conditions.

The KW941 helps to eliminate costly downtime and expensive pump repairs caused by:

- Dry running
- Pump overloads
- Cavitation
- Blocked lines
- Closed suction or discharge valves
- Excessive wear or rubbing

Broad application range

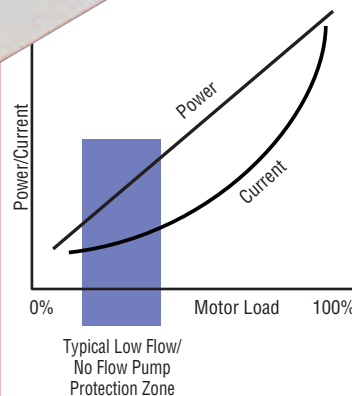
- Works on all pumps having steady (non-pulsating) loads: centrifugal; gear; turbine; ANSI; API; paper stock; sealed; mag drive; canned motor; self-priming

Easy installation

- Simple wiring procedure
- Easily installed on existing pump installations

Easy setup & calibration

- Settings controlled from front panel push buttons; no internal adjustments, dip switches or potentiometers
- Large digital display for easy viewing and accurate settings
- One step calibration can be performed without operating pump. No need to run pump at off-operating conditions to calibrate power monitor
- Settings can be viewed or adjusted during normal pump operation



By sensing power and not just amperes, linear measurements are obtained, eliminating unwanted nuisance trips.

Premium features for reliable protection

- Push buttons display horsepower or kilowatts; automatic conversion when switching displays
- Adjustable low power and high power set points protect pump from underload and overload operation. Alarms can be tripped or pumps shut down before damage occurs
- Adjustable trip delay timers filter out nuisance trips caused by temporary power fluctuations

- Adjustable start up delay timer is particularly useful in self-priming applications
- 4 to 20 milliamp analog output facilitates remote displays, operator interface and output to PLC or DCS
- Two form C relay outputs for low and high power trips. Outputs can be used to shut down pump or trip alarms
- Automatic, manual and remote reset options for versatile operation



The KW941 Pump Power Monitor is easy to install on new or existing pump installations. All connections and controls are located at motor starter electrical enclosure as shown at right. Costly instrumentation wiring to the pump is eliminated.

Durco BaseLine™ Baseplate System

Flowserve offers a family of pre-engineered baseplate designs to extend MTBPM and reduce costs.

Reducing internal stress and vibration extends MTBPM of pump/motor packages.

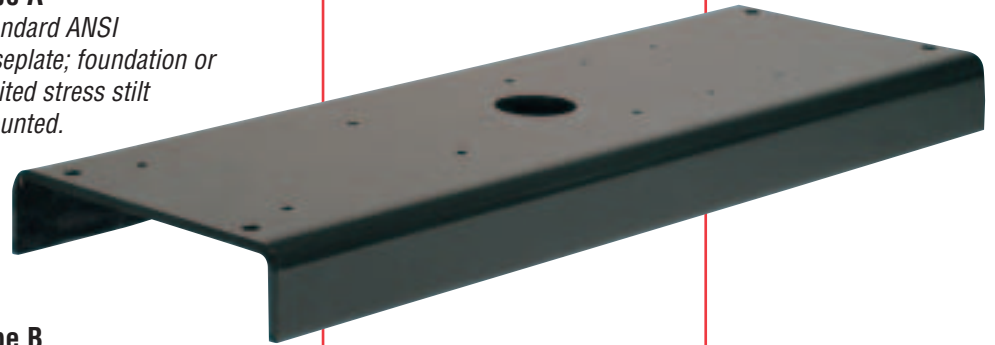
Pump users specify rigid baseplate designs to:

- Provide torsional lateral and longitudinal rigidity
- Improve vibration dampening through greater mass and design stiffness
- Protect against transit damage
- Resist twisting during installation
- Maintain designed-in shaft alignment
- Reduce installation and shaft alignment time
- Reduce diaphragming or separation from grout
- Improve pump/motor/seal MTBPM
- Reduce total life cycle pump/motor/seal costs

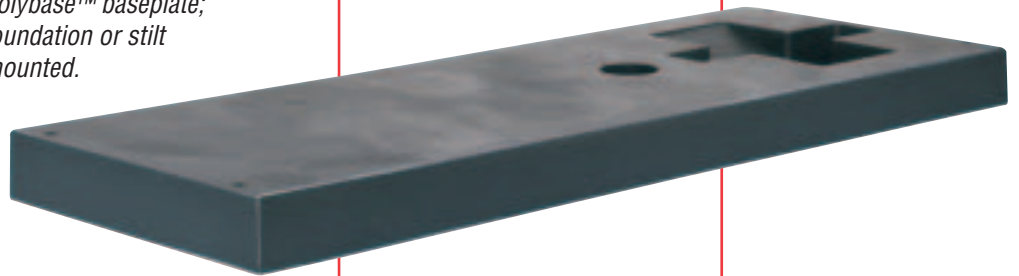
Flowserve recommends:

