

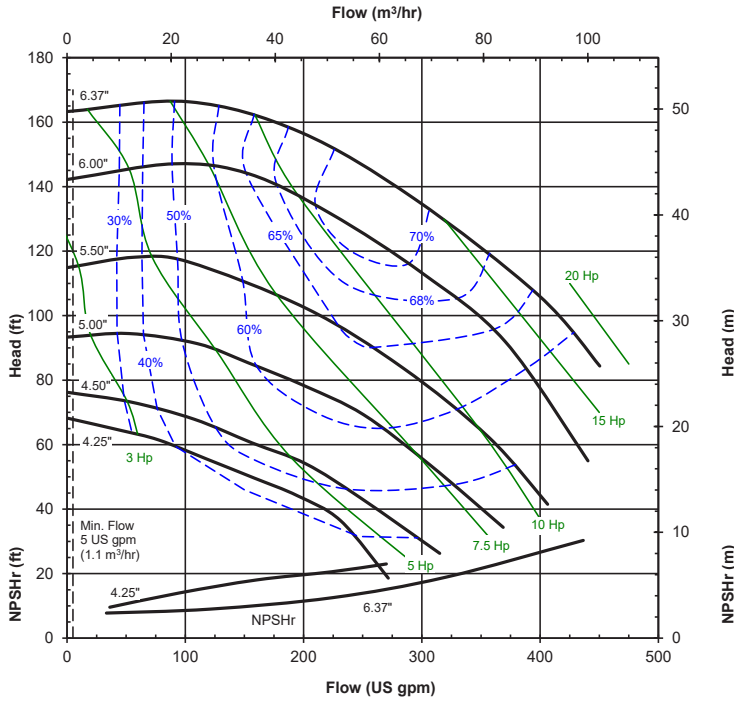


UCP SERIES

MODEL UCP326 (3X2X6 - AC)

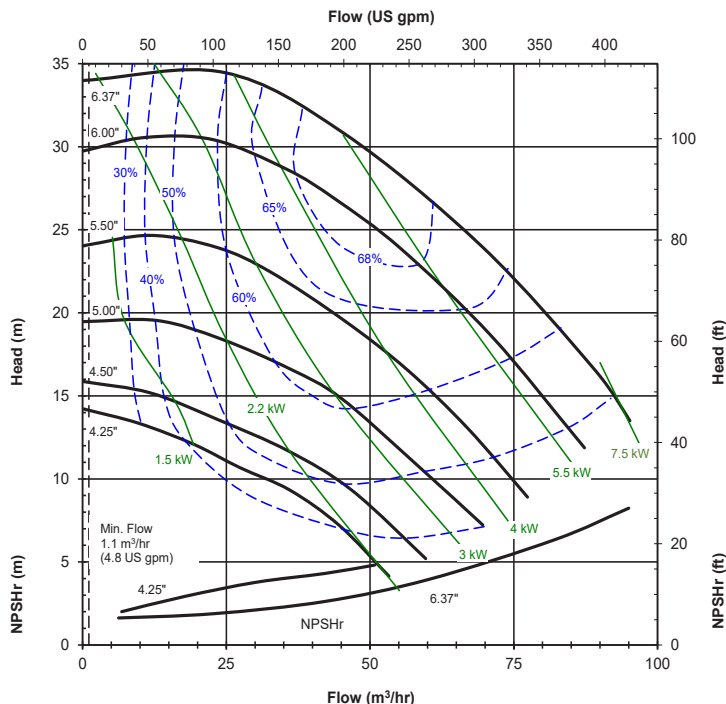


UCP326 PERFORMANCE 3500 RPM, 60 Hz



Impeller trims are available in 1/8" (.32 cm) diameter increments between all curves

UCP326 PERFORMANCE 2900 RPM, 50 Hz



Impeller trims are available in 1/8" (.32 cm) diameter increments between all curves

