

OPTIMIZE THE HEALTH OF YOUR PUMP SYSTEM WITH GENESYS® PUMPS

SIMPLICITY UNRIVALED

- EASE OF MAINTENANCE
- CLOSE COUPLED - NEMA JM & ISO MOTOR FRAMES
- UNIQUE ANSI/ISO FLANGE SYSTEM



- ANSI B73.1
- ISO 2858

INNOVATION UNPARALLELED

- TRUE BACK-END PULLOUT
- THROUGH-BOLT DESIGN
- PROPRIETARY POLYESTER & VINYL ESTER FOR WARM SEA WATER & CORROSIVE FLUID APPLICATIONS

EFFICIENCY UNMATCHED

- ENCLOSED IMPELLER DESIGN
 - 84% PEAK EFFICIENCY
 - RESIN RICH INTERNAL HYDRAULIC PASSAGES



SCAN THE QR CODE
TO LEARN MORE
ABOUT THE NEW
GENESYS® LINE
OF PUMPS



B73LEAN®: SUPERIOR DESIGN FOR MAXIMUM EFFICIENCY

B73lean® ensures inlet and discharge ports are interchangeable with existing metal and plastic pumps conforming to ANSI/ASME B73.1, and ISO 2858 specifications.

B73lean® provides the ability to close-couple to various NEMA and IEC motor frame designs. This benefit provides lower acquisition costs and reduces the overall footprint when comparing to outdated, long-coupled pump and motor configurations.



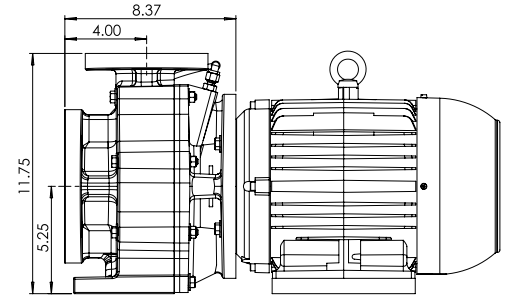
MDM Incorporated • 3345 N. Cascade Ave. • Colorado Springs, CO 80907
719-634-8202 • sales@mdminc.com • www.mdminc.com • Made in the USA





