



*Pumpen Intelligenz.*

# Residential Wet Rotor Circulators

## WILO Star

*Product Brochure.*

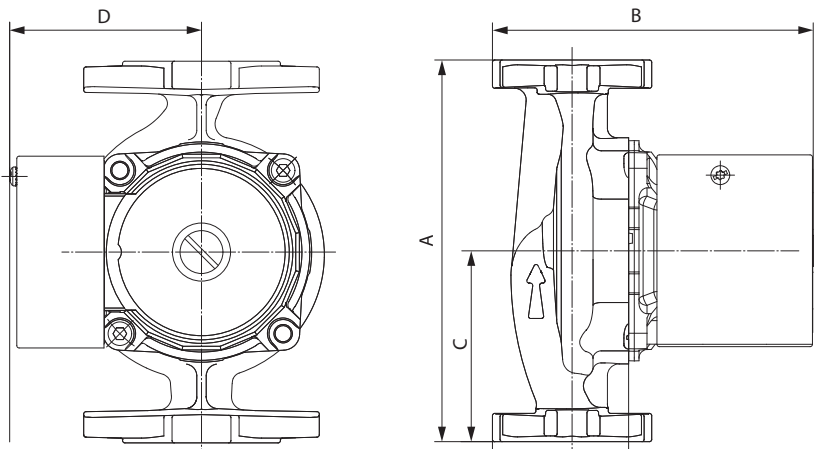


# Star Model Dimensions

Stainless Steel Shaft  
Quick Connect Wiring  
Steel Terminal Box  
Fits all Competitor's Models  
Powerful Starting Torque



Ultra Quiet  
Reliable Wet Rotor Technology  
Optional Check Valve  
Automatically Vented  
Single or 3 Speed Models



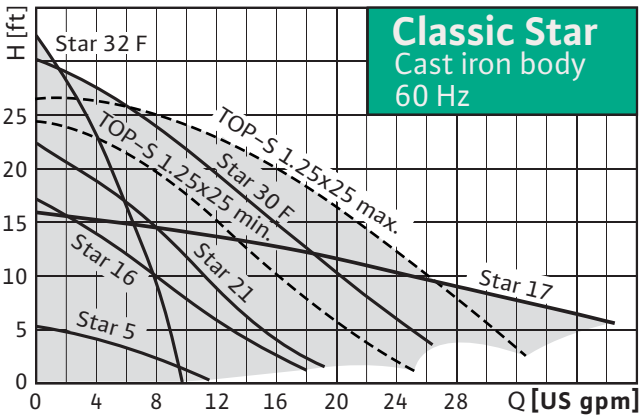
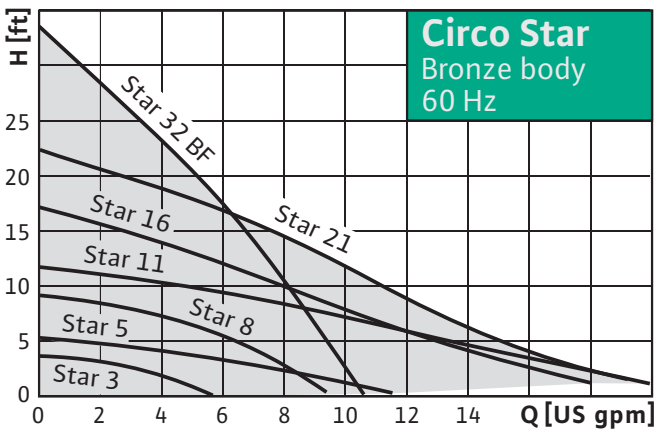
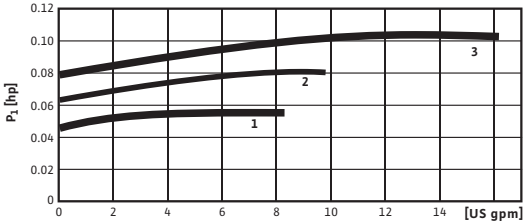
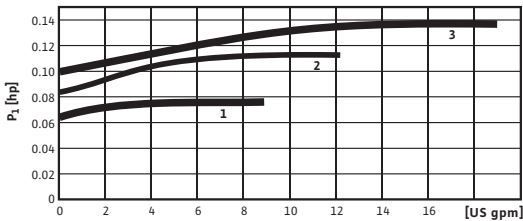
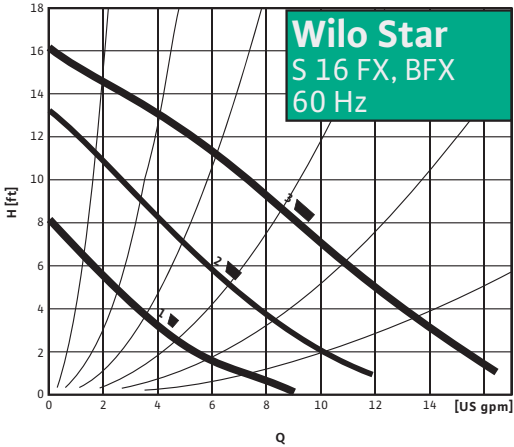
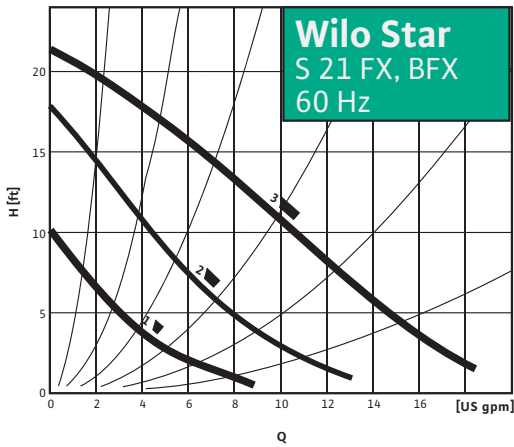
## SINGLE SPEED

