Technical data sheet
MINIFLUX

More than just pumps

MINIFLUX

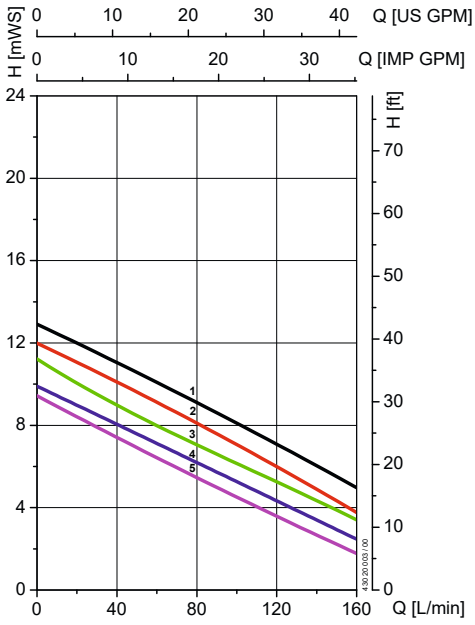
Advantages/characteristics:

- To transfer out of IBCs
- Emptying IBCs with residual quantity of less than 1 % (depending on the inclination angle)
- For example for use wherever is no space to use a vertical drum pump
- To transfer thin and flammable liquids
- Combined with commutator motor, brushless motor and air motor
- Suitable for Ex-applications in zone 1

Performance data	
Delivery rate max.	240 l/min *
Viscosity max.	1.000 mPas *
Delivery head max.	13 mWs *
Connection	
At container	Union nut S 60 x 6
Discharge connection	G 1 ¹/₄ A
Materials	
Outer tube	Stainless steel 316 Ti
Mechanical seal	PTFE/carbon and ceramic oxide
Seals	FKM/NBR/PE foam FFKM/NBR/PE foam
Impeller	ETFE
General data	
Total length	136 mm
Weight	1,0 kg
Ex-marking	II 2G c IIB TX
Media/ambient temperature max.	100 °C (Ex application max. 40 °C)
Part number	
MINIFLUX (FKM seal)	10-430 20 003
MINIFLUX (FFKM seal)	10-430 29 003

* depending on motor and fluid, measured at free outle

Performance chart

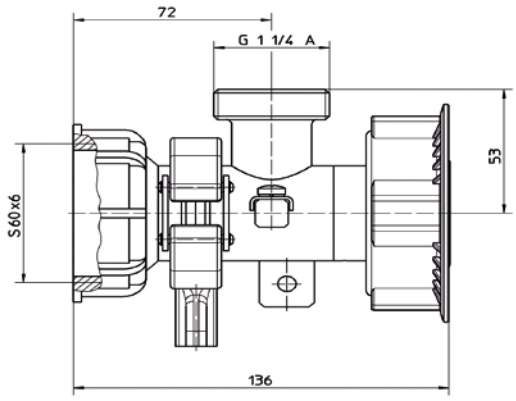


measured at free outlet, water 20 °C, values ±10 %

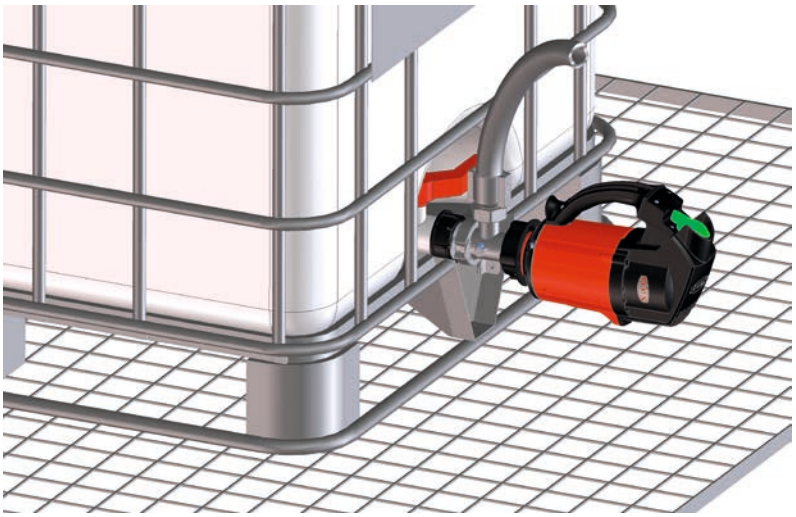
Motor:

1. F 416 Ex
2. F 457/F 458-1/F 460-1 Ex
3. FBM 4000 Ex
4. FEM 4070
5. F 458/F 460 Ex

Dimensions [mm]



Installation example (non hazardous area)



Note:
When using the MINIFLUX in hazardous area, ex-protected motor and ground wire are urgently needed.

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