

piFLOW®p



piFLOW®p 2



piFLOW®p 3



piFLOW®p 14



piFLOW®p 56

The piFLOW®p is best used when a premium technology is needed, e.g. in the food and pharmaceutical industries.

Typical applications:

- Powder and granules transfer
- Form-fill-seal
- Big bag loading and unloading
- Drum/bag filling and emptying
- Mill/Sieve/Mixer/Blender filling
- Tablet/fragile products transfer
- Applications in explosive atmosphere
- Hygienic applications
- Compact applications

piFLOW[®]p – Overview



- Designed mainly for industries handling food, chemical and pharmaceutical products
- Low noise level
- Automatic filter cleaning
- All materials in contact with the conveyed product fulfil the requirements of FDA, and designed according to USDA dairy guideline
- Optionally available with ATEX certificate and / or IQ / OQ and/or 2.2 certificate

Technical data

Description	Unit	Value
Material		ASTM 316L, EPDM, Q, NBR, ePTFE, PTFE, PE, PET, PA, Al, SS, PP
Temperature range	°C	0–60
Weight	kg	11–102
Feed pressure, max.	MPa	0.7
Feed pressure range	MPa	0.4–0.6
Air consumption range	NI/s	2.5–112
Vacuum range	-kPa	60–75
Noise level range	dBA	69–77
Filter area	m ²	0.031–7
Min. particle size	µm	0.5 or 5
Material batch volume	l	2–56
Feed pressure range, control	MPa	0.4–0.6

Legend piFLOW®p



Pump 64
Vol. 2 L



Pump 100/200/400
Vol. 3 L



Pump 100/200/400
Vol. 7 L



Pump 600/800
Vol. 14 L



Pump 600/800
Vol. 33 L



Pump 1200/1600
Vol. 56 L

Length capacity piFLOW®p

Length in metres	60	Pump 800 Vol. 33/56	Pump 1200 Vol. 56																				
	55	Pump 600 Vol. 14/33	Pump 1200 Vol. 56																				
	50	Pump 600 Vol. 14/33	Pump 1200 Vol. 56	Pump 1600 Vol. 56																			
	45	Pump 600 Vol. 14/33	Pump 1200 Vol. 56	Pump 1600 Vol. 56																			
	40	Pump 400/600 Vol. 14/33	Pump 800/1200 Vol. 56	Pump 1200/1600 Vol. 56	Pump 1600 Vol. 56																		
	35	Pump 400 Vol. 7/14	Pump 800 Vol. 33/56	Pump 1200 Vol. 56	Pump 1600 Vol. 56																		
	30	Pump 400 Vol. 7/14	Pump 600/800 Vol. 33/56	Pump 1200 Vol. 56	Pump 1200/1600 Vol. 56	Pump 1600 Vol. 56																	
	25	Pump 400 Vol. 7/14	Pump 600 Vol. 14/33	Pump 800 Vol. 33/56	Pump 1200 Vol. 56	Pump 1600 Vol. 56	Pump 1600 Vol. 56																
	20	Pump 200/400 Vol. 3/7	Pump 400/600 Vol. 14/33	Pump 600 Vol. 14/33	Pump 800/1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200/1600 Vol. 56	Pump 1600 Vol. 56	Pump 1600 Vol. 56														
	17	Pump 200 Vol. 3/7	Pump 400 Vol. 7/14	Pump 600 Vol. 14/33	Pump 800 Vol. 33/56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1600 Vol. 56														
	15	Pump 200 Vol. 3/7	Pump 400 Vol. 7/14	Pump 600 Vol. 14/33	Pump 600/800 Vol. 33/56	Pump 800 Vol. 33/56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200/1600 Vol. 56	Pump 1600 Vol. 56	Pump 1600 Vol. 56												
	12	Pump 200 Vol. 3/7	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 600 Vol. 14/33	Pump 600/800 Vol. 33/56	Pump 800 Vol. 33/56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200/1600 Vol. 56	Pump 1600 Vol. 56	Pump 1600 Vol. 56										
	10	Pump 100/200 Vol. 3/7	Pump 200/400 Vol. 3/7	Pump 400 Vol. 7/14	Pump 400/600 Vol. 14/33	Pump 600 Vol. 14/33	Pump 600/800 Vol. 33/56	Pump 800 Vol. 33/56	Pump 800/1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200/1600 Vol. 56	Pump 1600 Vol. 56	Pump 1600 Vol. 56	Pump 1600 Vol. 56	Pump 1600 Vol. 56						
	7	Pump 100 Vol. 3	Pump 200 Vol. 3/7	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 600 Vol. 14/33	Pump 600 Vol. 14/33	Pump 600 Vol. 14/33	Pump 800 Vol. 33/56	Pump 800 Vol. 33/56	Pump 800 Vol. 33/56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1600 Vol. 56	Pump 1600 Vol. 56	Pump 1600 Vol. 56		
	5	Pump 64 Vol. 2	Pump 100 Vol. 3	Pump 200 Vol. 3/7	Pump 200/400 Vol. 3/7	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400/600 Vol. 14/33	Pump 600 Vol. 14/33	Pump 600 Vol. 14/33	Pump 600 Vol. 14/33	Pump 600/800 Vol. 33/56	Pump 800 Vol. 33/56	Pump 800 Vol. 33/56	Pump 800 Vol. 33/56	Pump 800/1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200 Vol. 56	Pump 1200/1600 Vol. 56	Pump 1600 Vol. 56
	2	Pump 64 Vol. 2	Pump 64 Vol. 2	Pump 64/100 Vol. 2/3	Pump 100 Vol. 3	Pump 100/200 Vol. 3/7	Pump 200 Vol. 3/7	Pump 200 Vol. 3/7	Pump 200 Vol. 3/7	Pump 200 Vol. 3/7	Pump 200 Vol. 3/7	Pump 200/400 Vol. 3/7	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400 Vol. 7/14	Pump 400/600 Vol. 14/33	Pump 600 Vol. 14/33	Pump 600 Vol. 14/33
		0,5	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	7,5	8	8,5	9	9,5	10	12	14
																						Ton/h	

