

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).

Available drive motors

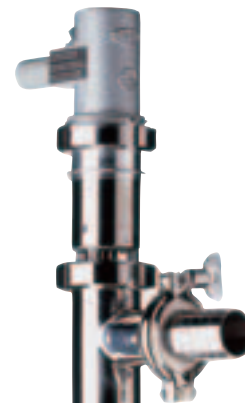
Commutator motors or compressed air motors.

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

Scope of supply

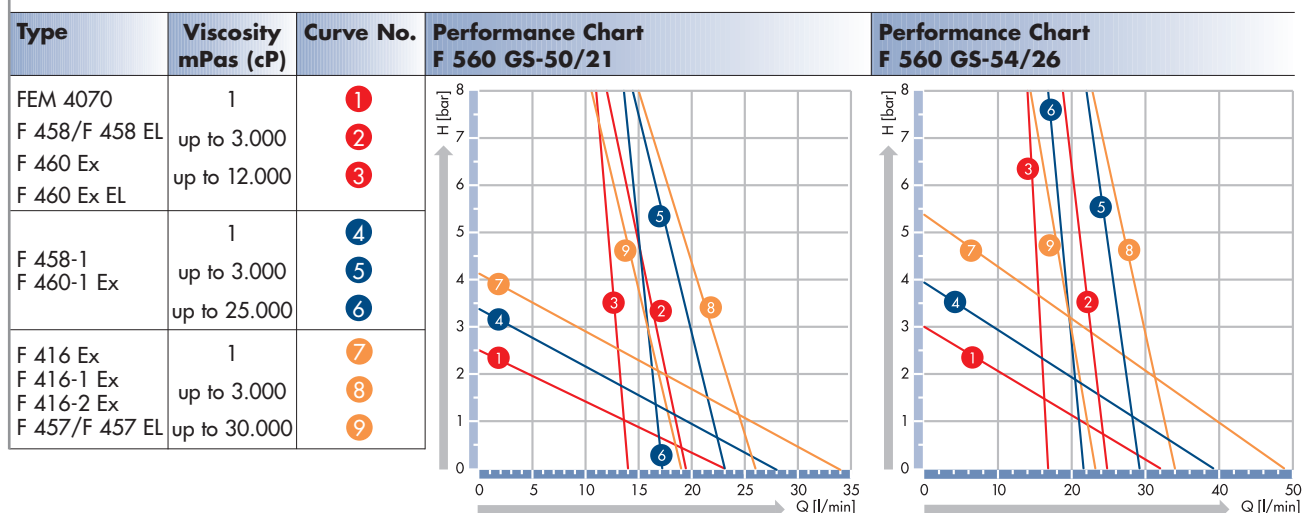
A complete sanitary pump consists of: drive motor, pump, stator and hose connection.

The type XA is delivered with stator.



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

Technical Data



Values ± 10%. Delivery rate depends on the velocity of the fluid.

Eccentric Worm-Drive Pumps in planetary gear version with mechanical seal, drive motors see page 17

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	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 ATEX-Directive 94/9/EC for use in Zone 0	not approved for transferring highly flammable 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	F 560 GS3-54/26
Delivery rate max.	50 l/min	50 l/min	50 l/min
Delivery head max.	8 bar	8 bar	8 bar
Thread on outlet	Rd 58 x 1/6	G 1 1/2 A (BSP 1 1/2" male)	Clamp 2"
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	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	560 22 507 /5,8 kg
Immersion length 1000 mm	560 22 310 /6,2 kg	560 22 410 /6,2 kg	560 22 510 /6,2 kg
Immersion length 1200 mm	560 22 312 /6,7 kg	560 22 412 /6,7 kg	560 22 412 /6,7 kg

Eccentric Worm-Drive Pumps Type F 560 GS3A in 3A Version, drive motors see page 17

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	54 mm
Stator	stator in PTFE included with the pump	
Part No./Weight		
Immersion length 700 mm	560 24 107 /5,4 kg	560 25 107 /5,8 kg
Immersion length 1000 mm	560 24 110 /5,7 kg	560 25 110 /6,2 kg
Immersion length 1200 mm	560 24 112 /6,2 kg	560 25 112 /6,7 kg

Stator in PTFE, Stator Housing in Stainless Steel with Safety Bar and Inliner

Type F 560 GS1, GS2 and GS3	Part No./Weight
Outer-Ø 50 mm	560 21 900 /0,6 kg
Outer-Ø 54 mm	560 23 900 /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 GS3 and 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