

FLUX BARREL PUMPS IN STAINLESS STEEL

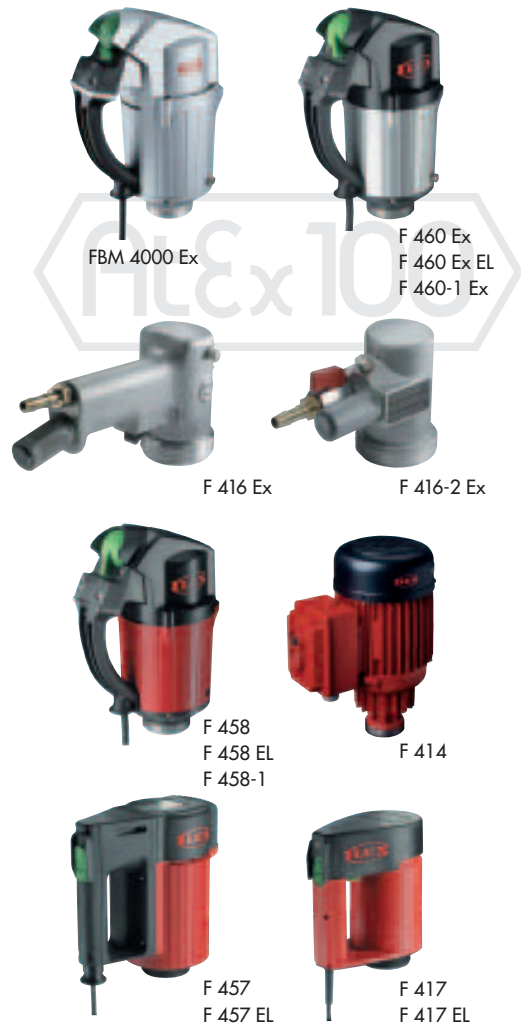
FLUX barrel pumps in stainless steel 316 Ti – except sanitary pump F 427 S – are approved according to Directive 94/9/EC-ATEX 100a for use in Zone 0, temperature class T4, for transferring high flammability liquids out of portable barrels or containers.

With the help of the performance charts you can compare the delivery rates achieved by each pump model powered by the various FLUX motors. Detailed motor data are shown on pages 21 to 31.

When using the pump with a discharge hose (of approx. 2 m) and a hand tap, the delivery rate will be approx. 70 l/min. Depending on the motor type a 200 l barrel can be emptied within 3–4 minutes.

The delivery rates shown in the performance charts are obtained at the outlet connection of the pump.

Special version for horizontal use on request.

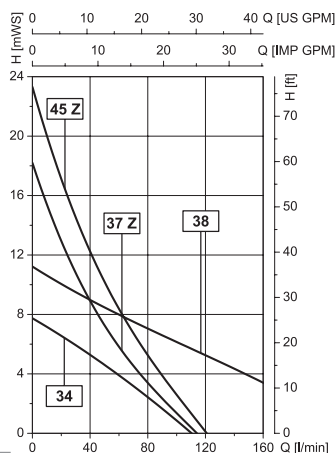


↗ This pump version will achieve a higher delivery rate!

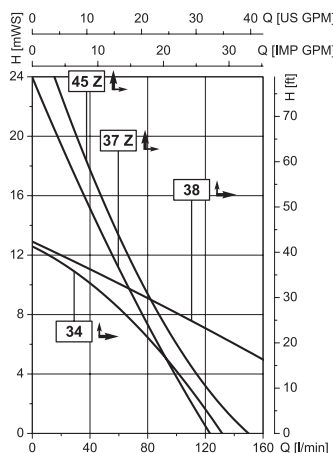
↗ This pump version will achieve a higher delivery head!

Max. viscosity per pump and motor, please see pages 32 and 33.

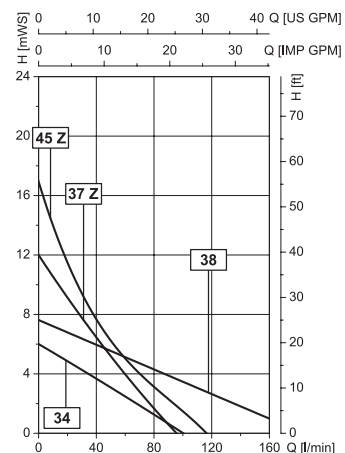
Motor FBM 4000 Ex



Motor F 416 Ex, F 416-1 Ex or F 416-2 Ex



Motor F 417 or F 417 EL



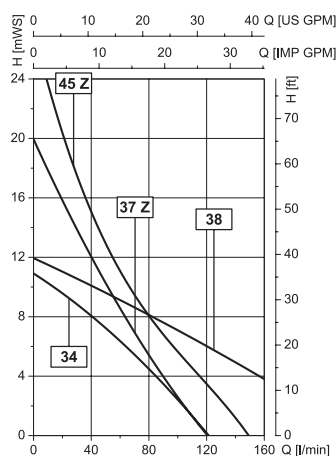
BARREL PUMP (TUBE SET) IN STAINLESS, THREAD ON OUTLET G 1 1/4 A (BSP 1 1/4" MALE), WITHOUT MOTOR