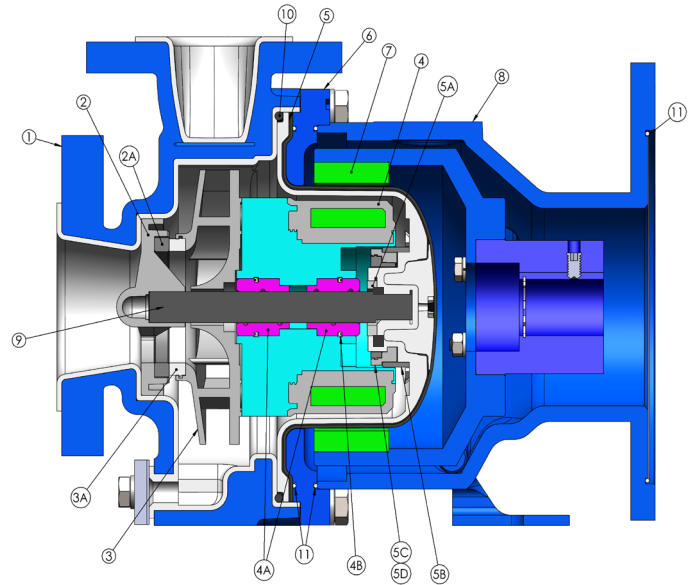
FEATURES

- UCP is designed to be a less expensive alternative to conventional ANSI dimensional mag drive pumps by combining a mixture of ETFE with polypropylene (PP) construction
- Durable, corrosion-resistant ETFE lined ductile iron casing
- Inner drive magnets are encapsulated in pure, unfilled polypropylene (PP) and 100% vacuum tested for guaranteed reliability and safety
- Impeller is glass-fiber reinforced polypropylene (PP)
- Barrier liner is glass-fiber reinforced polypropylene (PP) with a carbon fiber reinforced exterior for exceptional strength and chemical resistance against a wide variety of fluids
- Casing meets ANSI B73.1m & B73.3 for foot and flange location
- Powerful neodymium magnets for dependable, leak-free operation
- Modified concentric volute reduces radial load thrust
- Axial thrust is managed with an annular orifice and balance holes
- Dual impeller bushings greatly reduces shaft load
- Suction shaft support with integral straightening vanes
- Easy-set measurement free outer drive
- Space saving vertical operation with IEC motor
- Back pull-out design
- Exclusive vapor protection protects outer drive magnet and motor face from corrosive fumes
- Casing drain standard
- 1/2" NPT motor adapter port with stainless steel plug
- Accepts standard NEMA 143-286 or IEC 90-160 motor frames
- Maximum power 30HP/22kW
- ANSI 150, ANSI 300 or ISO PN40 flange mountable
- CE Certified



UCP SERIES

| Item # | Description | Construction |
|--------|--------------------------|--|
| 1 | Casing | Cast ductile iron, pure unfilled ETFE lined |
| 2 | Shaft support | Glass filled polypropylene (GF PP) |
| 2A | Front thrust ring | Glass filled polypropylene (GF PP) |
| 3 | Impeller | Glass filled polypropylene (GF PP) |
| 3A | Impeller thrust ring | Glass filled molybdenum disulfide-filled PTFE or alpha sintered silicon carbide |
| 4 | Inner drive | Neodymium iron boron magnets encapsulated in pure, unfilled polypropylene |
| 4A | Bushing | Carbon, Alpha sintered silicon carbide, Dri-Coat (DLC) alpha sintered silicon carbide |
| 4B | Bushing retaining ring | PTFE |
| 5 | Barrier | Molded glass filled polypropylene liner with carbon fiber reinforced exterior |
| 5A | Barrier thrust ring | Alpha sintered silicon carbide |
| 5B | Sealing ring | Glass filled molybdenum disulfide-filled PTFE |
| 5C | Sealing ring retainer | Glass filled polypropylene (GF PP) |
| 5D | Sealing ring lock | Glass filled polypropylene (GF PP) |
| 6 | Clamp ring | Powder coated ductile iron |
| 7 | Outer drive | Nickel plated neodymium iron boron magnets/ ductile iron |
| 8 | Motor adapter | Powder coated ductile iron |
| 9 | Shaft | High purity alumina ceramic, alpha sintered silicon carbide, Dri-Coat (DLC) alpha sintered silicon carbide |
| 10 | O-ring | FKM, EPDM, FEP-encapsulated FKM, Kalrez®, or Simriz® |
| 11 | Vapor Protection O-Rings | Buna N |