Vinyl Ester Case Material • Baldor Motor

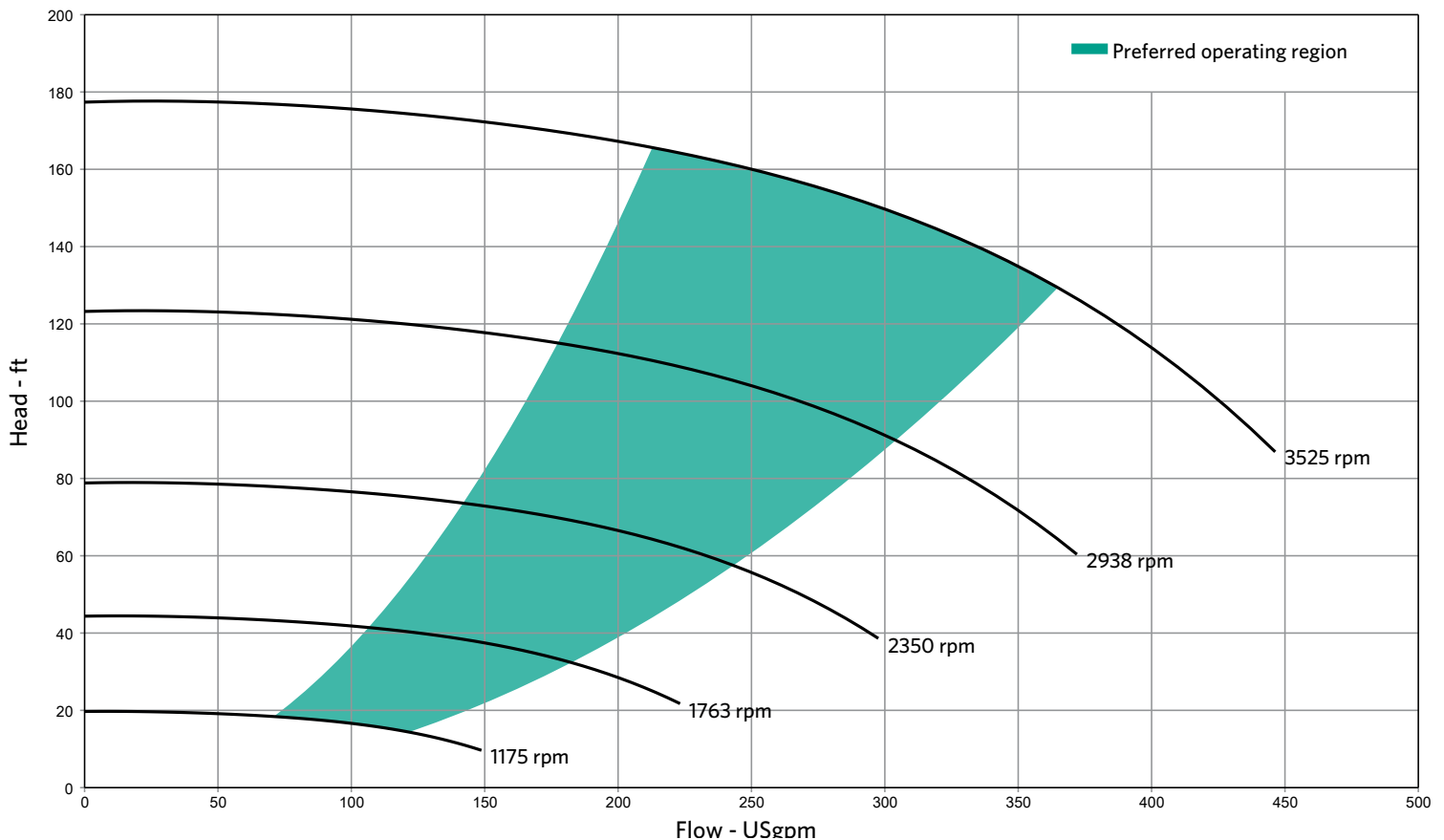
Polyester Case Material • WEG Motor

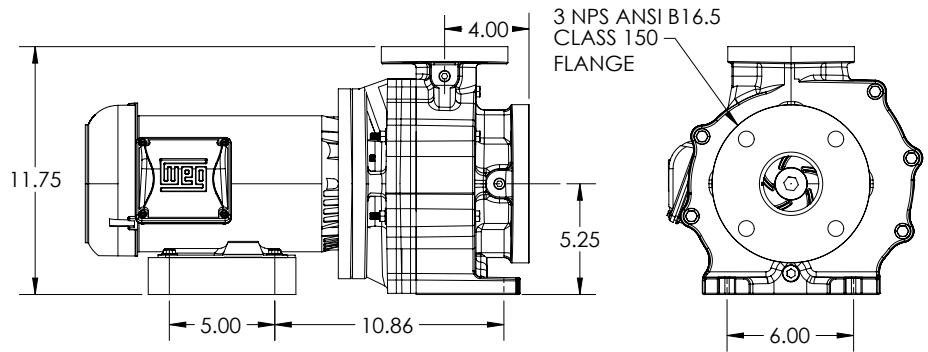
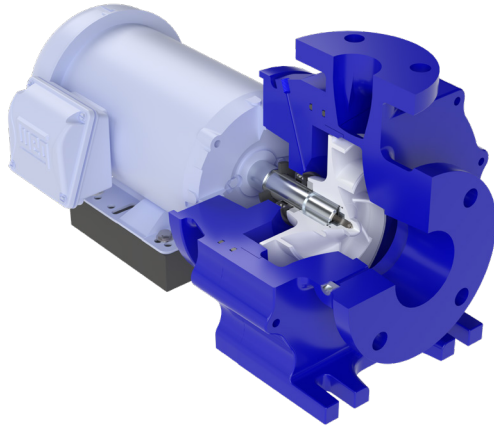


*Dimensions and illustrations are approximate and for reference only.
Motors are subject to change at any time.

The GENESYS® 3x2-6 vinyl ester and polyester end-suction centrifugal pump line is designed and engineered to provide highly efficient pumping solutions. The fiberglass reinforced polymer case construction with the option of no wetted metal parts gives it compatibility with many aggressive chemistries and corrosive fluids. The unique enclosed-impeller and time-tested volute design render 2 pole performance at 78% efficiency.

- 70 gpm [POR - 592 rpm]
- 360 gpm [POR - 3525 rpm]
- 175 Feet Head Shut-Off
- Peak Efficiency 78%
- ANSI/ASME - B73lean
- Highly Corrosion Resistant Proprietary FRP Formulation

