

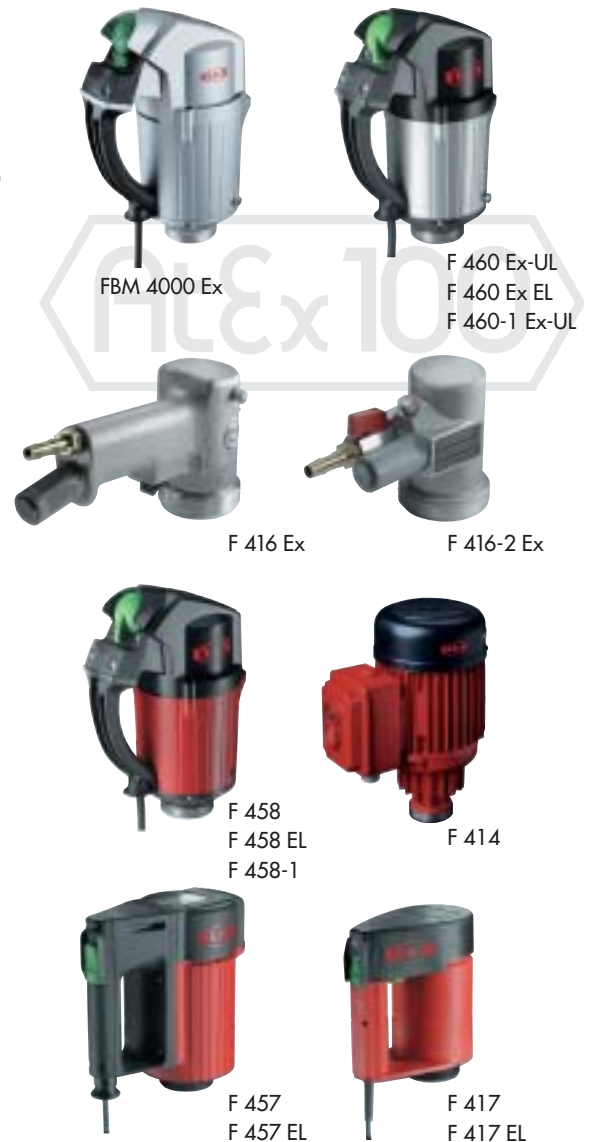
## FLUX DRUM PUMPS IN STAINLESS STEEL

FLUX drum 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 drums 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. 6,5 ft) and a hand nozzle, the delivery rate will be approx. 18 GPM. Depending on the motor type a 55 GAL drum 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.

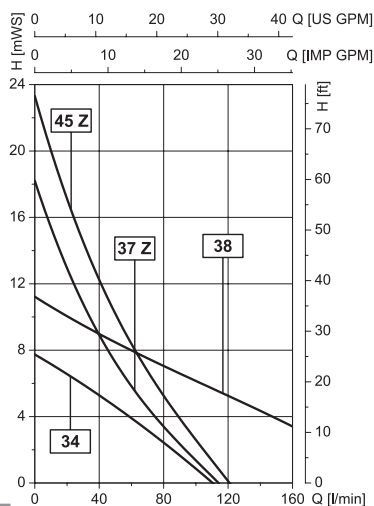


↖ This pump version will achieve a higher delivery rate!

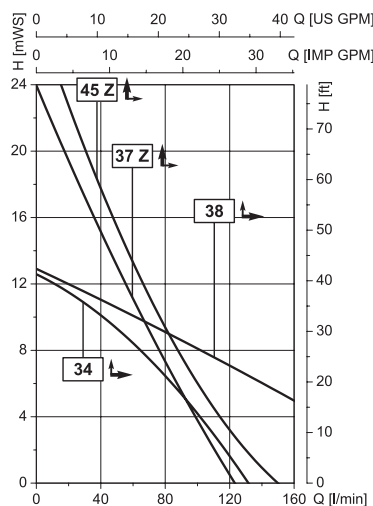
↖ This pump version will achieve a higher delivery head!

