

SANITARY PUMPS TYPE F 560 GS WITH PLANETARY GEAR

Recommended for transferring

Thin to medium viscosity liquids up to maximum 30.000 mPas (cP).

Typical applications

Very lightweight and easy-to-handle pump for use in the food, cosmetic and pharmaceutical industries. The sanitary pump type F 560 GS can be stripped down in no time for cleaning and/or sterilisation. The stator housing comprises a safety bar to protect containers and to allow transfer out of plastic inliners.

The sanitary pump type F 560 GS is available in special version with 3A approval: ground, polished, with a closed mechanical seal in stainless steel with sliding faces in silicium carbide (SiC).

Seal type

Mechanical seal

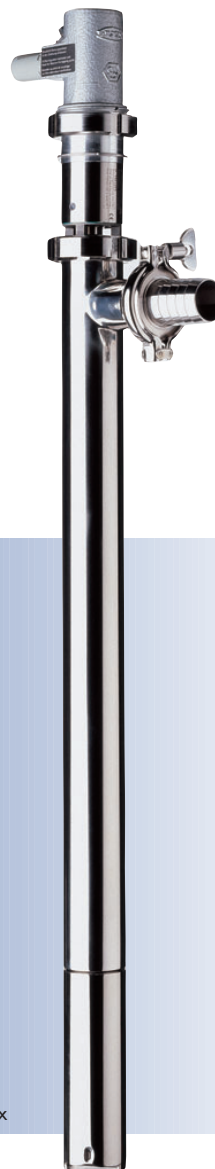
Available drive motors

Commutator motors or compressed air motors.

An infinite variable speed variator - also on explosion-proof motors - allows the operator to set pump capacity to specific delivery requirements.

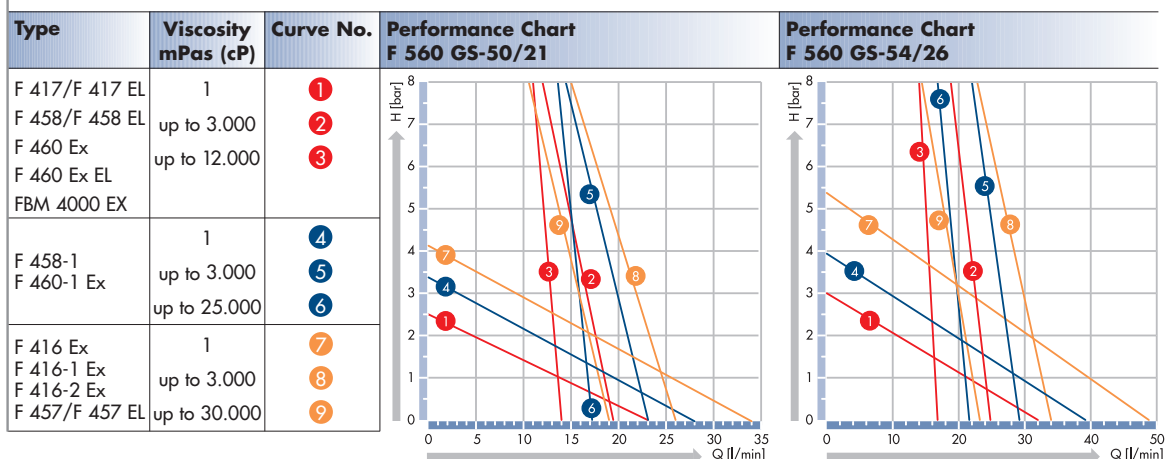
Scope of supply

A complete sanitary pump consists of: drive motor, pump, stator and hose connection.



F 560 GS3A-54/26
with air motor F 416-2 Ex

TECHNICAL DATA



Values $\pm 10\%$. Delivery rate depends on the velocity of the fluid.