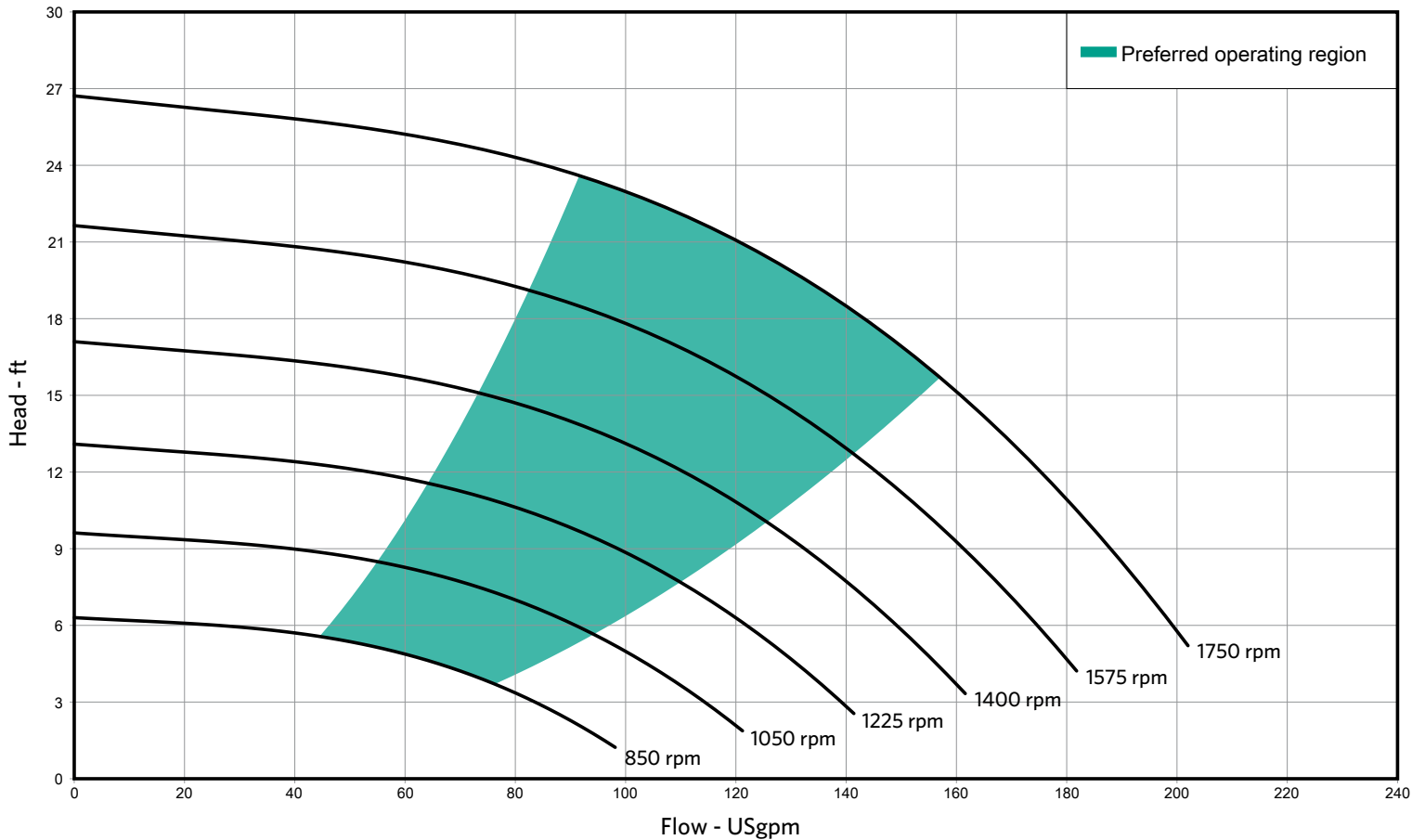


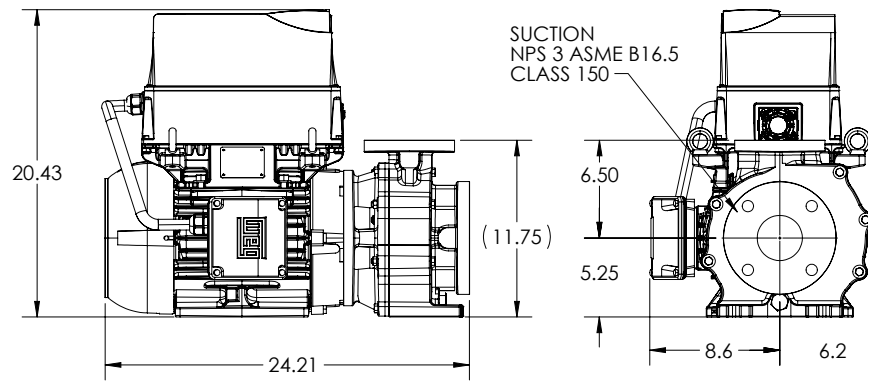


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The GENESYS® 3x2-6 recessed/vortex impeller pump combines MDM's proven fiberglass reinforced polymer pump platform with recessed impeller technology for reliable solids handling. Available in vinyl ester or polyester composites with the option for no wetted metal parts, it provides excellent corrosion resistance and compatibility with aggressive chemistries. Its vortex impeller creates gentle, low-shear pumping ideal for sensitive biological materials such as algae, microplankton, and bio-solids. The Vortex impeller design also handles light slurries and suspended solids in wastewater, process water, aquaculture, aquarium filtration, and LSS mammal pool applications. Its compact, corrosion-resistant design helps reduce clogging and product damage while delivering durable performance across biological, industrial, and water treatment processes.

