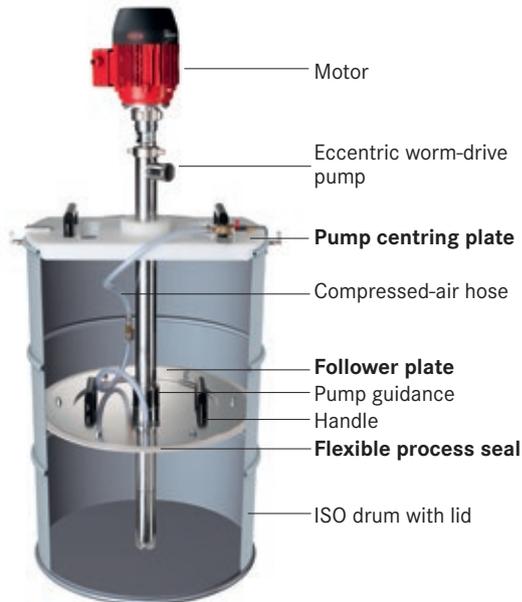


VISCOFLUX lite



Advantages / Characteristics

- ▶ For transfer of higher-viscosity media which are just capable of flowing
- ▶ For drums with an inner diameter of 22.5" (571.5 mm) and sea container drums
- ▶ Less than 1 % residue in the drum
- ▶ Consisting of pump centring plate, follower plate with process seal
- ▶ Requires little space
- ▶ Mobile for easy transport to the drum
- ▶ Easy to assemble due to only a few components
- ▶ Follower plate for air-tight sealing of the medium
- ▶ For the use with FLUX eccentric worm-drive pumps
- ▶ Versions available for the use in hazardous areas zone 0/1



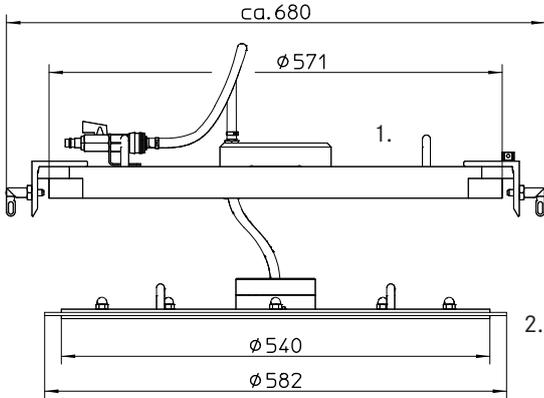
Technical data/version	VISCOFLUX lite	VISCOFLUX lite Ex
For drums	55 Gal (200 L), ISO drums	55 Gal (200 L), ISO drums, sea container drums
Dimensions	Inner Ø 22.5" (571.5 mm)	Inner Ø 22.5" (571.5 mm) top Ø 21.26" (540 mm) bottom Ø 22.48" (571 mm)
Components	Pump centring plate, follower plate + process seal	
Ex-marking	-	II 1 G IIB TX
Air-connection	Quick coupling type 26 (87-116 PSIG (6-8 bar))	
Materials		
Pump centring plate	PE	PE conductive
Handles	Duroplast FS 31	Stainless steel 316 Ti
Compressed-air hose	PVC	PA conductive
Follower plate	Stainless steel 1.4404/316 Ti (6 hole pattern)	Stainless steel 1.4404/316 Ti Pump guidance PE conductive (5 hole pattern)
Process seal	NBR white / NBR black / FKM black 6 hole pattern, LK 460 mm	FKM static dissipative, black NBR conductive, black EPDM conductive, black 5 hole pattern, LK 460 mm
Weight		
Pump centring plate	Approx. 14.3 lbs (6.5 kg)	Approx. 16.5 lbs (7.5 kg)
Follower plate with process seal	Approx. 28.6 lbs (13 kg)	Approx. 30 lbs (13.6 kg)
Eccentric worm-drive pumps		
Type	F 550 GS6/GS/S	F 550 GS6X/GSX/SX
With outer diameter	54 mm	50 mm
Delivery rate max. (dependent on pump, motor, medium)	13.2 GPM (50 l/min)	7.9 GPM (30 l/min)
Immersion length	39" (1000 mm)	



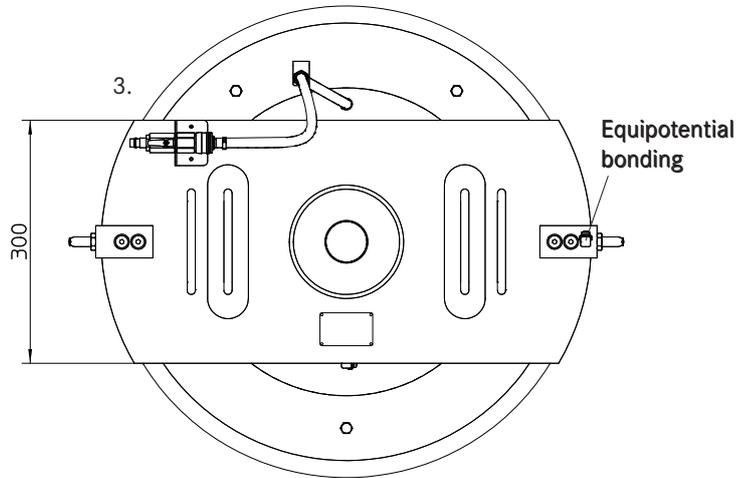
Dimensions

VISCOFLUX lite

Dimensional drawings [mm]