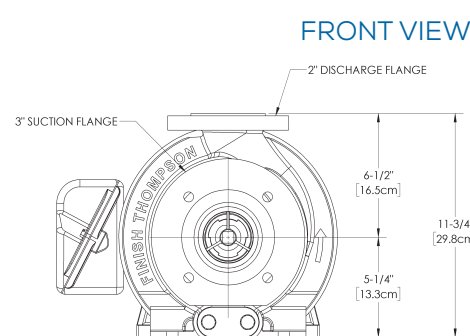
Kalrez® is a registered trademark of DuPont Performance Elastomers
 Simriz® Perfluoroelastomer is a registered trademark of Simrit® division of Freudenberg-NOK.
 Fluorosint® is a registered trademark of Quadrant DSM Engineering Plastic Products.

SPECIFICATIONS

| HP (kW) | Impeller Diameter | Suction | Discharge | Max. Flow 3500 rpm | | Max. Head 3500 rpm | | Max. Working Pressure psi (Bar) | Max. Viscosity cP | Max. Specific Gravity | Max. Temp. °F (°C) |
|---------------------|-----------------------------|----------|-----------|--------------------|--------------------|--------------------|------|---------------------------------|-------------------|-----------------------|--------------------|
| | in (cm) | | | gpm | m ³ /hr | ft. | m | | | | |
| 3 - 30 (1.1 - 22.0) | 4-1/4 - 6 3/8 (10.2 - 16.2) | 3 (7.62) | 2 (5.01) | 450 | 102 | 166.7 | 50.8 | 300 (21) | 200 | 1.8 | 180 (82) |

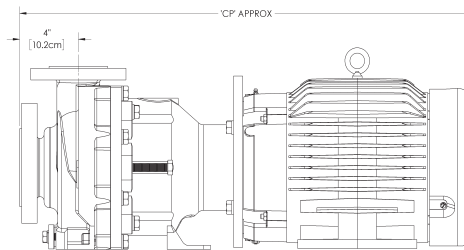
Note: Impeller trims available every 1/8" (.32 cm) between the smallest and largest diameters.

DIMENSIONS

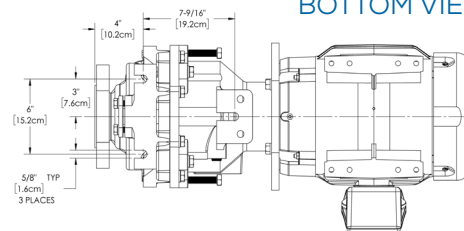


ANSI 150#, 300#, & ISO/DIN/PN40 flanges are in compliance with bolting dimensions only.

SIDE VIEW



BOTTOM VIEW



| Motor Frames | CP (approx.) | |
|--------------|--------------|------|
| | (in) | (cm) |
| NEMA | | |
| 143-145TC | 23-3/4 | 60 |
| 182/184TC | 27-13/32 | 70 |
| 213/215TC | 31-1/16 | 79 |
| 254/256TC | 35-1/16 | 89 |
| 284/286TSC | 38-13/32 | 98 |
| IEC | | |
| 90 B14/B5 | 23-25/32 | 60 |
| 100/112 B14 | 25-7/32 | 64 |
| 100/112 B5 | 27-21/32 | 70 |
| 132 B5 | 31-5/16 | 80 |
| 160 B5 | 35-1/32 | 89 |



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