- 44 gpm [POR - 850 rpm]
- 156 gpm [POR - 1750 rpm]
- 26 Feet Head Shut-Off
- Peak Efficiency 65%
- ANSI/ASME - B73lean
- Highly Corrosion Resistant Proprietary FRP Formulation

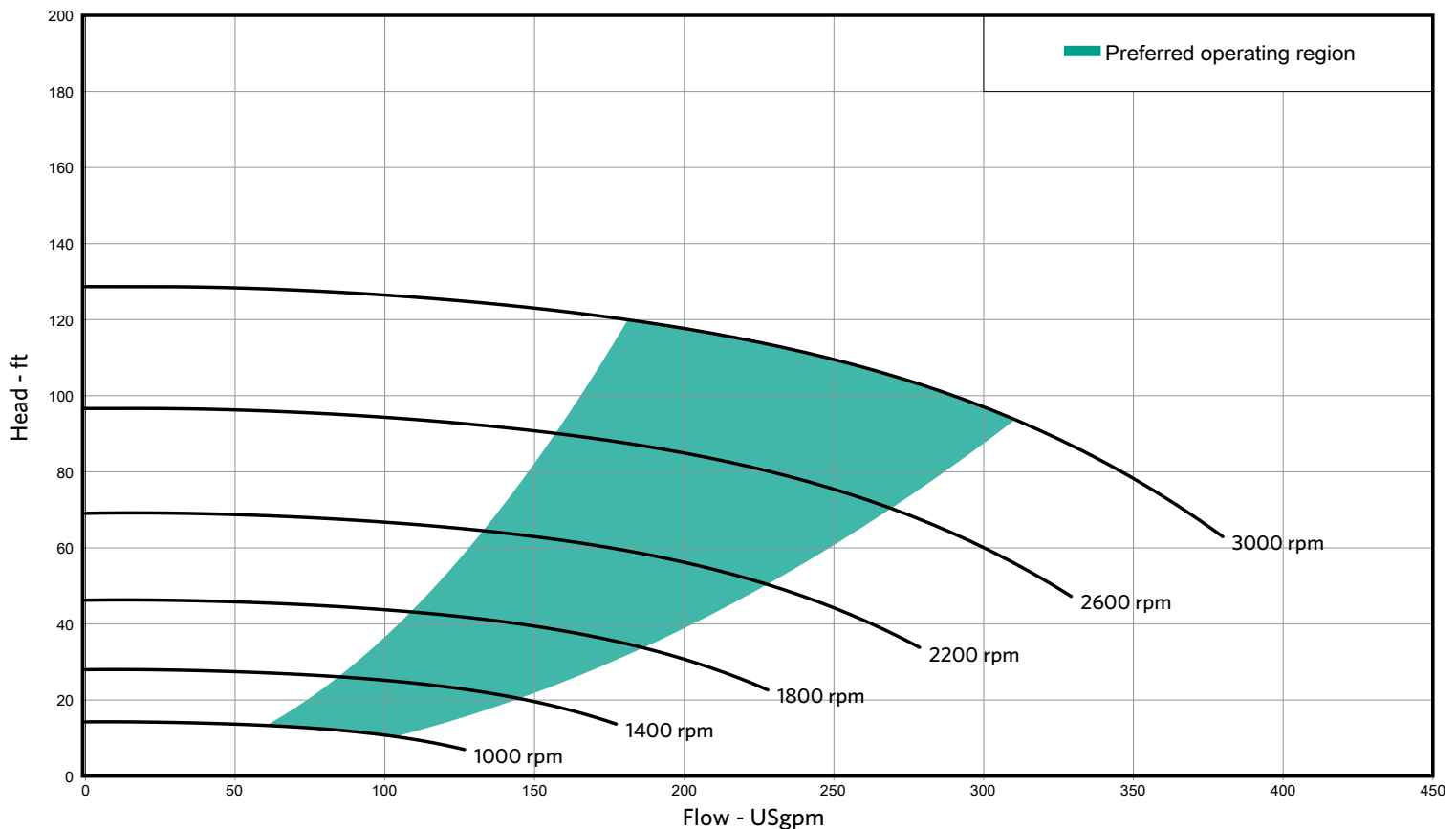




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The highly versatile GENESYS® 3X2-6 NEMA JM WEG CFW500 IMD-60HZ is engineered to deliver exceptional hydraulic performance, chemical compatibility, and long-term reliability in demanding industrial environments while providing economic benefits of proven compact integrated motor drive (IMD) technology. WEG's CFW500 decentralized VSD technology is a disruptive first to market like the Genesys pump case it's configured to. Advanced bulk-mold-compound polymer pump casing and IP65 drive housing features zero wetted-metal components, providing superior resistance to corrosive chemicals and aggressive process fluids while maximizing the cost benefits of decentralized automation controls.