- Reinforced baseplate to extend MTBPM
- Level screw inserts for baseplates to be grouted to reduce cost and time

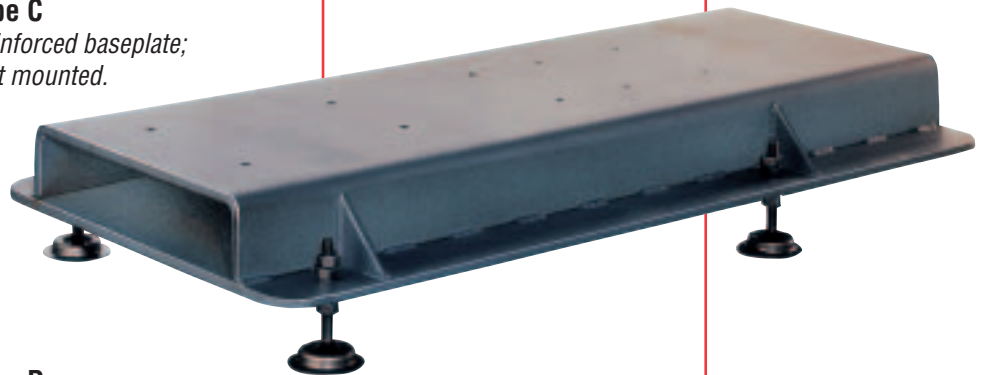
Type A
Standard ANSI baseplate; foundation or limited stress stilt mounted.



Type B
Polybase™ baseplate; foundation or stilt mounted.



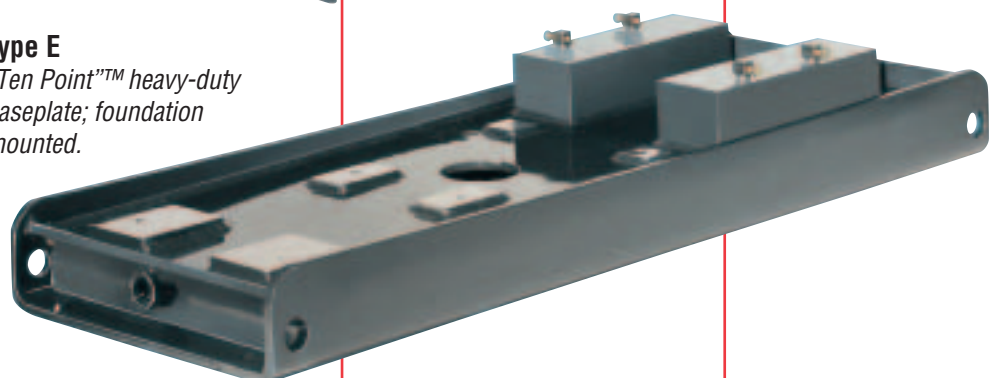
Type C
Reinforced baseplate; stilt mounted.



Type D
Reinforced baseplate; foundation mounted; with optional drip rim.



Type E
"Ten Point"™ heavy-duty baseplate; foundation mounted.



**Durco Solid
Polymer Concrete
PolybaseTM**

**Featuring Durco's Solid
Polymer Concrete PolybaseTM
and PolyblocTM Adjustment
System**

Available in three material combinations for broad range corrosion resistance.

