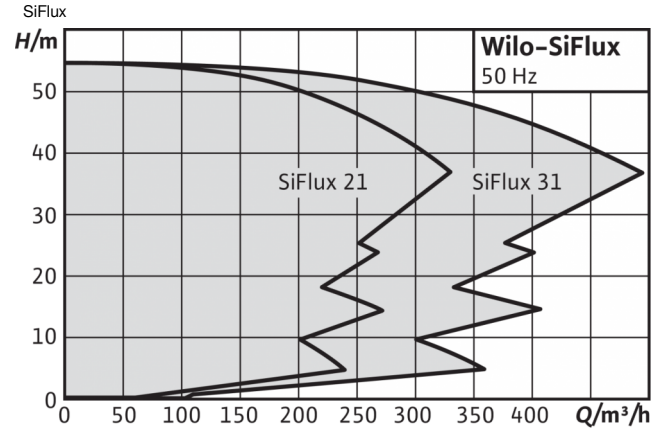


Series description: Wilo-SiFlux

Wilo-SiFlux



Similar to figure



Design type

High-efficiency, fully automatic, ready for connection multi-pump system for the implementation of larger volume flows in heating, cold water and cooling systems. 3 to 4 parallel-switched, electronically controlled inline pumps in glanded design of the series Veroline-IP-E or CronoLine-IL-E. One pump in each case as standby pump. Including Smart Controller SCe.

Application

For pumping heating water (in accordance with VDI 2035), water-glycol mixtures and cooling and cold water without abrasive substances in heating, cold water and cooling water systems

Equipment/function

- Per system 3-4 pumps of the series Veroline-IP-E oder CronoLine-IL-E, 2 or 3 of them in operation, 1 as standby pump
- IE2 standard motor
- Automatic pump control via Smart Controller SCe
- Parts that come in contact with the fluid are corrosion-resistant
- Base frame made of galvanised steel, with height-adjustable vibration absorbers for insulation against structure-borne noise
- Distributor steel, with corrosion-resistant coating
- Flanges PN 16 according to EN 1092-2 on pressure and suction side for connection to the pipe network
- Premounted seals on pressure and suction side
- Shut-off valves on the suction and pressure side
- Non-return valve on the pressure side
- Differential pressure sensor
- Pressure gauge on pressure and suction side each

Scope of delivery

- Multi-pump system Wilo-SiFlux
- Wilo-SiFlux installation and operating instructions
- Pump installation and operating instructions
- Switchgear installation and operating instructions

Type key

Example:	Wilo-SiFlux-21-IP-E 40/120-1.5/2-SC-16-T4
SiFlux	Product family
21	Version (21= 2+1 pumps: 2 pumps in operation, 1 standby pump)
IP-E 40/120-1.5/2	Electronically controlled 2-pole Type IP-E in-line pump, nominal diameter of the pipe connection DN 40, nominal impeller diameter 120 mm, 1.5 kW rated motor power P2
SC	Switchgear type SC...
16	Maximum operating pressure in bar
T4	Power supply 3~400 V, 50 Hz

Special features/product advantages

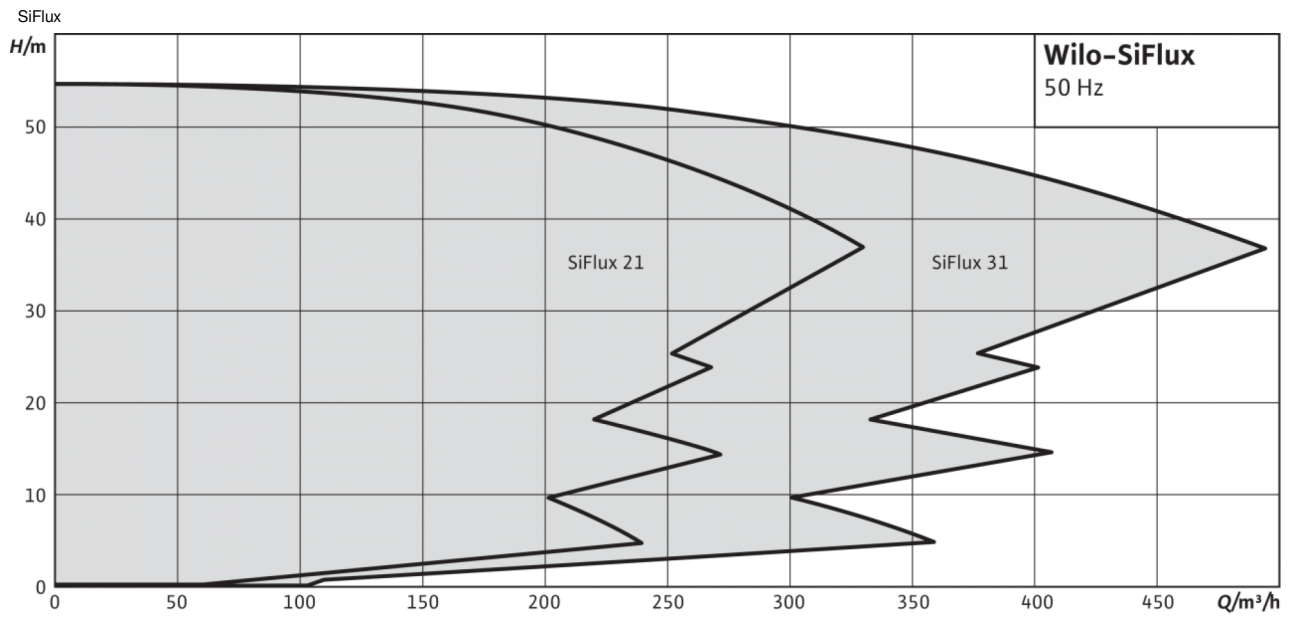
- Rapid, easy installation with pre-installed system. Troubleshooting minimised as a result.
- Energy-saving: Operation in partial load range in accordance with current demand.
- Reliable system thanks to intermatched components.
- Compact design, good accessibility of all components.
- Everything from a single source. Less need for clarification at time of procurement.

