

fluinac[®] pump solution



PHOENIX

AIR-OPERATED DOUBLE DIAPHRAGM PUMPS

www.fluimac.com

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبـروی پالایشگاه نفت پارس، یلاک ۱۲



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🗐 Fax:0४) – ۴۴۹۹۴۶۴४





MAIN FEATURES

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Fluimac is an original, young and dynamic company built in 2012 for a new concept of product. It is specialized in providing pump solutions with an innovative and continuously developing design of range. The huge experience, knowledge and efficiency of its team is the starting point of its own business. Fluimac stands out for its reliable and prompt technical support and assistance.

The internal research and development department ensures the proficiency of its team, which constantly grows in order to satisfy all the customers' needs.

The company keeps up with the constant evolution of the national and international market and its quality control guarantees innovative and certificated products, which respect current legal standards.

The organization of the warehouse and the assembly/testing department, allows the company to offer short delivery times, immediate check of availability, speedy shipments and fast service assistance. The policy of Fluimac relies also on excellent customer service and a network of efficient, reliable distributors who ensure willingness, quality and technical support. This makes Fluimac a high quality company, grounded in excellence.



روبروی پالایشگاه نفت پارس، پلاک ۱۲







Compressed air fills right inner chamber, causing the opposing diaphragm to create suction, lifting the lower valve ball, pulling in fluid at inlet. Simultaneously, the right chamber is in "Discharge" cycle.

Compressed air fills left inner chamber, causing upper valve ball to open and discharge fluid. Simultaneously, the right chamber is in "Suction" cycle.

INSTALLATION



Pump installed below head (positive suction)

when it is necessary to empty completely the container

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🔄 E-mail: info@famcocorp.com



Self priming pump installed above head (negative suction)

pump initially works with special featuring hopper's height helps with dry column pump without problem

Pump installed

above drum

or tank

high viscosity liquid the pump to treat the fluid. Air pressure has

Tel:071- 4 A 0 0 0 4 9

Fax:011 - 44994944

Pump installed

on hopper for

to be high, Suction

tube has to be bigger than pump's size



pump

Submerged Suspended Pump installed ОП a mobile unit

it is necessary to check the chemical compatibility

special version with fixing feet also in the upper must be often part, for ceiling fixing

with a trolley or cart when pump moved

نهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، یلاک ۱۲









Fluid connections 1/4" BSP 80 Air connection 4 mm 70 7 lt/min Max. Flow rate 60 6 bar Max air pressure 50 Max delivery head 60 m 40 Max Suction Lift Dry 3 m 30 Max Suction Lift Wet 9,8 m 20 Max Solid passing 2 mm Head H (m) 10 62 dB Noise level: Max Viscosity: 5.000 cps 0 Displacement per Stroke: 18 CC ~

PERFORMANCE Flow rate U.S.gpm 0.26 0.53 0.79 1.06 1.32 1.59 1.85 20 229.6 40 87 psi 6 bar 50 196.8 2.5 ps 5 bar 164 4 ba 131.2 43.5 p 3 ba 98.4 29 psi 2 bar 65.6 £ 1.7 ps 1.5 ba Head H (32.8 2 3 1 4 5 6 7 Flow rate It/min O Air supply pressure Air consumption NIt/min 0

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

DIMENSIONS

🐼 II 3/3 G Ex h IIB T4 Gc

🚯 II -/3 D Ex h IIIB T135°C Dc X

discharge head, air pressure and fluid type.

Displacement per stroke may vary based on suction condition,

TECHNICAL DATA

	Α	В	С	Net Weight	Temp	erature
PP	129 mm	68 mm	112 mm	0,84 Kg	- 4°C	+ 65°C
PVDF	129 mm	29 mm 68 mm 1		0,96 Kg	- 20°C	+ 95°C
POMc	129 mm	68 mm	112 mm	0,84 Kg	- 5°C	+ 80°C





	MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECT	IONS	ATEX	PORTS
	P0007	P = PP KC = PVDF+CF O = POMc	NT = NBR+PTFE	T = PTFE S = SS	P = PP K = PVDF O = POMc	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 5 = NPT		- = zone 2	AB = STANDARD
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E-mail: info@famcocorp.com							. پیوسر، ، پررس، مسیری , باده مسیوس عرج،			
@fa	amco_gr	oup		E F	ax:•P) -	*****			پاک ۱۲	بالایشکاه نفت پارس، ب



P I8







POMc



SS

TECHNICAL DATA

Fluid connections	3/8" BSP
Air connection	6 mm
Max. Flow rate	20 It/min
Max air pressure	7 bar
Max delivery head	70 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	2,5 mm
Noise level:	65 dB
Max Viscosity:	10.000 cps
Displacement per Stroke:	30 CC ~
Displacement per stroke may vary based on suction cor	naition,