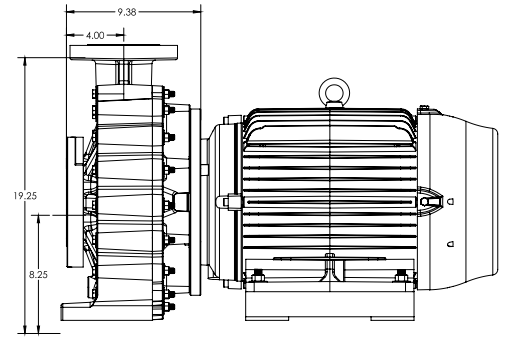
- 60gpm [POR - 1000 rpm]
- 308 [POR -3000 rpm]
- 128 Feet Head Shut-Off
- Peak Efficiency 75%
- B73lean
- Highly Corrosion Resistant Proprietary FRP Formulation





Polyester Case Material • WEG Motor

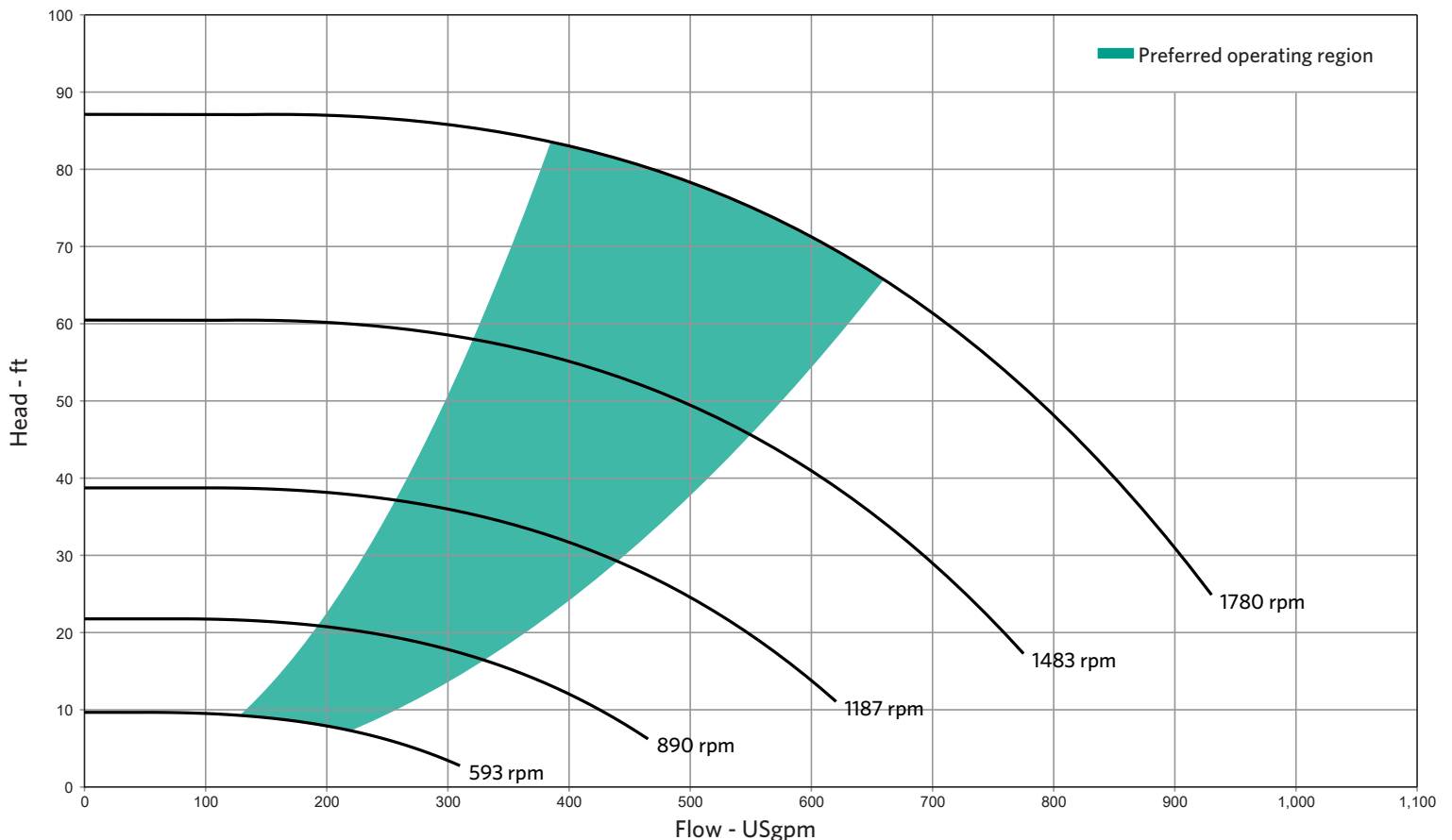
Vinyl Ester Case Material • Baldor Motor