Type/Curve	F 424 S-43/38		F 424 S-43/37 Z		F 424 S-50/45 Z			
Version								
Seal type	sealless within the liquid section							
Material	shaft in stainless steel 316 Ti, impellor in ETFE, o-ring in FKM							
max. temperature	120 °C							
outer Ø	41 mm (foot piece 43 mm)		41 mm (foot piece 43 mm)		50 mm			
Part No./Weight								
Immersion length 700 mm	424 20 007/2,2 kg		424 20 107/2,2 kg		424 20 207/3,0 kg			
Immersion length 1000 mm	424 20 010/2,9 kg		424 20 110/2,9 kg		424 20 210/4,0 kg			
Immersion length 1200 mm	424 20 012/3,3 kg		424 20 112/3,3 kg		424 20 212/4,8 kg			
Typ./Kennlinie	F 425 S-41/34*		F 426 S-41/38		F 427 S3-43/38			
Version	99,98 % barrel emptying		Mixing pump		Sanitary pump			
Seal type	mechanical seal in ceramic oxide, PTFE/carbon, o-rings in FKM				sealless within the liquid selection			
Material	shaft in stainless steel 316 Ti, seal in FKM, impellor in ETFE				shaft in stainless steel 316 Ti, impellor in ETFE, o-ring in FKM			
max. temperature	120 °C				120 °C			
outer Ø	41 mm		41 mm		41 mm (foot piece 43 mm)			
Part No./Weight								
Immersion length 700 mm	425 20 008/3,0 kg		-		427 20 307/2,2 kg			
Immersion length 1000 mm	425 20 011/3,8 kg		426 20 010/3,8 kg		427 20 310/2,9 kg			
Immersion length 1200 mm	425 20 013/4,4 kg		426 20 012/4,4 kg		427 20 312/3,3 kg			
Typ./Kennlinie	F 430 S-41/38		F 430 S-41/37 Z		F 430 S-50/45 Z		F 430 S-50/38	
Version								
Seal type	mechanical seal in ceramic oxide, PTFE/carbon, o-rings in FKM							
Material	shaft in stainless steel 316 Ti, seal in FKM, impellor in ETFE							
max. temperature	120 °C							
outer Ø	41 mm		41 mm		50 mm		50 mm	
Part No./Weight								
Immersion length 700 mm	430 20 107/2,4 kg		430 20 407/2,4 kg		430 20 207/3,4 kg		430 20 307/3,4 kg	
Immersion length 1000 mm	430 20 110/3,0 kg		430 20 410/3,0 kg		430 20 210/4,5 kg		430 20 310/4,5 kg	
Immersion length 1200 mm	430 20 112/3,6 kg		430 20 412/3,6 kg		430 20 212/5,2 kg		430 20 312/5,2 kg	
Accessories	Hose connection complete with nut G 1 1/4				DN 19 Part No. 959 04 061		DN 25 Part No. 959 04 041	

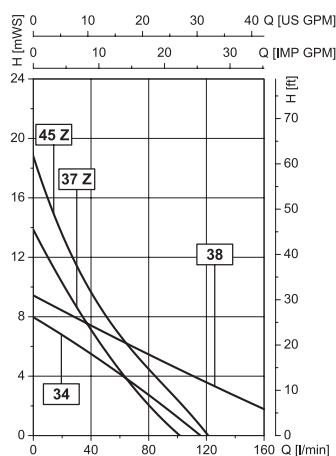
Pump models in immersion length of 200 – 3000 mm (in steps of 100 mm) on request.

* Model for higher delivery head on request.

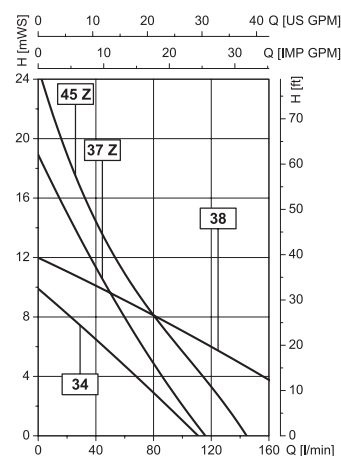
Motor F 457 or F 457 EL



Motor F 458, F 458 EL, F 460 Ex or F 460 Ex EL



Motor F 458-1 or F 460-1 Ex



Values ± 10 % with water (20 °C) and a voltage of 230 Volt.