PERFORMANCE Flow rate U.S.gpm 0.53 1.06 1.59 2.11 2.64 3.17 3.70 4.23 4.76 80 101.5 psi 20 7 bar 229.6 70 40 87 psi 60 6 bar 60 196.8 (110) 72.5 psi 5 bar 50 164 58 psi 4 bar 131.2 40 43.5 psi 3 bar 30 98.4 29 psi 2 bar 65.6 (II) 32.8 Head H 20 Head H (m) 1.7 p 10 14 0 2 4 6 8 10 12 16 18 20 Flow rate It/min Air consumption NIt/min Air supply Ο 0 pressure

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

ЛЕГ	ON	IS

discharge head, air pressure and fluid type.

	Α	A B C Net Weig		Net Weight	Temperature		
PP	146 mm	96 mm	167 mm	1,3 Kg	- 4°C	+ 65°C	
PVDF	146 mm	96 mm	167 mm	1,6 Kg	- 20°C	+ 95°C	
POMc	146 mm	96 mm	167 mm	1,5 Kg	- 5°C	+ 80°C	
SS	148 mm	92 mm	152 mm	2,3 Kg	- 20°C	+ 95°C	



COMPOSITION

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	MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
	P0018	P = PP KC = PVDF+CF O = POMc SS = SS	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE	T = PTFE S = SS	P = PP K = PVDF O = POMc S = SS	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 5 = NPT	- = zone 2	AB = STANDARD
w w w . f a m c o c o r p . c o m E-mail: info@famcocorp.com			o.com	Tel:08	1-1-1-000	٥۴٩	خصوص کرد)	گی (جادہ م	ممتر ۲۱ بن گاه لشگ
			orp.com				مصوص مرج،	, 200 v	و سر ۱۰ چر ر در ۵ سند
@fa	@famco_group			🕞 Fax:0P) - ۴۴۹۹۴۶۴۲			وی پالایشگاه نفت پارس، پلاک ۱۲		







PVDF+CF



ALU



SS

TECHNICAL DATA

Fluid connections	1/2" BSP
Air connection	6 mm
Max. Flow rate	35 lt/min
Max air pressure	7 bar
Max delivery head	70 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	3 mm
Noise level:	65 dB
Max Viscosity:	15.000 cps
Displacement per Stroke:	65 CC ~
 II 3/3 G Ex h IIB T4 Gc II -/3 D Ex h IIIB T135℃ Dc X 	
Displacement per stroke may vary based on suction cor	ndition,



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

DIMENSIONS

discharge head, air pressure and fluid type.

	Α	В	С	Net Weight	Tempe	erature
PP	177 mm	105 mm	185 mm	1,8 Kg	- 4°C	+ 65°C
PVDF	177 mm	105 mm	185 mm	2,3 Kg	- 20°C	+ 95°C
ALU	183 mm	110 mm	189 mm	2,8 Kg	- 20°C	+ 95°C
SS	181 mm	106 mm	192 mm	3,8 Kg	- 20°C	+ 95°C



	MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
	P0030	P = PP KC = PVDF+CF S = SS A = ALU	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS Z = PE-UHMWE	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED 5 = NPT	- = zone 2	AB = STANDARD
⊗ w w ⊂ E-m ⊚ @fa	w.fan nail:info nmco_gr	n c o c o r p o@famcoco oup	.com rp.com	C Tel:07	1- F F F F F F F F F F F F F F F F F F F	4 9 547	خصوص کرج) ۱۱	گری (جادہ م رس ، پلاک ۲	ومتر ۲۱ بزرگراه لشد الایشگاه نفت پار



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PVDF+CF



ALU



TECHNICAL DATA

Fluid connections	1/2" BSP
Air connection	1/4" BSP
Max. Flow rate	55 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	3,5 mm
Noise level:	70 dB
Max Viscosity:	15.000 cps
Displacement per Stroke:	140 CC ~

PERFORMANCE Flow rate U.S.gpm 1.32 2.64 3.96 5.28 6.60 7.93 9.25 10.57 11.89 13.21 14.53 295.2 90 116 psi (140) 8 bar 80 262.4 (280) 01.5 7 ba 70 229.6 (380) 6 ba 196.8 60 72 5 5 ba 50 164 i8 ps 4 ba 40 131.2 43.5 p 3 bar 30 98.4 20 65.6 65.6 32.8 (tt) Head H Head H (m) 10 0 5 10 15 20 25 30 35 40 50 45 55 Flow rate It/min O Air supply Air consumption NIt/min 0 pressure