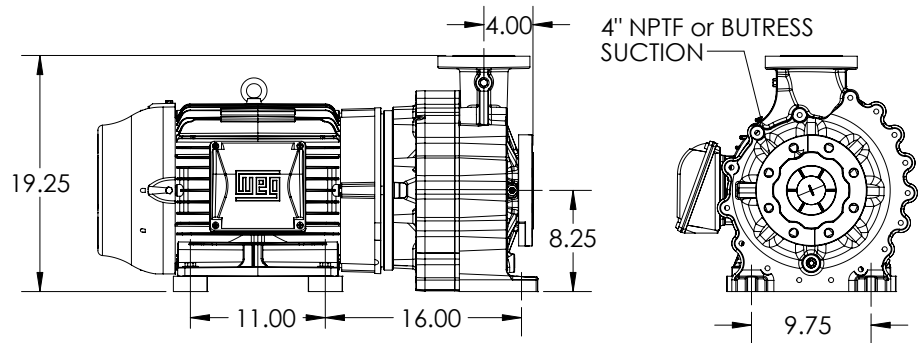
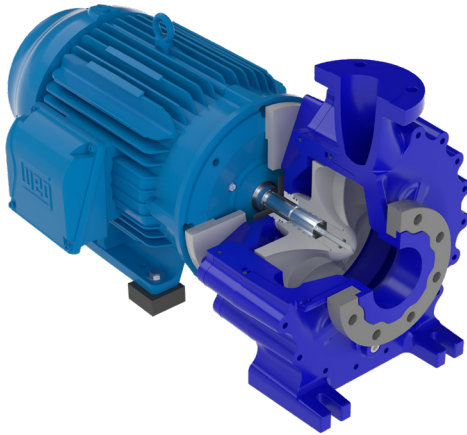


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The GENESYS® 4x3-9 vinyl ester and polyester end-suction centrifugal pump line is designed and engineered to provide highly efficient pumping solutions. The fiberglass reinforced polymer case construction with the option of no wetted metal parts gives it compatibility with many aggressive chemistries and corrosive fluids. The unique enclosed-impeller and time-tested volute design render 4 pole performance at 84% efficiency.

- 140 gpm [POR - 592 rpm]
- 650 gpm [POR - 1780 rpm]
- 87 Feet Head Shut-Off
- Peak Efficiency 84%
- ANSI/ASME - B73lean
- Highly Corrosion Resistant Proprietary FRP Formulation