Series description: Wilo-SiFlux

Technical data

- Pump type: VeroLine-IP-E or CronoLine IL-E
- Number of pumps: 2 + 1 or 3 + 1 (2 or 3 pumps in operation, 1 standby pump each)
- Mains connection: 3~230/400 V, 50 Hz \pm 10%
- Efficiency class motor: IE2
- Permitted fluids: Heating water (in accordance with VDI 2035), water-glycol mixtures, cooling and cold water (other fluids on request)
- Volume flow: 50 to 360 m³/h
- Delivery head: 45 m
- Storage temperature: -10° C to +50° C
- Perm. ambient temperature: 0° C to +40° C
- Perm. fluid temperature: 0° C to +100° C
- Distributor piping connections: DN 125 to DN 300
- flange: PN 16, drilled according to EN 1092-2
- Max. permissible operating pressure: 10 bar with VeroLine-IP-E pumps, 16 bar with CronoLine-IL-E pumps

Duty chart: Wilo-SiFlux



Product list: Wilo-SiFlux

Product description	Mains connection	Maximum operating pressure <i>PN</i>	Control	Gross weight, approx. <i>m</i>	Article number
SiFlux 31-IP-E 80/110-4/2-SC-10-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1532.0 kg	4196556
SiFlux 21-IP-E 80/110-4/2-SC-10-T4	3~440 V, 50 Hz	10 bar	With frequency converter	1224.0 kg	4196555
SiFlux 31-IL-E 80/200-22/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	2590.0 kg	4189245
SiFlux 31-120-IL-E 80/160-11/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	2379.0 kg	4189244
SiFlux 31-IL-E 80/140-7,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	2109.0 kg	4189243
SiFlux 21-IL-E 80/200-22/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	2069.0 kg	4189242
SiFlux 21-120-IL-E 80/160-11/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1912.0 kg	4189241
SiFlux 21-IL-E 80/140-7,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1709.0 kg	4189240
SiFlux 31-IL-E 80/170-15/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	2024.0 kg	4189239
SiFlux 31-95-IL-E 80/160-11/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1997.0 kg	4189238
SiFlux 21-IL-E 80/170-15/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1596.0 kg	4189236
SiFlux 21-95-IL-E 80/160-11/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1576.0 kg	4189235
SiFlux 31-IL-E 65/160-7,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1620.0 kg	4189233
SiFlux 31-IP-E 65/130-4/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1379.0 kg	4189232
SiFlux 31-IP-E 65/120-3/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1350.0 kg	4189231
SiFlux 21-IL-E 65/160-7,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1180.0 kg	4189230
SiFlux 21-IP-E 65/130-4/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1027.0 kg	4189229
SiFlux 21-IP-E 65/120-3/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1002.0 kg	4189228
SiFlux 31-IL-E 50/180-7,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1437.0 kg	4189227
SiFlux 31-IP-E 50/150-4/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1191.0 kg	4189226
SiFlux 31-IP-E 50/130-2,2/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1137.0 kg	4189225
SiFlux 21-IL-E 50/180-7,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1058.0 kg	4189224
SiFlux 21-IP-E 50/150-4/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	873.0 kg	4189223

Product list: Wilo-SiFlux

Product description	Mains connection	Maximum operating pressure <i>PN</i>	Control	Gross weight, approx. <i>m</i>	Article number
SiFlux 21-IP-E 50/130-2,2/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	833.0 kg	4189222
SiFlux 31-IL-E 40/170-5,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	1167.0 kg	4189221
SiFlux 31-IP-E 40/160-4/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	994.0 kg	4189220
SiFlux 31-IP-E 40/120-1,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	936.0 kg	4189219
SiFlux 21-IL-E 40/170-5,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	582.0 kg	4189218
SiFlux 21-IP-E 40/160-4/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	723.0 kg	4189217
SiFlux 21-IP-E 40/120-1,5/2-SC-16-T4	3~440 V, 50 Hz	16 bar	With frequency converter	680.0 kg	4189216