

FLUX BARREL PUMPS IN ALUMINIUM ALLOY OR HASTELLOY C

FLUX barrel pumps in aluminium alloy ALMg5 are suitable for transferring neutral, low flammability liquids.

FLUX barrel pumps in Hastelloy C 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. In addition, Hastelloy C is chemically resistant to most of acids and alkalis, allowing the most universal use of this pump type.

With the help of the performance charts you can compare the delivery rates achieved by each pump model powered by the various FLUX motors.

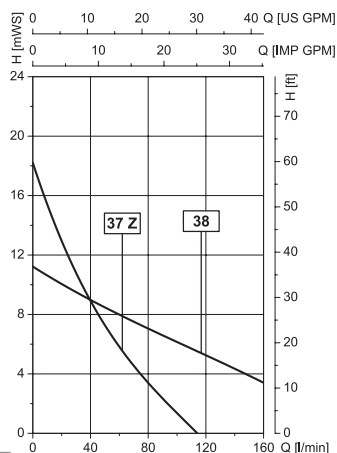
Detailed motor data are shown on pages 21 to 31.

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.

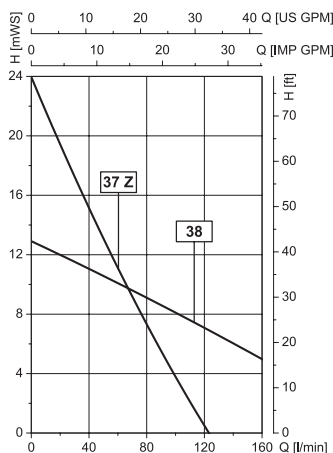
The delivery rates shown in the performance charts are obtained at the outlet connection of the pump.



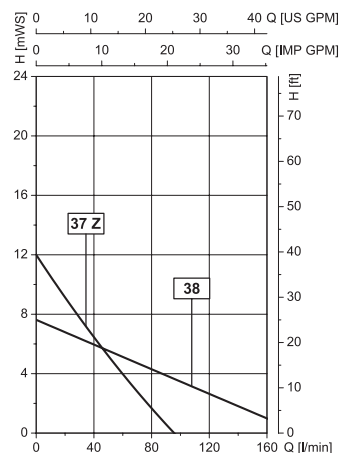
Motor FBM 4000 Ex






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 ALUMINIUM ALLOY, THREAD ON OUTLET G 1 1/4 A (BSP 1 1/4" MALE), WITHOUT MOTOR

Type/Curve	F 430 AL-41/38	F 430 AL-41/37 Z	F 430 AL-50/38
Version			
Seal type	mechanical seal in ceramic oxide, PTFE/carbon, o-rings in NBR		
Material	shaft in stainless steel 316 Ti, seal in NBR, impellor in ETFE		
max.temperature	120 °C (for short periods)		
outer Ø	41 mm	41 mm	50 mm
Part No./Weight			
Immersion length 700 mm	430 10 107/1,2 kg	430 10 407/1,2 kg	430 10 307/1,5 kg
Immersion length 1000 mm	430 10 110/1,5 kg	430 10 410/1,5 kg	430 10 310/1,8 kg
Immersion length 1200 mm	430 10 112/1,7 kg	430 10 412/1,7 kg	430 10 312/2,1 kg
Accessories	Hose connection complete with nut G 1 1/4 DN 19 Part No. 959 04 050		DN 25 Part No. 959 04 039
Pump models in immersion length of 200 – 2000 mm (in steps of 100 mm) on request.			

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

Type/Curve	F 430 HC-40/38
Version	
Seal type	mechanical seal in ceramic oxide, PTFE/carbon, o-rings in FFKM
Material	shaft in Hastelloy C, seal in FFKM, impellor in ETFE
max.temperature	120 °C
outer Ø	40 mm
Part No./Weight	
Immersion length 700 mm	430 30 107/2,3 kg
Immersion length 1000 mm	430 30 110/3,0 kg
Immersion length 1200 mm	430 30 112/3,5 kg
Accessories	Hose connection complete with nut G 1 1/4 DN 25 Part No. 959 04 043

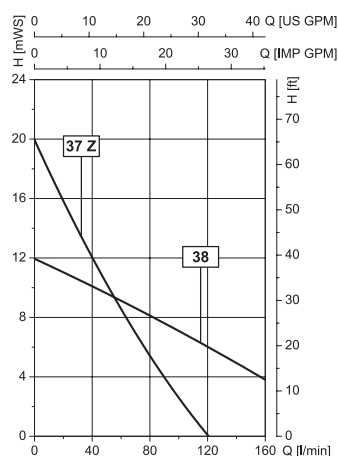
Other immersion lengths on request.

This pump version will achieve a higher delivery rate!

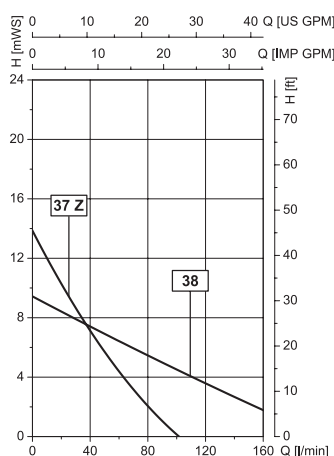
This pump version will achieve a higher delivery head!

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

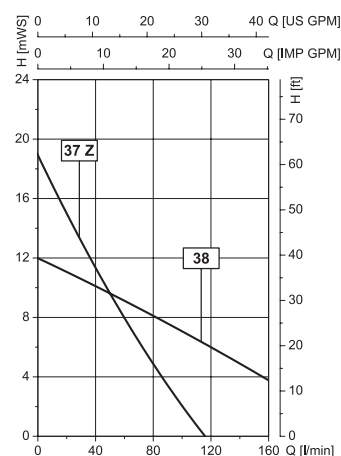
Motor F 457 or F 457 EL



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.