



wilo® Star Residential Wet Rotor Circulators

The **Wilo Star** is used in a wide variety of residential applications that include hot water heating systems, cold water, air-conditioning systems, water/glycol concentrations up to 50%, solar and geothermal. This cast iron circulator family has a max of 1/6 HP.

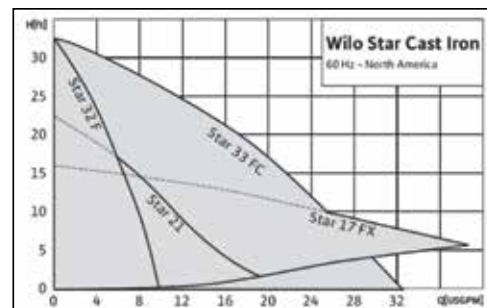


Features:

- Reliable wet rotor – less maintenance
- Quick-connect Wiring
- Powerful starting torque
- Ultra-quiet

Technical Data:

- Maximum Temperature Range: 14°F. to 230° F.
- Maximum Ambient Temperature Range: 104°F.
- Electrical Connection: 1PH, 115V
- Maximum Working Pressure: 140 PSI



Part No.	Description	HP	Power	Wt.
WO 4171560	* Rotating 3/4" – 1-1/2" Two Bolt Flange, S21RFC, 3 Speed	1/12	1 PH, 115V	6.5 lbs.
WO 4090765	3/4" – 1-1/2" Two-Bolt Flange, S21FX, 3 Speed	1/12	1 PH, 115V	6.5 lbs.
WO 4105032	3/4" – 1-1/2" Two-Bolt Flange, S21F, 3 Speed	1/12	1 PH, 115V	6.5 lbs.
WO 4190420	3/4" – 1-1/2" Two-Bolt Flange, S33FC, 3 Speed	1/6	1PH, 115V	8 lbs.
WO 2763362	3/4" – 1-1/2" Two-Bolt Flange, S33FC, 3 Speed	1/6	1PH, 230V	8 lbs.
WO 4095807	3/4" – 1-1/2" Two-Bolt Flange, 30F, Single Speed	1/10	1PH, 115V	11 lbs.
WO 4090770	3/4" – 1-1/2" Two-Bolt Flange 32F, Single Speed	1/12	1PH, 115V	7 lbs.
WO 4100870	† 1-1/4" – 1-1/2" HV Flange, 17FX, Single Speed	1/10	1PH, 115V	11 lbs.

* U.S. Patent † Use HV Flanges Below.

5% Discount on 3+ Pumps of One Size

FLANGES

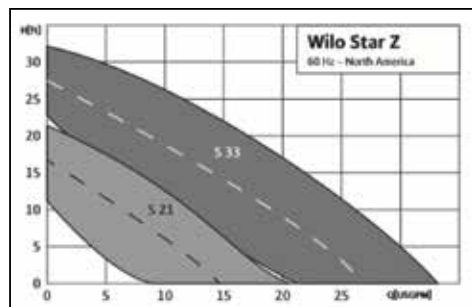
Part No.	Description
WO 2706062	3/4" FNPT Flange Kit, (2) Flanges, (4) Nuts, (4) Bolts, (2) Gaskets
WO 2706063	1" FNPT Flange Kit, (2) Flanges, (4) Nuts, (4) Bolts, (2) Gaskets
WO 2706064	1-1/4" 2" FNPT Flange Kit, (2) Flanges, (4) Nuts, (4) Bolts, (2) Gaskets
WO 2706065	1-1/2" FNPT Flange Kit, (2) Flanges, (4) Nuts, (4) Bolts, (2) Gaskets
WO 2705104	1-1/4" HV Cast Iron Flange Kit – (2) Flanges, (4) Nuts, (4) Bolts, (2) Gaskets
WO 2705026	1-1/2" HV Cast Iron Flange Kit – (2) Flanges, (4) Nuts, (4) Bolts, (2) Gaskets



wilo® Star Z & Star ZFX Wet Rotor Circulators

The **Wilo Star Z** boasts a lead-free stainless-steel volute and is used in a variety of applications such as potable water systems, air-conditioning systems, open systems for heating or cooling, industrial circulation, water/glycol concentrates up to 50% and solar/geothermal uses.

Features: Reliable wet rotor technology • Quick-connect wiring • Powerful starting torque • Ultra-quiet • Less than .25% lead content.



Technical Data:

- Maximum Temperature Range: 14°F. to 230° F.
- Maximum Ambient Temperature Range: 104°F.
- Electrical Connection: 1PH, 115V
- Maximum Working Pressure: 140 PSI
- Maximum Flow: 33 GPM
- Maximum Head: 33 FT

Materials of Construction:

- Lead-Free stainless steel volute
- Stainless steel volute & shaft
- Composite impeller
- Metal impregnated carbon bearing



Part No.	Description	HP	Power	Wt.
WO 2760525	Star Z , 3/4" to 1-1/2" Two Bolt Flange	1/6	1 PH, 115V	7.7 lbs.
WO 4190427	Star ZFX , Rotated 90°, 3/4" to 1-1/2" Two Bolt Flange	1/6	1 PH, 115V	6.5 lbs.

* All Flanges Sold Separately.

5% Discount on 3+ Pumps of One Size

LEAD-FREE BRONZE FLANGE KITS

Part No.	Description
WO 2760190	3/4" FNPT Flange Kit, (2) Flanges, (4) Nuts, (4) Bolts, (2) Gaskets
WO 2760191	1" FNPT Flange Kit, (2) Flanges, (4) Nuts, (4) Bolts, (2) Gaskets
WO 2760192	1-1/2" FNPT Flange Kit, (2) Flanges, (4) Nuts, (4) Bolts, (2) Gaskets