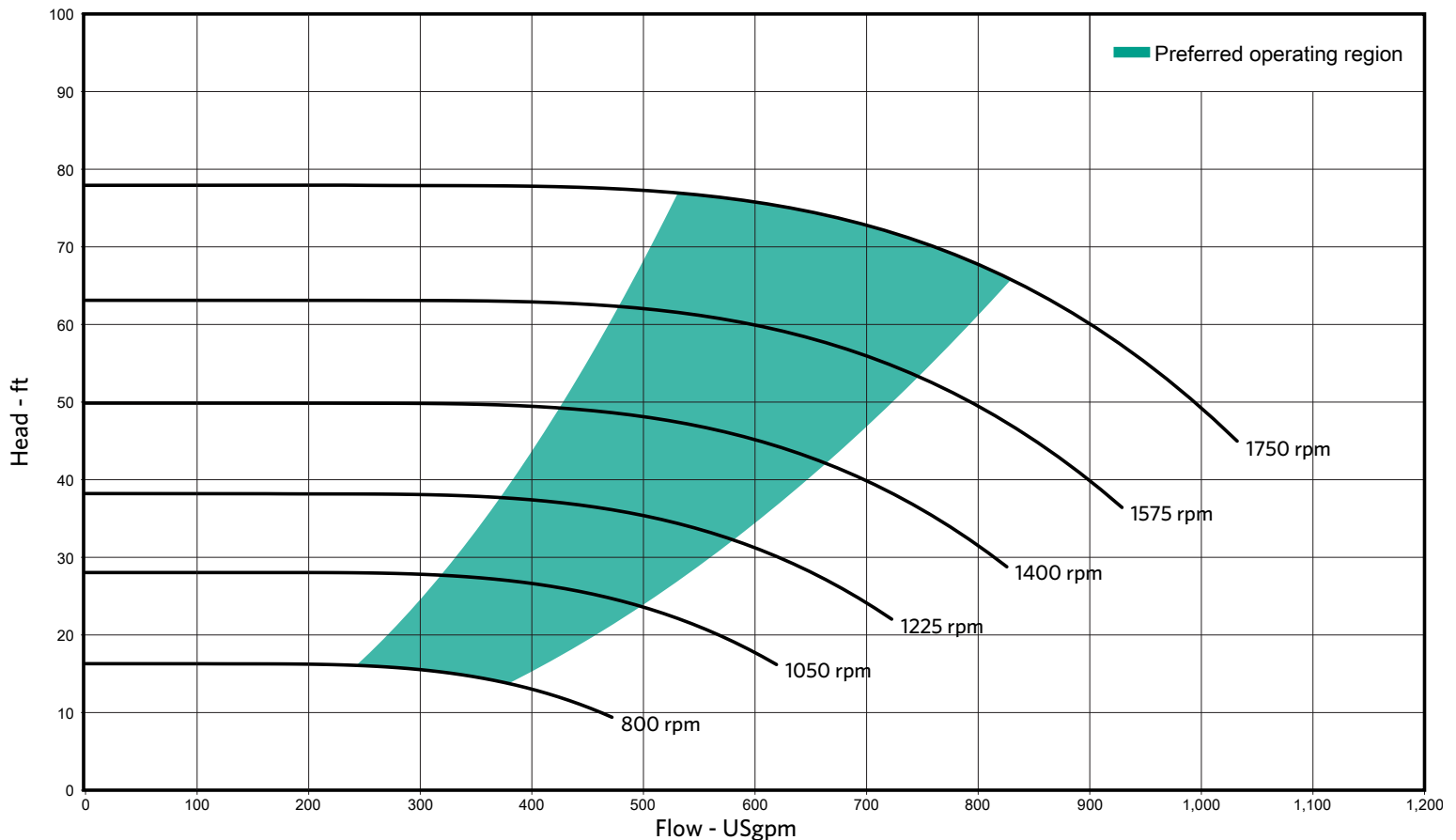


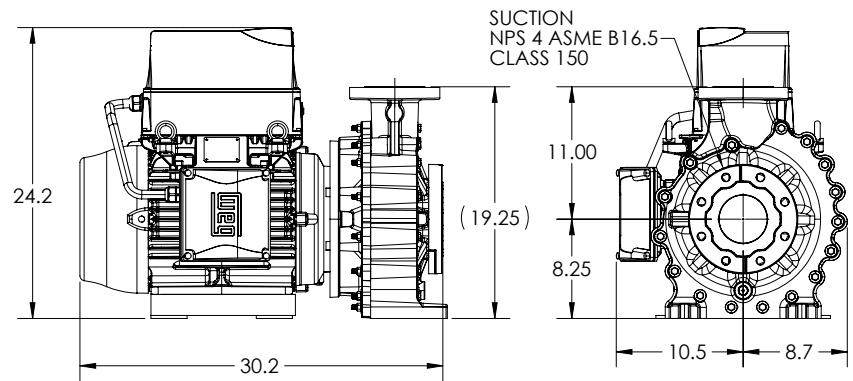


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The GENESYS® 4x3-9 recessed/Vortex Impeller Pump combines MDM's proven fiberglass reinforced polymer pump platform with recessed impeller technology for reliable solids handling. Available in vinyl ester or polyester composites with the option for no wetted metal parts, it provides excellent corrosion resistance and compatibility with aggressive chemistries. Its vortex impeller creates gentle, low-shear pumping ideal for sensitive biological materials such as algae, microplankton, and bio-solids. The Vortex impeller design also handles light slurries and suspended solids in wastewater, process water, aquaculture, aquarium filtration, and LSS mammal pool applications. Its compact, corrosion-resistant design helps reduce clogging and product damage while delivering durable performance across biological, industrial, and water treatment processes.

- 248 gpm [POR - 800 rpm]
- 828 gpm [POR - 1750 rpm]
- 78 Feet Head Shut-Off
- Peak Efficiency 64%
- ANSI/ASME - B73lean
- Highly Corrosion Resistant Proprietary FRP Formulation