piFLOW® – Conveyor Customer Code



Model	Code
piFLOW®i	I
piFLOW®f	F



Pump size	Code
piBASIC100	BA100
piBASIC200	BA200
piBASIC400	BA400
piBASIC600	BA600
No pump	0



Filter type	Code
Textile filter 02	TX2
Textile filter 04	TX4
Textile filter 06	TX6
Pleated filter 02	P2
Pleated filter 04	P4
Pleated filter 06	P6
Pleated rod filter 02	PR2
Pleated rod filter 04	PR4
Pleated rod filter 06	PR6



Inlet diameter	Code
Inlet Ø 32 (1 ¼")	32
Inlet Ø 38 (1 ½")	38
Inlet Ø 51 (2")	51
Inlet Ø 63 (2 ½")	63
Inlet Ø 76 (3")	76
No Inlet	0



Batch volume	Code
Volume 6L (0.21 cf)	6
Volume 8L (0.28 cf)	8A
Volume 14L (0.49 cf)	14A
No volume	0

Model	Code
piFLOW®p	P

Pump size	Code
piPREMIUM64	P64
piPREMIUM100	P100
piPREMIUM200	P200
piPREMIUM400	P400
piPREMIUM600	P60L
piPREMIUM800	P80L
piPREMIUM1200	P120L
piPREMIUM1600	P160L
Vacuum Conn. 2.5"	VC2
Vacuum Conn. 3"	VC3
Vacuum Conn. 4"	VC4

Filter type	Code
Textile filter 01	TX1
Textile filter 02	TX2
Textile filter 04	TX4
Textile filter 06	TX6
Pleated filter 00	P0
Pleated filter 02	P2
Pleated filter 04	P4
Pleated filter 06	P6
Pleated rod filter 00	PR0
Pleated rod filter 01	PR1
Pleated rod filter 02	PR2
Pleated rod filter 04	PR4
Pleated rod filter 06	PR6

Inlet diameter	Code
TC Inlet Ø 25 (1")	25T
TC Inlet Ø 51 (2")	51T
TC Inlet Ø 76 (3")	76T
TC Inlet Ø 102 (4")	102T
Inlet Ø 25 (1")	25
Inlet Ø 32 (1 ¼")	32
Inlet Ø 38 (1 ½")	38
Inlet Ø 51 (2")	51
Inlet Ø 63 (2 ½")	63
Inlet Ø 76 (3")	76
Inlet Ø 102 (4")	102
No Inlet	0

Batch volume	Code
Volume 2L (0.07 cf)	2
Volume 3L (0.11 cf)	3
Volume 7L (0.25 cf)	7
Volume 14L (0.49 cf)	14
Volume 33L (1.17 cf)	33
Volume 56L (1.98 cf)	56
No volume	0

I . BA100 . TX2 . 32 . 6 . C . RS . AAL . EX . GB



Discharge type	Code
Cone Opening	C
Full Opening	F
No discharge	0



Control	Code
Control VU EP-1	EP
Control PPT/RS	RS
No control	0



Material	Code
Antistatic & AL	AAL



Special Technical documents	Code
ATEX	EX
No special documentation	0



Language	Code
Manual SE	SE
Manual GB	GB
Manual DE	DE
Manual IT	IT
Manual ES	ES
Manual FR	FR
Manual US	US
Manual DK	DK
Manual FI	FI
Manual NL	NL
Manual PL	PL
Manual PT	PT
Manual RO	RO
Manual CZ	CZ
Manual NO	NO
Manual RU	RU
Manual JP	JP

Discharge type	Code
Cone Opening	C
Full Opening	F
Cone Opening, bridging	CB
No discharge	0

Control	Code
Control VU EP-1	EP
Control CU-1A	1A
Control CU-1B	1B
Control CU-2A	2A
Control CU-2B	2B
Control PPT/RS	RS
No control	0

Material	Code
Antistatic & AL	AAL
Antistatic & SS	ASS
Silicon & AL	QAL
Silicon & SS	QSS

Special Technical documents	Code
ATEX	EX
2.2	2
IQ/OQ	Q
ATEX + 2.2	EX2
IQ/OQ + ATEX	QEX
IQ/OQ + 2.2	Q2
IQ/OQ + 2.2 + ATEX	Q2EX
No special documentation	0