

FLUX BARREL PUMPS IN POLYVINYLIDENFLUORIDE

FLUX barrel pumps in polyvinyliden-fluoride 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.



F 424 PVDF-41/36



F 417
F 417 EL



F 457
F 457 EL



F 458
F 458 EL
F 458-1



F 414



FBM 4000 Ex



F 460 Ex
F 460 Ex EL
F 460-1 Ex



F 416 Ex



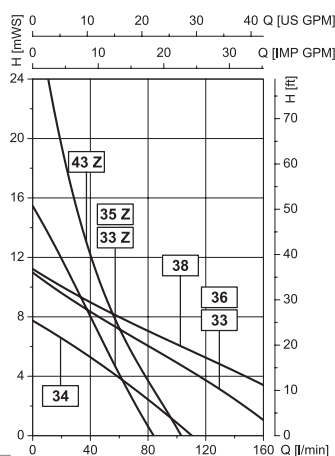
F 416-2 Ex

↗ This pump version will achieve a higher delivery rate!

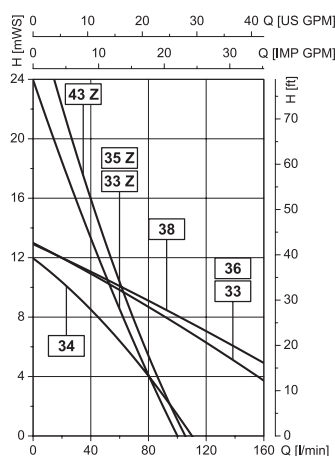
↗ This pump version will achieve a higher delivery head!

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

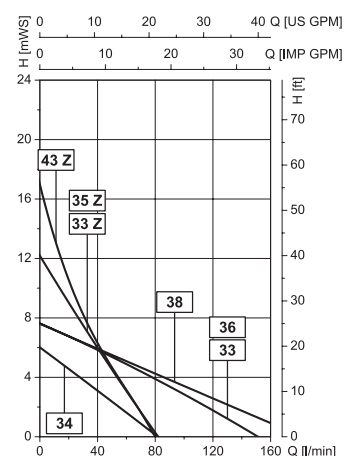
Motor FBM 4000 Ex



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



Motor F 417 or F 417 EL



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

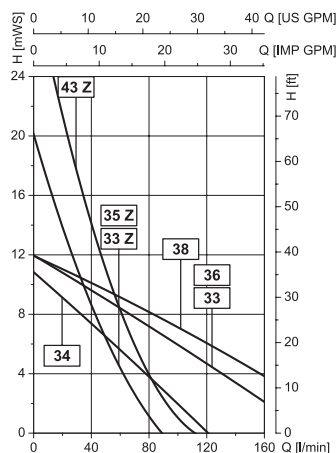
Type/Curve	F 424 PVDF-41/36	F 424 PVDF-41/35 Z	F 424 PVDF-50/38
Version			
Seal type	sealless within the liquid section		
Material	shaft in Hastelloy C, impellor in ETFE, o-ring in FKM		
max. temperature	100 °C		
outer Ø	40 mm (foot piece 41 mm)	40 mm (foot piece 41 mm)	50 mm
Part No./Weight			
Immersion length 700 mm	424 60 007/1,1 kg	424 60 107/1,1 kg	424 60 207/1,4 kg
Immersion length 1000 mm	424 60 010/1,4 kg	424 60 110/1,4 kg	424 60 210/1,9 kg
Immersion length 1200 mm	424 60 012/1,6 kg	424 60 112/1,6 kg	424 60 212/2,2 kg

Type/Curve	F 430 PVDF-40/33	F 430 PVDF-40/33 Z	F 430 PVDF-50/43 Z	F 430 PVDF-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	100 °C			
outer Ø	40 mm	40 mm	50 mm	50 mm
Part No./Weight				
Immersion length 700 mm	430 60 107/1,4 kg	430 60 407/1,4 kg	430 60 207/1,7 kg	430 60 307/1,7 kg
Immersion length 1000 mm	430 60 110/1,7 kg	430 60 410/1,7 kg	430 60 210/2,1 kg	430 60 310/2,1 kg
Immersion length 1200 mm	430 60 112/2,0 kg	430 60 412/2,0 kg	430 60 212/2,5 kg	430 60 312/2,5 kg

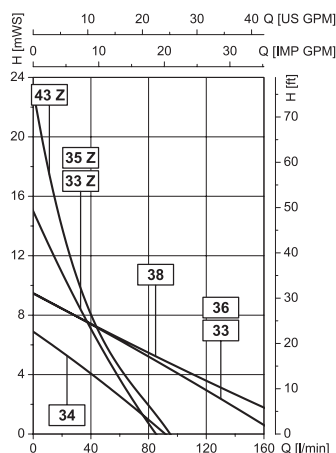
Accessories Hose connection with nut G 1 1/4 DN 19 Part No. 959 04 101 DN 25 Part No. 959 04 102

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

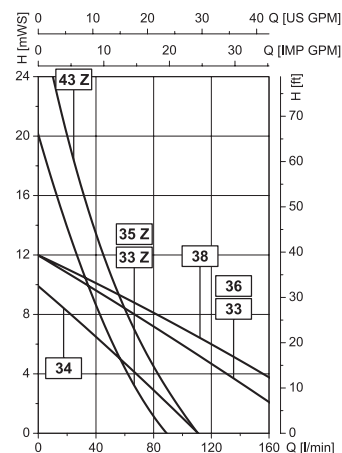
Motor F 457 or F 457 EL



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.