

FLUX DRUM PUMPS IN POLYVINYLIDENFLUORIDE

FLUX drum 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. 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.



F 424 PYDF-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-UL
F 460 Ex EL
F 460-1 Ex-UL



F 416 Ex



F 416-2 Ex



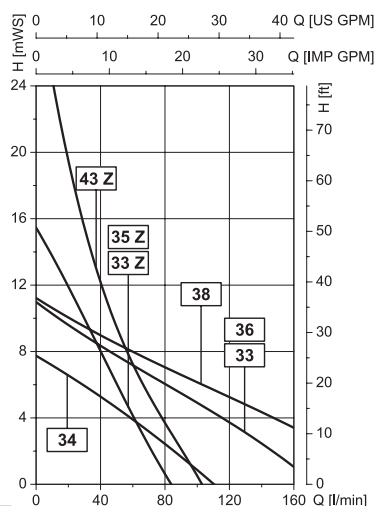
This pump version will achieve a higher delivery rate!



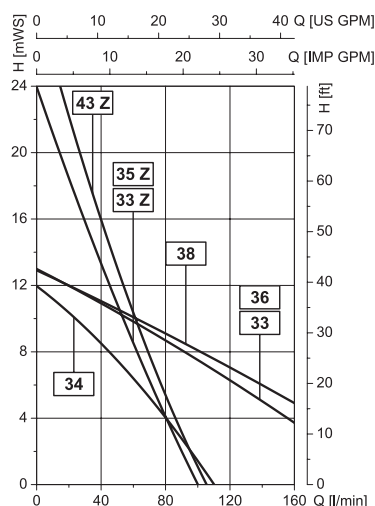
This pump version will achieve a higher delivery head!

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

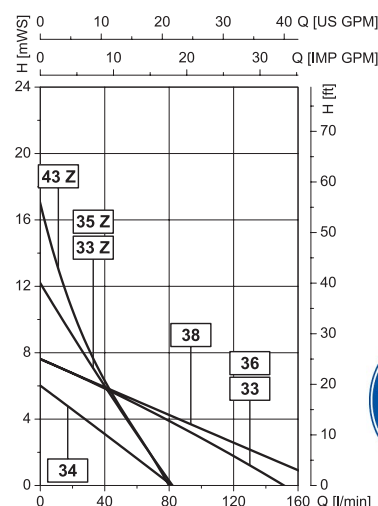
Motor FBM 4000 Ex



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



Motor F 417 or F 417 EL





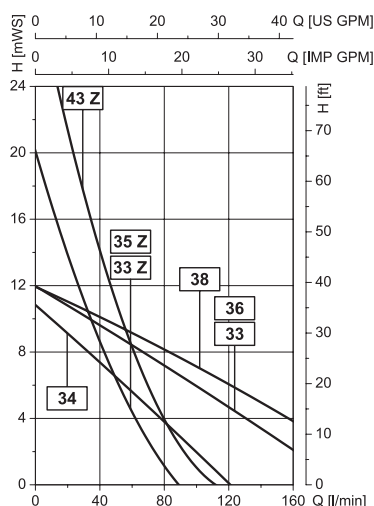
DRUM PUMP (TUBE SET) IN POLYVINYLIDENFLUORIDE, THREAD ON OUTLET G 1 1/4" BSP, WITHOUT MOTOR

Type/Curve	F 424 PVDF-41/36	F 424 PVDF-41/35 Z	F 424 PVDF-50/38
Version			
Seal type	sealless		
Material	shaft in Hastelloy C, impeller in ETFE, o-ring in FKM		
max. temperature	212 °F		
outer Ø	1 19/32"	1 19/32"	2"
Part No./Weight			
Immersion length 27"	424 60 007/2,42 lbs	424 60 107/2,42 lbs	424 60 207/3,08 lbs
Immersion length 39"	424 60 010/3,08 lbs	424 60 110/3,08 lbs	424 60 210/4,18 lbs
Immersion length 47"	424 60 012/3,53 lbs	424 60 112/3,53 lbs	424 60 212/4,85 lbs

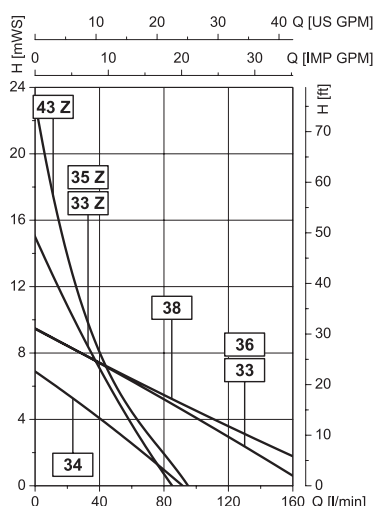
Type/Curve	F 430 PVDF-40/33	F 430 PVDF-40/33 Z	F 430 PVDF-50/43 Z	F 430 PVDF-50/38
Version				
Seal type	mechanical seal in ceramic oxide, PTFE/carbon, o-rings in FKM			
Material	shaft in Hastelloy C, seal in FKM, impeller in ETFE			
max. temperature	212 °F			
outer Ø	1 9/16"	1 9/16"	2"	2"
Part No./Weight				
Immersion length 27"	430 60 107/3,08 lbs	430 60 407/3,08 lbs	430 60 207/3,75 lbs	430 60 307/3,75 lbs
Immersion length 39"	430 60 110/3,75 lbs	430 60 410/3,75 lbs	430 60 210/4,63 lbs	430 60 310/4,63 lbs
Immersion length 47"	430 60 112/4,41 lbs	430 60 412/4,41 lbs	430 60 212/5,51 lbs	430 60 312/5,51 lbs

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

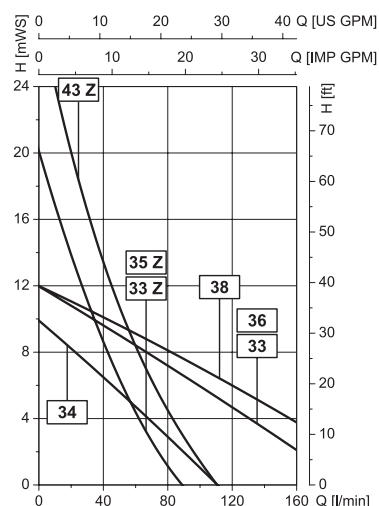
Motor F 457 or F 457 EL



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 (68 °F)