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

DIMENSIONS

	Α	A B C		Net Weight	Temperature		
PP	238 mm	156 mm	249 mm	3,8 Kg	- 4°C	+ 65°C	
PVDF	238 mm	156 mm	249 mm	4,8 Kg	- 20°C	+ 95°C	
ALU	234 mm	156 mm	245 mm	3,8 Kg	- 20°C	+ 95°C	
SS	234 mm	156 mm	268 mm	6,8 Kg	- 20°C	+ 95°C	



MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0055	P = PP KC = PVDF+CF S = SS A = ALU	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE D = EPDM N = NBR	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS Z = PE-UHMWE A = ALU	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED 5 = NPT	- = zone 2	AB = STANDARD
N = NDD ⑧ w w w . f a m c o c o r p . c o m □ E-mail: info@famcocorp.com ◎ @famco_group			🚺 Tel	۰۰۰۰ ۸ ۲۰ – ۲۹۰: ۲۰۰۲ – ۴۴۹۹۴	49 944	، (جادہ مخصوص کرج) ، پلاک ۱۲	بزرگراه لشگری ناه نفت پارس	تهران ، کیلومتر ۲۱ روبـروی پالایشگ







PVDF+CF



ALU



Head H (ft)

TECHNICAL DATA PERFORMANCE Flow rate U.S.gpm 1/2" BSP Fluid connections 2.64 5.28 7.93 10.57 13.21 15.85 18.49 1/4" BSP Air connection 295.2 90 16 ps 40 65 lt/min Max. Flow rate 80 280 262.4 8 bar Max air pressure 70 229.6 60 196.8 Max delivery head 80 m 50 164 Max Suction Lift Dry 5 m 40 131.2 Max Suction Lift Wet 9,8 m 30 98.4 Max Solid passing 3,5 mm 20 65.6 Head H (m) 72 dB 10 32.8 Noise level: Max Viscosity: 20.000 cps 0 10 20 40 30 50 60 70 Flow rate lt/min Displacement per Stroke: 140 CC ~ Air supply Air consumption NIt/min Ο Ο 🐼 II 3/3 G Ex h IIB T4 Gc pressure

🐼 II -/3 D Ex h IIIB T135°C Dc X

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

DIMENSIONS

	Α	В	С	Net Weight	Temperature	
PP	238 mm	165 mm	249 mm	4,3 Kg	- 4°C	+ 65°C
PVDF	238 mm	165 mm	249 mm	5,3 Kg	- 20°C	+ 95°C
ALU	234 mm	165 mm	245 mm	4,3 Kg	- 20°C	+ 95°C
SS	234 mm	165 mm	268 mm	7,3 Kg	- 20°C	+ 95°C



MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0060	P = PP KC = PVDF+CF S = SS A = ALU	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE D = EPDM N = NBR	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS Z = PE-UHMWE A = ALU	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED 5 = NPT	- = zone 2	AB = STANDARD
N = NBR (a) w w w . f a m c o c o r p . c o m (c) E-mail: info@famcocorp.com (c) @famco_group		cocorp.com @famcocorp.com up	C Tel: Fax	:071 - 66699681	9 FY	شگری (جادہ مخصوص کرج) پارس ، پلاک ۱۲	ومتر۲۱ بزرگراه ل الایشگاه نفت ب	تهران ، کیلر روبـروی پا







PVDF+CF



ALU (P 100)



TECHNICAL DATA

Fluid connections	3/4" BSP
Air connection	3/8" BSP
Max. Flow rate	100 lt/mm
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	4 mm
Noise level:	72 dB
Max Viscosity:	25.000 cps
Displacement per Stroke: II 3/3 G Ex h IIB T4 Gc II -/3 D Ex h IIB T135°C Dc X	200 CC ~



Displacement per stroke may vary based on suction condition,

discharge head, air pressure and fluid type.