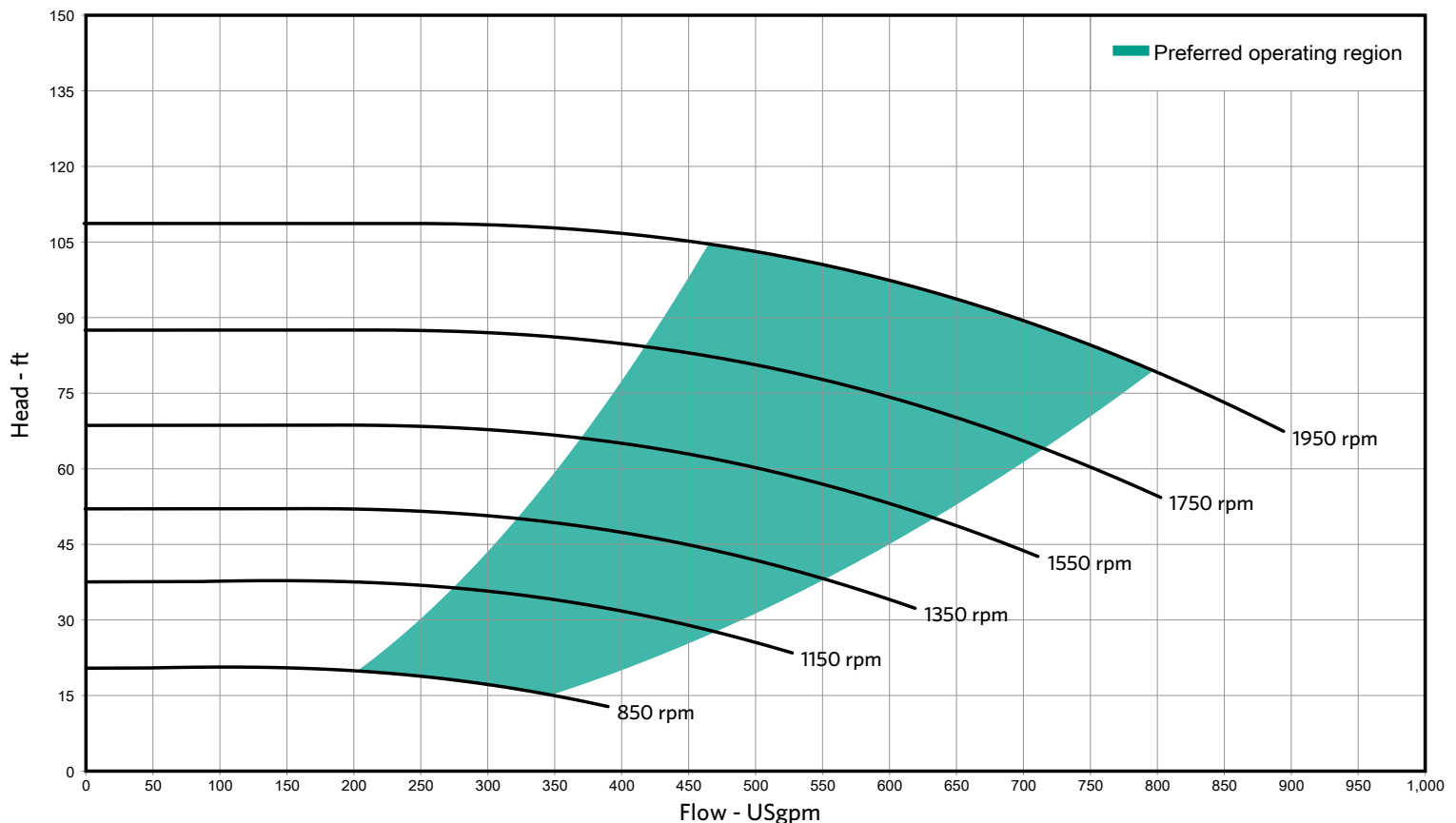




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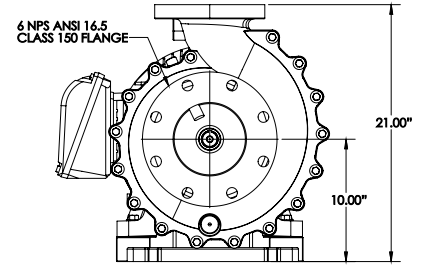
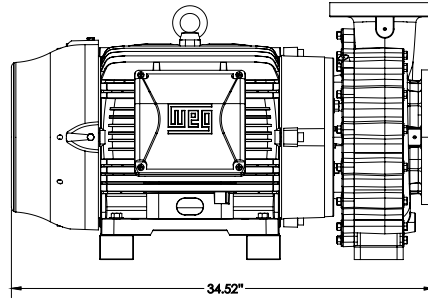
The highly versatile GENESYS® 4X3-9 NEMA JM WEG CFW500 IMD-60HZ is engineered to deliver exceptional hydraulic performance, chemical compatibility, and long-term reliability in demanding industrial environments while providing economic benefits of proven compact integrated motor drive (IMD) technology. WEG's CFW500 decentralized VSD technology is a disruptive first to market like the Genesys pump case it's configured to. Advanced bulk-mold-compound polymer pump casing and IP65 drive housing features zero wetted-metal components, providing superior resistance to corrosive chemicals and aggressive process fluids while maximizing the cost benefits of decentralized automation controls.

- 200gpm [POR - 800 rpm]
- 798gpm [POR -1950 rpm]
- 107 Feet Head Shut-Off
- Peak Efficiency 85%
- B73lean
- Highly Corrosion Resistant Proprietary FRP Formulation





Vinyl Ester Case Material • Baldor Motor



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The GENESYS® 6x4-11 non-metallic, end-suction centrifugal pump line is designed and engineered to provide highly efficient pumping solutions. The composite construction with the option of no wetted metal parts, gives it compatibility with many aggressive chemistries. The unique enclosed-impeller and time-tested volute design render 4 pole BEP performance at 80% efficiency.

- 300 gpm [POR - 592 rpm]
- 1500 gpm [POR - 1780 rpm]
- 135 Feet Head Shut-Off
- Peak Efficiency 80%
- ANSI/ASME - B73lean
- Highly Corrosion Resistant Proprietary FRP Formulation