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

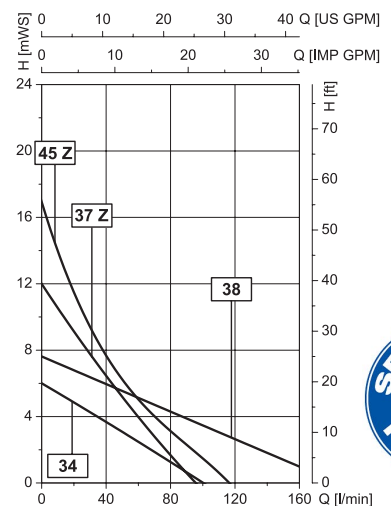
**Motor FBM 4000 Ex**



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



**Motor F 417 or F 417 EL**





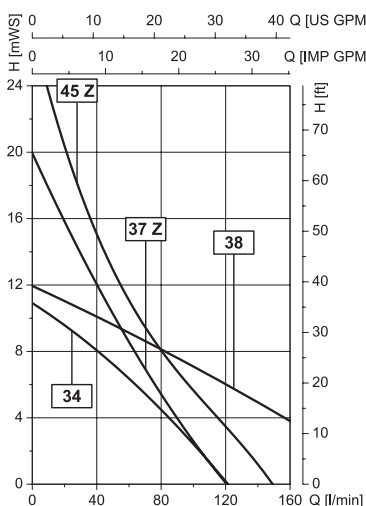
DRUM PUMP (TUBE SET) IN STAINLESS STEEL, THREAD ON OUTLET 1 1/4" BSP (TRI-CLAMP 1 1/2" ON F 427 S3A), WITHOUT MOTOR

Type/Curve	F 424 S-43/38	F 424 S-43/37 Z	F 424 S-50/45 Z	
Version				
Seal type	sealless			
Material	shaft in stainless steel 316 Ti, impeller in ETFE, o-ring in FKM			
max. temperature	248 °F			
outer Ø	1 11/16"	1 11/16"	2"	
<b>Part No./Weight</b>				
Immersion length 27"	424 20 007/4,85 lbs	424 20 107/4,85 lbs	424 20 207/6,61 lbs	
Immersion length 39"	424 20 010/6,39 lbs	424 20 110/6,39 lbs	424 20 210/8,81 lbs	
Immersion length 47"	424 20 012/7,27 lbs	424 20 112/7,27 lbs	424 20 212/10,6 lbs	
Type/Curve	F 425 S-41/34*	F 426 S-41/38	F 427 S3A-43/38	
Version	99,98 % drum emptying	Mixing pump	Sanitary pump	
Seal type	mechanical seal in ceramic oxide, PTFE/carbon, o-rings in FKM		sealless	
Material	shaft in stainless steel 316 Ti, seal in FKM, impeller in ETFE		shaft in stainless steel 316 Ti, impeller in ETFE, o-ring in FKM	
max. temperature	248 °F		248 °F	
outer Ø	1 19/32"	1 19/32"	1 11/16"	
<b>Part No./Weight</b>				
Immersion length 27"	425 20 008/6,61 lbs	-	427 20 307/6,61 lbs	
Immersion length 39"	425 20 011/8,37 lbs	426 20 010/8,37 lbs	427 20 310/6,39 lbs	
Immersion length 47"	425 20 013/9,70 lbs	426 20 012/9,70 lbs	427 20 312/7,27 lbs	
Type/Curve	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, impeller in ETFE			
max. temperature	248 °F			
outer Ø	1 19/32"	1 19/32"	2"	2"
<b>Part No./Weight</b>				
Immersion length 27"	430 20 107/5,29 lbs	430 20 407/5,29 lbs	430 20 207/7,49 lbs	430 20 307/7,49 lbs
Immersion length 39"	430 20 110/6,61 lbs	430 20 410/6,61 lbs	430 20 210/9,92 lbs	430 20 310/9,92 lbs
Immersion length 47"	430 20 112/7,93 lbs	430 20 412/7,93 lbs	430 20 212/11,46 lbs	430 20 312/11,46 lbs

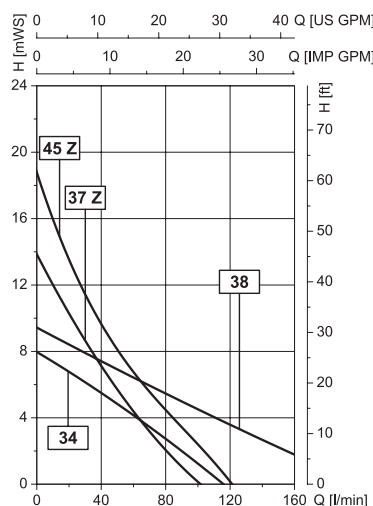
Pump models in immersion length of 8 – 118" (in steps of 4") on request.

\* Model for higher delivery head on request.

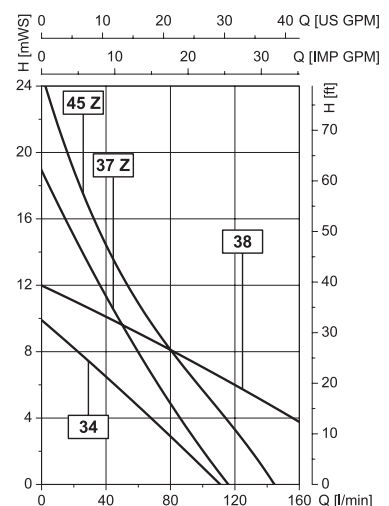
Motor F 457 or F 457 EL



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 (68 °F)