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

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	Α	В	С	Net Weight	Tempe	erature
PP	293 mm	176 mm	280 mm	5,1 Kg	- 4°C	+ 65°C
PVDF	293 mm	176 mm	280 mm	6,6 Kg	- 20°C	+ 95°C
ALU	265 mm	178 mm	245 mm	5,6 Kg	- 20°C	+ 95°C
SS	247 mm	178 mm	251 mm	7,6 Kg	- 20°C	+ 95°C



MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0090 P0100	P = PP KC = PVDF+CF S = SS A = ALU	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE D = EPDM N = NBR	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS Z = PE-UHMWE A = ALU	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED 5 = NPT	- = zone 2	AB = STANDARD
N = NBR W w w w f a m cocorp.com E-mail: info@famcocorp.com G @famco.group		cocorp.com @famcocorp.com up	C Te	91:071- F A o o o o ax :071 - FF991	• F 9 F 5 F F	جادہ مخصوص کرج) پلاک ۱۲	ِرگراه لشگری (نفت پارس،	تهران ، کیلومتر ۲۱ بز روبـروی پالایشگاه



P I20







TECHNICAL DATA

Fluid connections	1" BSP
Air connection	3/8" BSP
Max. Flow rate	120 lt/mm
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	4 mm
Noise level:	72 dB
Max Viscosity:	25.000 cps
Displacement per Stroke: II 3/3 G Ex h IIB T4 Gc II -/3 D Ex h IIB T135°C Dc X	200 CC ~

PERFORMANCE



Displacement per streke may yery been

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

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	Α	В	С	Net Weight	Tempe	erature
PP	293 mm	178 mm	280 mm	5,6 Kg	- 4°C	+ 65°C
PVDF	293 mm	178 mm	280 mm	7,6 Kg	- 20°C	+ 95°C
SS	258 mm	177 mm	295 mm	9,6 Kg	- 20°C	+ 95°C



MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0120	P = PP KC = PVDF+CF S = SS	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE D = EPDM N = NBR	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS Z = PE-UHMWE	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED 5 = NPT	- = zone 2	AB = STANDARD
N=NBR Www.famcocorp.com E-mail: info@famcocorp.com @ @famco_group		corp.com mcocorp.com	🚺 Tel: C Fax	:071 - 6 V 0 0 0 0	864 69	(جادہ مخصوص کرج) پلاک ۱۲	رگراه لشگری نفت پارس ،	تهران ، کیلومتر ۲۱ بز روبـروی پالایشگاه







PVDF+CF



ALU (P 160)



TECHNICAL DATA

Fluid connections	1" BSP - DN25
Air connection	1/2" BSP
Max. Flow rate	170 lt/mm
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	7,5 mm
Noise level:	75 dB
Max Viscosity:	35.000 cps
Displacement per Stroke: II 3/3 G Ex h IIB T4 Gc II -/3 D Ex h IIIB T135°C Dc X	700 CC ~

PERFORMANCE



Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

DIMENSIONS

	Α	В	С	Net Weight	Temperature	
PP	430 mm	222 mm	416 mm	14,2 Kg	- 4°C	+ 65°C
PVDF	430 mm	222 mm	416 mm	16,2 Kg	- 20°C	+ 95°C
ALU	370 mm	222 mm	364 mm	13,2 Kg	- 20°C	+ 95°C
SS	357 mm	222 mm	371 mm	17,2 Kg	- 20°C	+ 95°C



MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0170 P0160	P = PP KC = PVDF+CF S = SS A = ALU	HT =HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE D = EPDM N = NBR	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS Z = PE-UHMWE A = ALU	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED 5 = NPT	- = zone 2	AB = STANDARD
N = NBR www.famcocorp.com E-mail:info@famcocorp.com afamco.group		ocorp.com amcocorp.com p	C Tel:•	91-470000 + 14999431 - 140:	9 FY	گری (جادہ مخصوص کرج) رس ، پلاک ۱۲	نر۲۱ بزرگراه لش یشگاه نفت پا	تهران ، کیلوم روبروی پالا،





PP



PVDF+CF



ALU (P 250)



SS

TECHNICAL DATA

Fluid connections	1"1/4" BSP
Air connection	1/2" BSP
Max. Flow rate	250 It/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	7,5 mm
Noise level:	75 dB
Max Viscosity:	35.000 cps
Displacement per Stroke: II 3/3 G Ex h IIB T4 Gc II -/3 D Ex h IIIB T135°C Dc X	700 CC ~
Displacement per stroke may vary based on suction cor	ndition,



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

DIMENSIONS

discharge head, air pressure and fluid type.