| TYPE        | A              | B                | C              | D              | AMPS | WT               |
|-------------|----------------|------------------|----------------|----------------|------|------------------|
| Star 5 FX   | 6-3/8" (162mm) | 5-15/16" (150mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.46 | 6.5 lbs (3.0 kg) |
| Star 16 F   | 6-3/8" (162mm) | 5-15/16" (150mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.70 | 6.5 lbs (3.0 kg) |
| Star 16 FX  | 6-3/8" (162mm) | 5-15/16" (150mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.70 | 6.5 lbs (3.0 kg) |
| Star 21 F   | 6-3/8" (162mm) | 5-15/16" (150mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.95 | 6.5 lbs (3.0 kg) |
| Star 21 FX  | 6-3/8" (162mm) | 5-15/16" (150mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.95 | 6.5 lbs (3.0 kg) |
| Star 32 F   | 6-3/8" (162mm) | 5-3/8" (136mm)   | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.99 | 6.7 lbs (3.1 kg) |
| Star 30 F   | 6-1/2" (165mm) | 6" (153mm)       | 3-1/4" (82mm)  | 3-1/4" (82mm)  | 1.50 | 8 lbs (3.7 kg)   |
| Star 17 FX  | 8-1/2" (216mm) | 7" (176mm)       | 4-1/4" (102mm) | 3-2/9" (76mm)  | 1.70 | 10 lbs (4.6 kg)  |
| Star 32 BF  | 6-3/8" (162mm) | 5-3/8" (136mm)   | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.99 | 6.7 lbs (3.1 kg) |
| Star 5 BFX  | 6-3/8" (162mm) | 5-15/16" (150mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.46 | 6.5 lbs (3.0 kg) |
| Star 16 BFX | 6-3/8" (162mm) | 5-15/16" (150mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.70 | 7.2 lbs (3.2 kg) |
| Star 21 BFX | 6-3/8" (162mm) | 5-15/16" (150mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.95 | 7.1 lbs (3.2 kg) |
| Star 3 BS 5 | 5" (127mm)     | 4-15/16" (125mm) | 2-1/2" (64mm)  | 3-3/16" (81mm) | 0.46 | 6.5 lbs (3.0 kg) |
| Star 3 BS 7 | 5" (127mm)     | 4-15/16" (125mm) | 2-1/2" (64mm)  | 3-3/16" (81mm) | 0.46 | 5.3 lbs (2.4 kg) |
| Star 8 BS 5 | 5" (127mm)     | 4-15/16" (125mm) | 2-1/2" (64mm)  | 3-3/16" (81mm) | 0.57 | 6.5 lbs (3.0 kg) |
| Star 8 BS 7 | 5" (127mm)     | 4-15/16" (125mm) | 2-1/2" (64mm)  | 3-3/16" (81mm) | 0.57 | 5.3 lbs (2.4 kg) |
| Star 5 BU   | 6" (130mm)     | 5-1/8" (130mm)   | 3" (76mm)      | 3-3/16" (81mm) | 0.46 | 6.5 lbs (3.0 kg) |
| Star 11 BU  | 6" (130mm)     | 5-1/8" (130mm)   | 3" (76mm)      | 3-3/16" (81mm) | 0.57 | 6.5 lbs (3.0 kg) |

