

## FLUX DRUM PUMPS IN ALUMINIUM ALLOY OR HASTELLOY C

FLUX drum pumps in aluminium alloy AlMg5 are suitable for transferring neutral, low flammability liquids.

FLUX drum 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 drums 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.

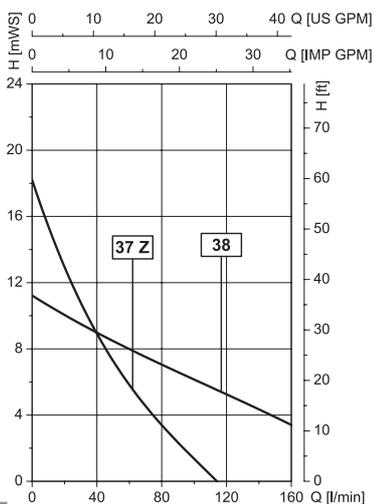
Detailed motor data are shown on pages 21 to 31.

When using the pump with a discharge hose (of approx. 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.

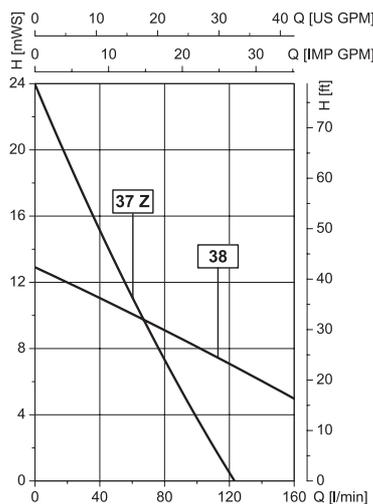
The delivery rates shown in the performance charts are obtained at the outlet connection of the pump.



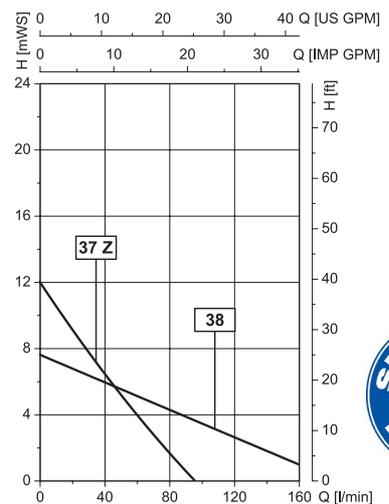
**Motor FBM 4000 Ex**



**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 ALUMINIUM ALLOY, THREAD ON OUTLET 1 1/4" BSP, 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, impeller in ETFE		
max.temperature	212 °F		
outer Ø	1 19/32"	1 19/32"	2"
Part No./Weight			
Immersion length 27"	<b>430 10 107/2,64 lbs</b>	<b>430 10 407/2,64 lbs</b>	<b>430 10 307/3,30 lbs</b>
Immersion length 39"	<b>430 10 110/3,30 lbs</b>	<b>430 10 410/3,30 lbs</b>	<b>430 10 310/3,96 lbs</b>
Immersion length 47"	<b>430 10 112/3,74 lbs</b>	<b>430 10 412/3,74 lbs</b>	<b>430 10 312/4,63 lbs</b>

Pump models in immersion length of 8 – 78" (in steps of 4") on request.

**DRUM PUMP (TUBE SET) IN HASTELLOY C, THREAD ON OUTLET 1 1/4" BSP, 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, impeller in ETFE
max.temperature	248 °F
outer Ø	1 9/16"
Part No./Weight	
Immersion length 27"	<b>430 30 107/5,07 lbs</b>
Immersion length 39"	<b>430 30 110/6,61 lbs</b>
Immersion length 47"	<b>430 30 112/7,71 lbs</b>

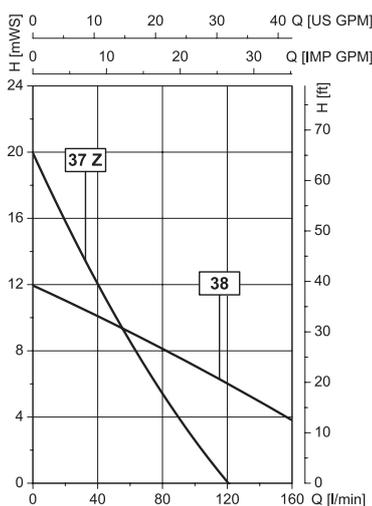
Other immersion lengths on request.

This pump version will achieve a higher delivery rate!

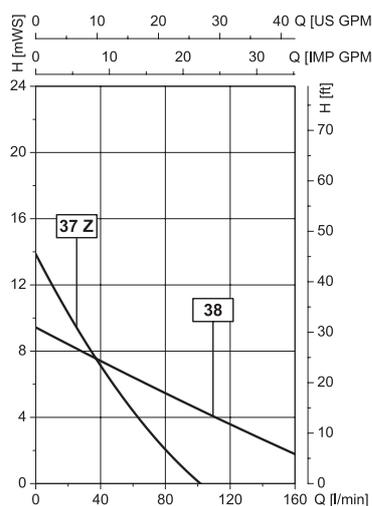
This pump version will achieve a higher delivery head!

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**