	Α	В	С	Net Weight	Tempe	erature
PP	396 mm	222 mm	388 mm	14,2 Kg	- 4°C	+ 65°C
PVDF	396 mm	222 mm	388 mm	16,2 Kg	- 20°C	+ 95°C
ALU	370 mm	222 mm	364 mm	13,2 Kg	- 20°C	+ 95°C
SS	357 mm	222 mm	374 mm	17,2 Kg	- 20°C	+ 95°C



MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0252 P0250	P = PP KC = PVDF+CF S = SS A = ALU	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE D = EPDM N = NBR	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS Z = PE-UHMWE A = ALU	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED 5 = NPT	- = zone 2	AB = STANDARD
N = NBH W w w . f a m c o c o r p . c o m E-mail: info@famcocorp.com G @famco_group		ocorp.com amcocorp.com	C Tel:•	21- 4 V 0 0 0 4 061 - 669968	к.ћ Н	ئری (جادہ مخصوص کرج) بس، پلاک ۱۲	۲۱ بزرگراه لشدً شگاه نفت پار	تهران ، کیلومتر روبروی پالای





PP





ALU



TECHNICAL DATA

Fluid connections	1"1/2 BSP - DN 40
Air connection	1/2" BSP
Max. Flow rate	380 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	8 mm
Noise level:	78 dB
Max Viscosity:	40.000 cps
Displacement per Stroke:	1200 CC ~

PERFORMANCE Flow rate U.S.gpm 13.21 92.46 105.67 118.88 26.42 39.62 52.83 66.04 79.25 90 295.2 600 80 262.4 900 229.6 70 (1100 196.8 60 164 50 131.2 40 98.4 30 65.6 20 Head H (ft) Head (m) 32.8 10 150 200 250 300 350 400 450 0 50 100 Flow rate It/min O Air supply pressure Air consumption NIt/min 0

II -/3 D Ex h IIIB T135℃ Dc X

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

DIMENSIONS

	Α	В	С	Net Weight	Temperature	
PP	454 mm	260 mm	564 mm	18,2 Kg	- 4°C	+ 65°C
PVDF	454 mm	260 mm	564 mm	22,2 Kg	- 20°C	+ 95°C
ALU	445 mm	260 mm	563 mm	22,2 Kg	- 20°C	+ 95°C
SS	361 mm	260 mm	502 mm	25,3 Kg	- 20°C	+ 95°C



MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0400	P = PP KC = PVDF+CF S = SS A = ALU	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE D = EPDM N = NBR	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS Z = PE-UHMWE A = ALU	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED 5 = NPT	- = zone 2	AB = STANDARD EF = STANDARD SS
N = NBR w w w . f a m c o c o r p . c o m E-mail: info@famcocorp.com @ @famco_group		💽 Te	1:071- F V 0 0 0 0 1X:071 - F F 9 9 F	۴۹ ۶۴۲	ر (جادہ مخصوص کرچ) ، پلاک ۱۲	بزرگراه لشگری اه نفت پارس	تهران ، کیلومتر ۲۱ روبـروی پالایشگ	





PP



PVDF+CF



ALU



SS

TECHNICAL DATA

Fluid connections	2" BSP - DN 50
Air connection	3/4" BSP
Max. Flow rate	700 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	8,5 mm
Noise level:	78 dB
Max Viscosity:	50.000 cps
Displacement per Stroke:	3050 CC ~

PERFORMANCE Flow rate U.S.gpm 13.21 26.42 39.62 52.83 66.04 79.25 92.46 105.67 118.88 132.09 145.29 158.50 171.71 184.92 90 200 295.2 16 psi 1800 bar 80 400 262.4 1.5 ps 7 bar 229.6 70 7 ps bar 60 196.8 2.5 psi bar 50 164 8 psi har 40 131.2 3.5 ps bar 30 98.4 20 65.6 Head H (m) Head H (ft) 10 32.8 350 400 450 500 550 600 0 50 100 150 200 250 300 650 700 Flow rate It/min Air supply Air consumption NIt/min 0 0 pressure

II -/3 D Ex h IIIB T135°C Dc X Displacement per streke may yany base

DIMENSIONS

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

	Α	В	С	Net Weight	Tempe	erature
PP	595 mm	345 mm	570 mm	30,6 Kg	- 4°C	+ 65°C
PVDF	595 mm	345 mm	570 mm	41,6 Kg	- 20°C	+ 95°C
ALU	595 mm	345 mm	567 mm	37,6 Kg	- 20°C	+ 95°C
SS	487 mm	345 mm	599 mm	51 Kg	- 20°C	+ 95°C



MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0700	P = PP KC = PVDF+CF S = SS A = ALU	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE D = EPDM N = NBR	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS Z = PE-UHMWE A = ALU	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED 5 = NPT	- = zone 2	AB = STANDARD EF = STANDARD SS
N = NBR (a) w w w . f a m c o c o r p . c o m (c) E-mail: info@famcocorp.com (c) @famco_group		cocorp.com famcocorp.com up	C Tel: Fax	041- 4 V 0 0 0 1 2:011 - 4469462	49 1447	گری (جادہ مخصوص کرج) رس ، پلاک ۱۲	ر ۲۱ بزرگراه لشد بشگاه نفت پار	تهران ، کیلومت روبـروی پالا،











