

FLUX BARREL PUMPS IN POLYPROPYLENE

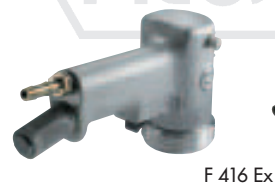
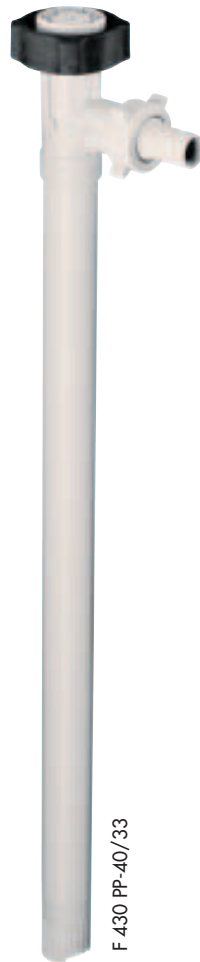
FLUX barrel pumps in polypropylene are used for both, chemically aggressive and low flammability liquids such as acids and alkalis, together with most thin and neutral liquids.

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.



F 416 Ex



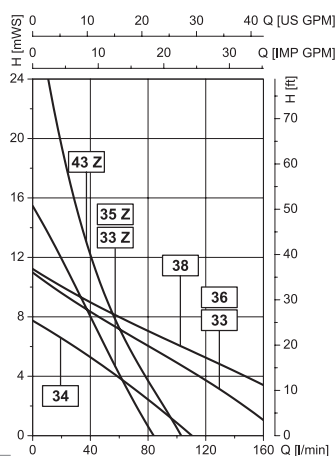
F 416-2 Ex

↗ This pump version will achieve a higher delivery rate!

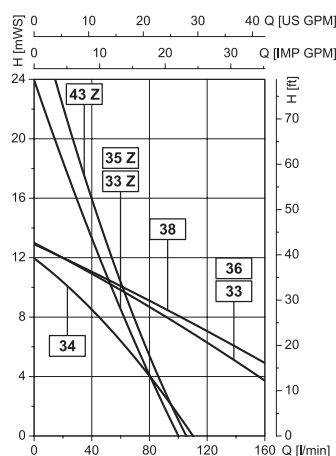
↗ This pump version will achieve a higher delivery head!

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

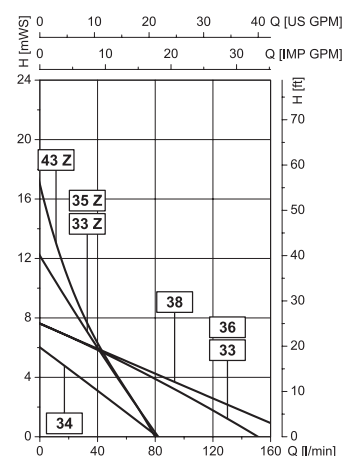
Motor FBM 4000 Ex



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



Motor F 417 or F 417 EL



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

Type/Curve	F 424 PP-41/36		F 424 PP-41/35 Z		F 424 PP-50/38	F 424 PP-50/43 Z
Version						
Seal type	sealless within the liquid section					
Material	shaft in Hastelloy C, impellor in ETFE, o-ring in FKM					
max. temperature	50 °C					
outer Ø	40 mm (foot piece 41 mm)		40 mm (foot piece 41 mm)		50 mm	50 mm
Part No./Weight						
Immersion length 700 mm	424 40 007/0,8 kg		424 40 107/0,8 kg		424 40 207/0,9 kg	424 40 307/0,9 kg
Immersion length 1000 mm	424 40 010/1,0 kg		424 40 110/1,0 kg		424 40 210/1,3 kg	424 40 310/1,3 kg
Immersion length 1200 mm	424 40 012/1,2 kg		424 40 112/1,2 kg		424 40 212/1,6 kg	424 40 312/1,6 kg

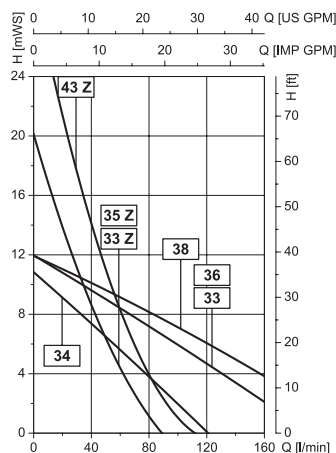
Type/Curve	F 425 PP-50/34		F 426 PP-50/33	
Version	99,98 % barrel emptying		Mixing pump	
Seal type	mechanical seal in ceramic oxide, PTFE/carbon, o-rings in FKM			
Material	shaft in Hastelloy C, seal in FKM, impellor in ETFE			
max. temperature	50 °C			
outer Ø	50 mm		50 mm	
Part No./Weight				
Immersion length 700 mm	425 40 048/1,6 kg		-	
Immersion length 1000 mm	425 40 051/2,0 kg		426 40 001/1,8 kg	
Immersion length 1200 mm	425 40 053/2,3 kg		426 40 002/2,1 kg	

Type/Curve	F 430 PP-40/33	F 430 PP-40/33 Z	F 430 PP-50/43 Z	F 430 PP-50/38
Version				
Seal type	mechanical seal in ceramic oxide, PTFE/carbon, o-rings in FKM			
Material	shaft in Hastelloy C, seal in FKM, impellor in ETFE			
max. temperature	50 °C			
outer Ø	40 mm	40 mm	50 mm	50 mm
Part No./Weight				
Immersion length 700 mm	430 40 107/1,1 kg	430 40 407/1,1 kg	430 40 207/1,1 kg	430 40 307/1,1 kg
Immersion length 1000 mm	430 40 110/1,4 kg	430 40 410/1,4 kg	430 40 210/1,5 kg	430 40 310/1,5 kg
Immersion length 1200 mm	430 40 112/1,6 kg	430 40 412/1,6 kg	430 40 212/1,7 kg	430 40 312/1,7 kg

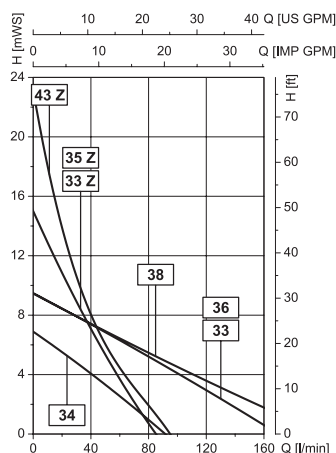
Accessories	Hose connection complete with nut G 1 1/4	DN 19 Part No. 959 04 053	DN 25 Part No. 959 04 052
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Pump models in immersion length of 200 – 3000 mm (in steps of 100 mm) on request.

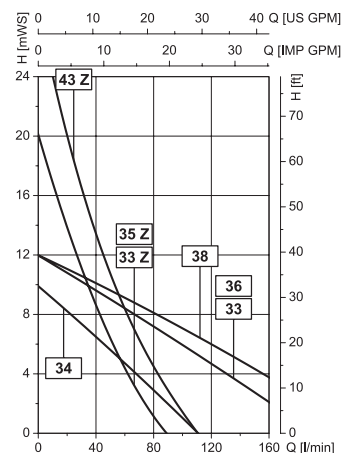
Motor F 457 or F 457 EL



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.