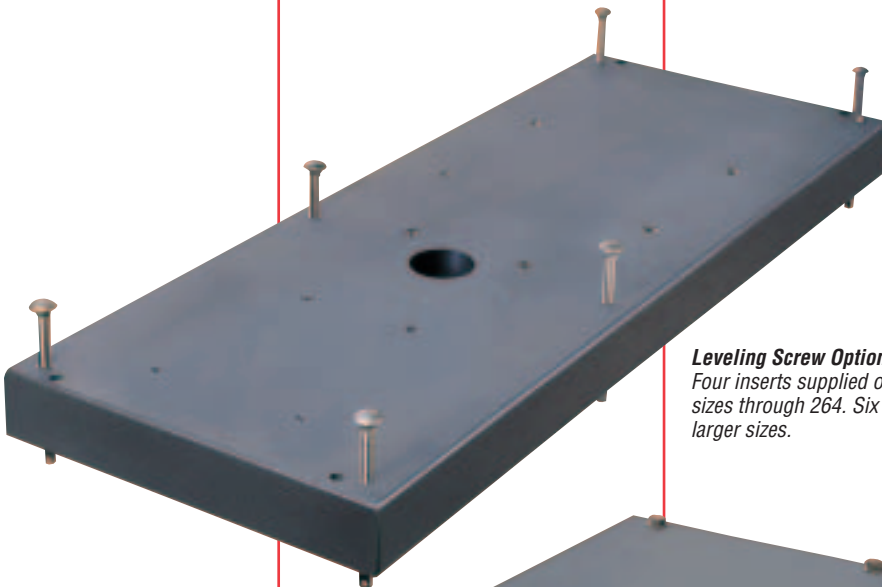
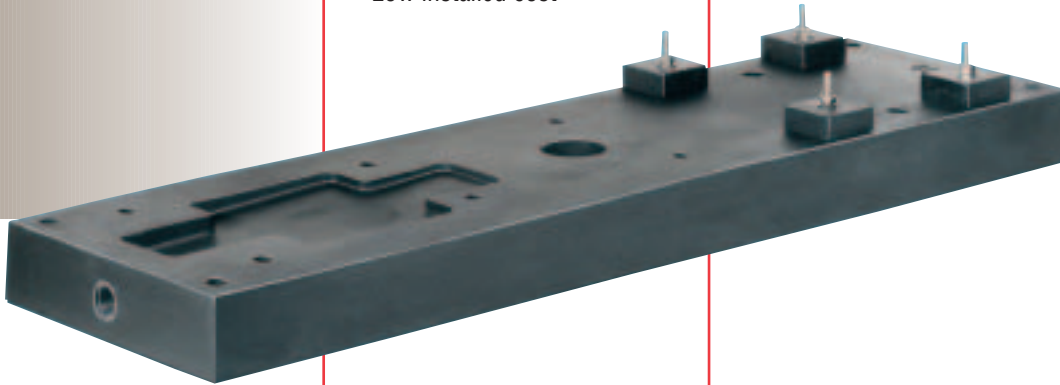
- ANSI and ISO standard designs
- Low installed cost

- Superior vibration dampening
- Corrosion resistant
- Superior resistance to twisting or diaphragming
- Designed to be flat
- Available with or without catch basins and grout holes



**PolyblocTM – Motor
Mounting Block**

- Flatter and more repeatable height tolerances than steel
- Corrosion resistant
- Superior vibration dampening
- Full foot support (no overhang)



Leveling Screw Option
Four inserts supplied on sizes through 264. Six on larger sizes.



Stilt Mounted Baseplate
• Cross bars provided on sizes 139 through 264
• Support tubing provided on sizes 268 through 398



8-PointTM Adjuster

- Allows precise motor adjustment to reduce alignment time
- Used with recessed bloc-lock device

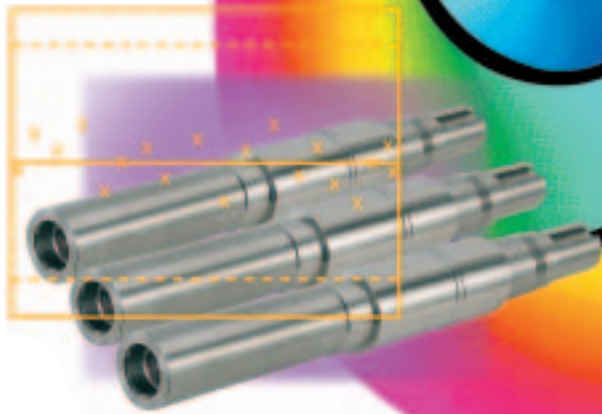
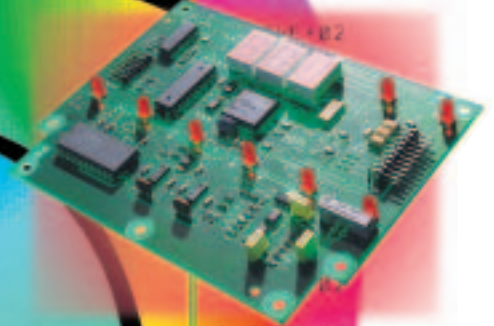
Hydraulic Engineering

Mechanical Design

Materials Expertise

Smart Technology

Manufacturing Technology



PRESSURE
3.326E+02
3.146E+02
2.966E+02
2.785E+02
2.605E+02
2.425E+02

1.342E+02
1.161E+02
9.815E+01
8.011E+01
6.207E+01
4.403E+01



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