- 1. Pump centring plate
- 2. Follower plate with process seal
Ex version with equipotential bonding



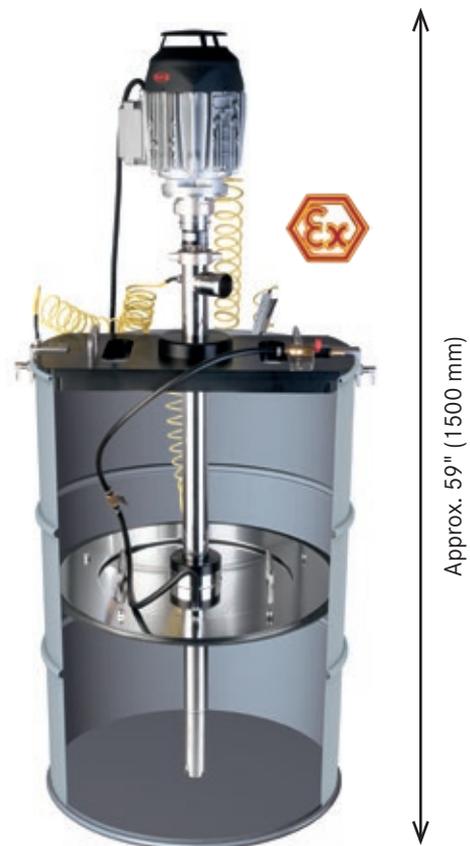
- 3. Pump centring plate
Ex version with equipotential bonding

System dimensions



Required room height for erection:
Approx. 86.6" (2200 mm), without
motor

VISCOFLUX lite Ex



System height assembled
(dependent on pump version and motor)

Part numbers

VISCOFLUX lite

VISCOFLUX lite

Description	Part no.
VISCOFLUX lite (Pump centring plate + follower plate)	001 22 310
Process seal NBR white	925 89 005
Process seal NBR black	925 89 006
Process seal FKM black	925 89 007

Recommended pumps for VISCOFLUX lite

Eccentric worm-drive pumps type F 550, **with outer diameter 54 mm** in stainless steel, with G 1 ½ A discharge connection, open mechanical seal, seal material FKM, torsion shaft, immersion length 39" (1000 mm) without hose connection, stator and stator housing.

Version	Description	Part no.
Version with planetary gear ratio 1 : 6.75	F 550 GS6-54/26 TW	550 23 301
Version with planetary gear ratio 1 : 15.9	F 550 GS-54/26 TW	550 25 676
Version with bearing flange	F 550 S-54/26 TW	550 25 652

Compatible stators

Version	Part no.
NBR black (incl. stator housing)	550 25 620
NBR white (incl. stator housing)	550 25 621
FKM black (incl. stator housing)	550 25 619

Compatible motors

For pump version	Description	Technical Data	Part no.
Version with planetary gear ratio 1 : 6.75	Three-phase motor F 403/2	0.55 kW, 2850 rpm	403 01 021
Version with planetary gear ratio 1 : 15.9	Commutator motor F 457	800 Watt, with low-volt protection	457 01 039
Version with bearing flange	Three-phase motor	0.75 kW, 930 rpm	001 01 030

Other pump versions, motors and accessories on request

Part numbers

VISCOFLUX lite Ex

VISCOFLUX lite Ex



Description	ISO drums	Sea container drums
	Part no.	Part no.
VISCOFLUX lite Ex (Pump centring plate + follower plate)	001 22 370	001 22 400
Process seal FKM static dissipative	925 89 048	925 89 054
Process seal NBR, conductive	925 89 049	925 89 055
Process seal EPDM, conductive	925 89 050	925 89 056
Process seal consists of	Process seal Ø 582 x 4 O-Ring Ø 50 x 4	Process seal Ø 582 x 4 Process seal Ø 540 x 4 O-Ring Ø 50 x 4

Recommended pumps for VISCOFLUX lite Ex

Eccentric worm-drive pumps type F 550, with outer diameter 50 mm

in stainless steel, with G 1 ½ A discharge connection, open mechanical seal, seal material FKM, torsion shaft, immersion length 39" (1000 mm), incl. stator (PTFE black) and stator housing (without hose connection)

Version	Description	Ex-marking	Part no.
Version with planetary gear ratio 1 : 6.75	F 550 GS6XB-50/21 TW	II 1/2 G IIB T4	550 23 221
Version with planetary gear ratio 1 : 15.9	F 550 GSXB-50/21 TW	II 1/2 G IIB T4	550 23 411
Version with bearing flange	F 550 SXB-50/21 TW	II 1/2 G IIB T4	550 23 401

Compatible motors

For pump version	Description	Technical data	Ex-marking	Part no.
Version with planetary gear ratio 1 : 6.75	Three-phase motor F 403/2 Ex	0.75 kW, 2850 rpm	II 2 G EEx e II T3	403 01 019
Version with planetary gear ratio 1 : 15.9	Commutator motor F 460-1 Ex	700 Watt, with low-volt protection	II 2 G Ex d e IIC T6 Gb	460 01 004
Version with bearing flange	Three-phase motor	0.8 kW, 930 rpm	II 2 G Ex e II T4	001 01 066

Necessary accessory

Description	Cable cross-section	Length	Part no.
Earth ground wire with grounding clamp in stainless steel (5 pieces are required for the whole system)	3 mm ²	13 ft (4 m)	931 90 023

Other pump versions, motors and accessories on request

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