## 3 SPEED

| TYPE          | A              | B              | C              | D              | AMPS     | WT               |
|---------------|----------------|----------------|----------------|----------------|----------|------------------|
| Star S 16 F   | 6-3/8" (162mm) | 6-3/8" (162mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.66 max | 6.5 lbs (3.0 kg) |
| Star S 16 FX  | 6-3/8" (162mm) | 6-3/8" (162mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.66 max | 6.5 lbs (3.0 kg) |
| Star S 16 BFX | 6-3/8" (162mm) | 6-3/8" (162mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.66 max | 7.0 lbs (3.2 kg) |
| Star S 21 F   | 6-3/8" (162mm) | 6-3/8" (154mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.92 max | 6.5 lbs (3.0 kg) |
| Star S 21 FX  | 6-3/8" (162mm) | 6-3/8" (154mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.92 max | 6.5 lbs (3.0 kg) |
| Star S 21 BFX | 6-3/8" (162mm) | 6-3/8" (162mm) | 3-3/16" (81mm) | 3-3/16" (81mm) | 0.92 max | 7.1 lbs (3.2 kg) |

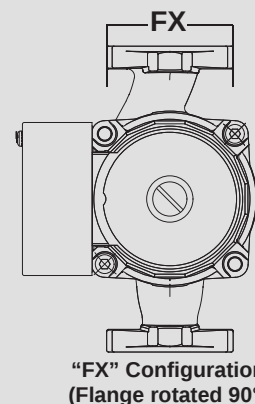
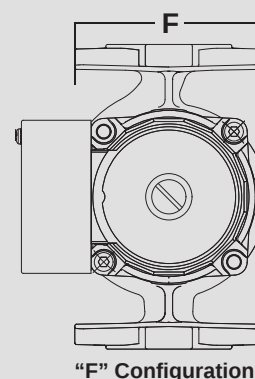
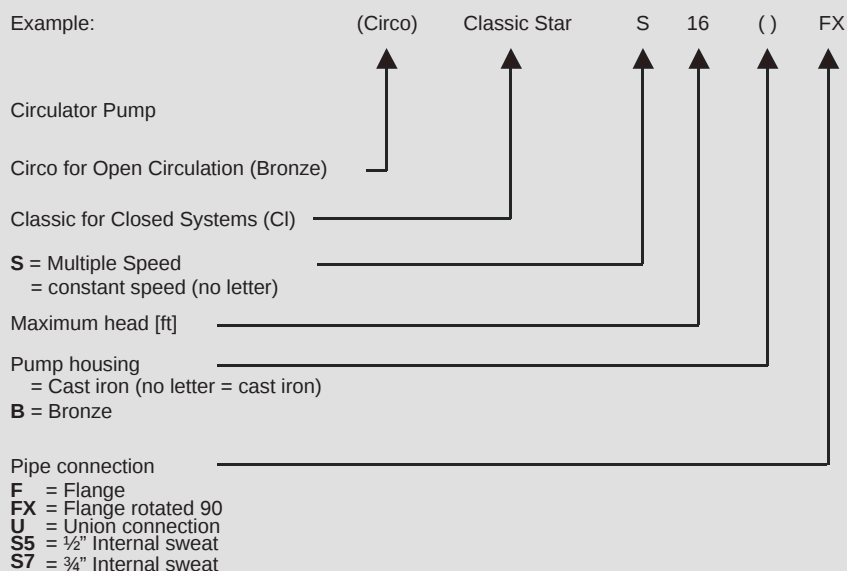
# Performance Curves



# Model Number Designation

## Type Key

Example:



## WILO Check Flange

- ✓ Fits all WILO residential flanged circulators
- ✓ Easy to clean
- ✓ Easy to remove air locks
- ✓ Cost effective
- ✓ Farther away from turbulent water



WILO Check Flange

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