TECHNICAL DATA

Fluid connections	3" BSP - DN 80
Air connection	3/4" BSP
Max. Flow rate	1050 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	12 mm
Noise level:	82 dB
Max Viscosity:	55.000 cps
Displacement per Stroke: II 3/3 G Ex h IIB T4 Gc II -/3 D Ex h IIB T135°C Dc X	9750 CC ~

PERFORMANCE



Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

DIMENSIONS

	Α	В	С	Net Weight	Temperature	
PP	685 mm	417 mm	933 mm	48,5 Kg	- 4°C	+ 65°C
PVDF	685 mm	417 mm	933 mm	53,5 Kg	- 20°C	+ 95°C
ALU	570 mm	420 mm	838 mm	53,5 Kg	- 20°C	+ 95°C
SS	570 mm	420 mm	838 mm	111,5 Kg	- 20°C	+ 95°C



MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P1000	P = PP K = PVDF S = SS A = ALU	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE	T = PTFE S = SS D = EPDM N = NBR	P = PP K = PVDF S = SS A = ALU	D = EPDM V = VITON N = NBR T = PTFE	1 = BSP 2 = FLANGED	- = zone 2	AB = STANDARD
⑧ w w w . f a m c o c o r p . c o m 聲 E-mail: info@famcocorp.com ◎ @famco_group		() Tel: () Fax	(:07) - 66996 (:07) - 66996	265 6 d	گری (جادہ مخصوص کرج) رس ، پلاک ۱۲	نر ۲۱ بزرگراه لش یشگاه نفت پا	تهران، کیلوم روبروی پالا	



6 fluimac pump solution

PHOENIX FOOD

Air operated double diaphragms pumps Realized in: SS AISI 3I6 electro-polished Flow-rate from 20lt/min to 1.000 lt/min Tri-Clamp Connection. ATEX certification Atex zone 2 💿 II 3/3 G Ex h IIB T4 Gc © II -/3 D Ex h IIIB T135°C Dc X

Atex zone I 💩 II 2/2 G Ex h IIB T4 Gb 🐼 II -/2 D Ex h IIIB TI35°C Db X

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 ◎ @famco_group

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TECHNICAL DATA



PF 18



AISI 316 ELECTRO-POLISHED

Fluid connections	3/4" TRI-CLAMP
Air connection	6 mm
Max. Flow rate	20 lt/min
Max air pressure	7 bar
Max delivery head	70 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	2,5 mm
Noise level:	65 dB
Max Viscosity:	10.000 cps
Displacement per Stroke:	30 CC ~

ATEX ZONE 2 certification as Standard and, on request, ATEX ZONE 1.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.





The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

Net Weight	Temperature
2,3 Kg	-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0018	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD

PHOENIX FOOD 30





AISI 316 ELECTRO-POLISHED

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TECHNICAL DATA

Fluid connections	1" TRI-CLAMP
Air connection	6 mm
Max. Flow rate	35 lt/min
Max air pressure	7 bar
Max delivery head	70 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	3 mm
Noise level:	65 dB
Max Viscosity:	15.000 cps
Displacement per Stroke:	65 CC ~

ATEX ZONE 2 certification as Standard and, on request, ATEX ZONE 1.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

PERFORMANCE



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

Net Weight	Temperature
3,8 Kg	-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0030	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X= zone 1	AB = STANDARD
(⊗) w (⊂) E	ww.famc -mail: info@f	ocorp.com famcocorp.com	۲el :۰۲۱- ۲ax :۰۲ (C)		865 865	ری (جادہ مخصوص کرج) س، پلاک ۱۲	بمتر ۲۱ بزرگراه لشگ لایشگاه نفت پار	تهران ، کیلو روبـروی پا

TECHNICAL DATA

FAMCO هاييرمىنى





AISI 316 ELECTRO-POLISHED

Fluid connections	1 " TRI-CLAMP
Air connection	1/4" BSP
Max. Flow rate	65 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	3,5 mm
Noise level:	72 dB
Max Viscosity:	20.000 cps
Displacement per Stroke	: 140 CC ~

ATEX ZONE 2 certification as Standard and, on request, ATEX ZONE 1.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

Net Weight	Temperature
7,3 Kg	-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0060	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD

PHOENIX FOOD I20





AISI 316 ELECTRO-POLISHED

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TECHNICAL DATA

Fluid connections	1"1/2"TRI-CLAM
Air connection	3/8" BSP
Max. Flow rate	120 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	4 mm
Noise level:	72 dB
Max Viscosity:	25.000 cps
Displacement per Stroke:	200 CC ~