SANITARY PUMPS TYPE F 560 GS WITH PLANETARY GEAR



SANITARY PUMPS TYPE F 560 GS WITH PLANETARY GEAR, WITHOUT DRIVE MOTOR

Type	F 560 GS1-50/21	F 560 GS2-50/21	F 560 GS1XA-50/21	F 560 GS2XA-50/21
Delivery rate max.	30 l/min	30 l/min	30 l/min	30 l/min
Delivery head max.	8 bar	8 bar	8 bar	8 bar
Thread on outlet	Rd 58 x 1/6	G 1 1/2 A (BSP 1 1/2" male)	Rd 58 x 1/6	G 1 1/2 A (BSP 1 1/2" male)
Seal type	mechanical seal in SiC, o-rings in FKM (foodgrade)			
Material	outer tube, torsion shaft and eccentric worm in stainless steel 316 Ti			
Outer-Ø	50 mm	50 mm	50 mm	50 mm
Stator	not included with the pump, separate part number please see list below		Stator PTFE white, included with the pump	
Explosion-proof according to Directive 94/9/EC-ATEX 100	not approved for transferring high flammability liquids in Zone 0		EC Type Examination Certificate No. PTB 99 ATEX 4052 X (Ex II 1/2 G IIA T4)	
Part No./Weight				
Immersion length 700 mm	560 20 307 /5,4 kg	560 20 407 /5,4 kg	–	–
Immersion length 1000 mm	560 20 310 /5,7 kg	560 20 410 /5,7 kg	560 21 010 /5,9 kg	560 21 110 /5,9 kg
Immersion length 1200 mm	560 20 312 /6,2 kg	560 20 412 /6,2 kg	560 21 012 /6,2 kg	560 21 112 /6,2 kg

Type	F 560 GS1-54/26	F 560 GS2-54/26
Delivery rate max.	50 l/min	50 l/min
Delivery head max.	8 bar	8 bar
Thread on outlet	Rd 58 x 1/6	G 1 1/2 A (BSP 1 1/2" male)
Seal type	mechanical seal in SiC, o-rings in FKM (foodgrade)	
Material	outer tube, torsion shaft and eccentric worm in stainless steel 316 Ti	
Outer-Ø	54 mm	54 mm
Stator	not included with the pump, separate part number please see list below	
Part No./Weight		
Immersion length 700 mm	560 22 307 /5,8 kg	560 22 407 /5,8 kg
Immersion length 1000 mm	560 22 310 /6,2 kg	560 22 410 /6,2 kg
Immersion length 1200 mm	560 22 312 /6,7 kg	560 22 412 /6,7 kg

SANITARY PUMPS TYPE F 560 GS3A IN 3A VERSION, WITHOUT DRIVE MOTOR

Type	F 560 GS3A-50/21	F 560 GS3A-54/26
Delivery rate max.	30 l/min	50 l/min
Delivery head max.	8 bar	8 bar
Thread on outlet	Clamp 2" 	Clamp 2" 
Seal type	closed mechanical seal in stainless steel, sliding faces in SiC, o-rings in FKM (foodgrade)	
Material	outer tube, torsion shaft and eccentric worm in stainless steel 316 Ti: ground and polished	
Outer-Ø	50 mm	50 mm
Stator	not included with the pump, separate part number please see list below	
Part No./Weight		
Immersion length 700 mm	560 20 707 /5,4 kg	560 22 707 /5,8 kg
Immersion length 1000 mm	560 20 710 /5,7 kg	560 22 710 /6,2 kg
Immersion length 1200 mm	560 20 712 /6,2 kg	560 22 712 /6,7 kg

STATOR IN PTFE, STATOR HOUSING IN STAINLESS STEEL WITH SAFETY BAR

Part No./Weight	Type F 560 GS1 and F 560 GS2	Type F 560 GS3A
Outer-Ø 50 mm	560 21 900 /0,6 kg	560 21 901 /0,6 kg
Outer-Ø 54 mm	560 23 900 /0,7 kg	560 23 901 /0,7 kg

HOSE CONNECTION IN STAINLESS STEEL, COMPLETE WITH UNION NUT OR CLAMP CONNECTION

Part No./Weight	Type F 560 GS1	Type F 560 GS2	Type F 560 GS3A
for flexible hose, inside Ø DN 25	959 04 115 /0,2 kg	959 04 002 /0,2 kg	–
for flexible hose, inside Ø DN 32	959 04 134 /0,3 kg	959 04 003 /0,3 kg	959 04 137 /0,4 kg
for flexible hose, inside Ø DN 38	959 04 130 /0,4 kg	959 04 004 /0,4 kg	959 04 109 /0,4 kg

Drive motors see page 17