ATEX ZONE 2 certification as Standard and, on request, **ATEX ZONE 1**.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

PERFORMANCE



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

Net Weight	Temperature		
9.6 Ka	-20°C +95°C		

	MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
	PF0120	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6= DIN	- = zone 2 X = zone 1	AB = STANDARD
24		Image: Second secon	a m c o c o r p . c o m nfo@famcocorp.com	C Tel:•۲	1- F X 0 0 0 0	жкл (к.а (راه لشگری (جاده مخصوص کرچ نت پارس ، پلاک ۱۲	هران ، کیلومتر ۲۱ بزرگر وبـروی یالایشگاه نهٔ	ĩ

TECHNICAL DATA

FAM

PF 170



AISI 316 ELECTRO-POLISHED

Fluid connections	1"1/2 TRI-CLAMP
Air connection	1/2" BSP
Max. Flow rate	170 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	7,5 mm
Noise level:	75 dB
Max Viscosity:	35.000 cps
Displacement per Stroke:	700 CC ~

(Ex) ATEX ZONE 2 certification as Standard and, on request, ATEX ZONE 1.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

Net Weight	Temperature
17,2 Kg	-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0170	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD

PHOENIX FOOD 400





AISI 316 ELECTRO-POLISHED

TECHNICAL DATA

-luid connections	2" TRI-CLAMP
Air connection	1/2" BSP
Max. Flow rate	380 lt/min
Vax air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	8 mm
Noise level:	78 dB
Max Viscosity:	40.000 cps
Displacement per Stroke:	1200 CC ~

EX ATEX ZONE 2 certification as Standard and, on request, ATEX ZONE 1.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

PERFORMANCE



Net Weight	Temperature
25,3 Kg	-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0400	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	EF = STANDARD

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تهران ، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج) روبروی پالایشگاه نفت پارس، پلاک ۱۲

TECHNICAL DATA

FAM





AISI 316 ELECTRO-POLISHED

Fluid connections	2"1/2 TRI-CLAMP
Air connection	3/4" BSP
Max. Flow rate	700 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	8,5 mm
Noise level:	78 dB
Max Viscosity:	50.000 cps
Displacement per Stroke:	3050 CC ~

ATEX ZONE 2 certification as Standard and, on request, ATEX ZONE 1.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.





The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

Net Weight	Temperature
51 Kg	-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF0700	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	EF = STANDARD

PHOENIX FOOD 1000

PF 1000



AISI 316 ELECTRO-POLISHED

TECHNICAL DATA

Fluid connections	3" BSP
Air connection	3/4" BSP
Max. Flow rate	1050 lt/min
Max air pressure	8 bar
Max delivery head	80 m
Max Suction Lift Dry	5 m
Max Suction Lift Wet	9,8 m
Max Solid passing	12 mm
Noise level:	82 dB
Max Viscosity:	55.000 cps
Displacement per Stroke:	9750 CC ~

ATEX ZONE 2 certification as Standard and, on request, ATEX ZONE 1.

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

PERFORMANCE



The curves and performance values refer to pumps with submerged suction and free delivery outlet, with water at 20° C. These data may vary according to the construction materials and hydraulic conditions.

Net Weight	Temperature
111,5 Kg	-20°C +95°C

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
PF1000	S = SS POLISHED	HT = HYTREL+PTFE	T = PTFE S = SS	S = SS	T = PTFE	3 = TRI-CLAMP 1 = BSP 6 = DIN	- = zone 2 X = zone 1	AB = STANDARD

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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲





SPECIAL PUMPS

Air operated double diaphragms pumps with special features: PHOENIX ATEX certification zone I ATEX ACCURATE PHOENIX remote control DRUM PHOENIX to empty drums and tanks TWIN PHOENIX with double inlet/outlet POWDER PHOENIX to handle powder trasferring SUBMERSIBLE PHOENIX ready to be submerged directly into the fluid



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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبـروی پالایشگاه نفت پارس، پلاک ۱۲























PUMPS

AP7 AP18 AP30 AP60 AP90 AP120 AP170 AP252

MAIN APPLICATIONS

- CHEMICAL INDUSTRY
- WASTE DISPOSAL TECHNOLOGY
- FLEXOGRAPHIC INDUSTRY
- PAINTING INDUSTRY
- PRINTING INDUSTRY
- WATER TREATMENT

TECHNICAL DATA

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- C Fax:071 ۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرچ)

روبـروی پالایشگاه نفت پارس، پلاک ۱۲

DRUM PHOENIX

PUMPS

DP18 - DP30 - DP60 - DP120 - DP170

MAIN APPLICATIONS

- CHEMICAL INDUSTRY
- WASTE DISPOSAL TECHNOLOGY
- AUTOMOTIVE INDUSTRY
- FOOD INDUSTRY



TECHNICAL DATA

DRUM PHOENIX are designed for emptying drums and containers, and provide an economical and wear resistant alternative to other pumping systems. In order to handle a wide range of fluids, DP pumps are available in all materials. The pump can be quickly and easily mounted on the drum with its feet. The drum will be completely emptied with a suction pipe.

SUBMERSIBLE PHOENIX

PUMPS

ALL RANGE

MAIN APPLICATIONS

- CHEMICAL INDUSTRY
- WASTE DISPOSAL TECHNOLOGY
- FOOD INDUSTRY
- PETROL-CHEMICAL INDUSTRY





TECHNICAL DATA

SUBMERSIBLE pumps may be submerged into the liquid. It is important to make sure that all components which are in contact with the liquid are chemically compatible. The air exhaust must be led to the atmosphere by means of a hose.

TWIN PHOENIX

PUMPS

ALL RANGE

MAIN APPLICATIONS

- PAINTING INDUSTRY
- WASTEWATER TECHNOLOGY
- PRINTING INDUSTRY
- PAPER PROCESSING
- FLEXOGRAPHIC INDUSTRY



TECHNICAL DATA

TWIN PHOENIX are mainly used in the textile and paper processing industry. These dual action pumps are able to transfer two different media independently and simultaneously.

This is accomplished by using separate connections on the suction and discharge ports, keeping two pumped media isolated from each other, preventing unwanted mixing.

POWDER PHOENIX

PUMPS

PP400 - PP700 IN ALU AND SS

MAIN APPLICATIONS

- PAINTING INDUSTRY
- WASTEWATER TECHNOLOGY
- PRINTING INDUSTRY
- FOOD INDUSTRY
- CHEMICAL INDUSTRY



TECHNICAL DATA

POWDER pumps are designed to move bulk powders more effectively throughout your process vs. other unsafe and labor intensive means.

These heavy duty pumps will consistently transfer fine-grained, low-bulk density dry powders in a dust-free operation.



DAMPER

Pneumatic, automatic pulsation dampeners Realized in: PP, PVDF, ALUMINIUM, SS AISI 316, POMc Applicable to all size of pumps. ATEX ZONE 2 AND ZONE I CERTIFICATION Available also in FOOD version.



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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبـروی پالایشگاه نفت پارس، پلاک ۱۲





The active pulsation dampener is the most efficient way to remove pressure variations on the discharge of the pump. Fluimac pulsation dampener works actively with compressed air, setting automatically the correct pressure to minimize the pulsations. Pulsation dampeners require minimum maintenance and are, subject to the requirements of the application, available in the same housing and diaphragm materials as the pump.

HOW IT WORKS

The pulsating flow of the discharge forces the diaphragm upwards where it is cushioned by the air in the chamber. The flexing of the diaphragm absorbs the pulsation giving a smooth flow.



Significant Pulsation Reduction with an average 70% - 80% pulsation reduction in high back pressure applications.



APPLICATION

- METERING/INJECTION/DOSING: Equalizes discharge pressure spikes, increasing accuracy;
 FILTER PRESS/INLINE FILTERS:
- Increases filter efficiency and life by providing a smooth flow;
 SPRAYING:
 - Smooth, consistent spray pattern;
- FILLING:

Eliminates inconsistent filling and splashing;

• TRANSFER:

Eliminates harmful water hammer, preventing pipe and valve damage.

INSTALLATION



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- 🗐 Fax :• ۲۱ ۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج) روبـروی پالایشگاه نفت پـارس، پلاک ۱۲

.







PP



PVDF+CF

D020



P = PP

S = SS

O = POMc

KC = PVDF+CF

POMc



TECHNICAL DATA

Fluid connections

Air connection

Max air pressure

Capacity Volume

3/4" BSP

6 mm

8 bar

80 CC ~

PP AISI A (mm) 119 119 119 119 B (mm) 143 143 143 143 **Net Weight Kg** 0,65 0,7 0,65 2 Max Temperature +65°C +95°C +80°C +95°C Min Temperature -4°C -20°C -5°C -20°C

DIMENSIONS



(Ex) ATEX ZONE 2 certification as Standard and,

APPLY TO:

on request, ATEX ZONE 1.

AISI

DIAPHRAGM **HT =** HYTREL+PTFE $\mathbf{MT} = \mathbf{SANTOPRENE+PTFE}$ H = HYTREL **M =** SANTOPRENE

1 = BSP 2 = FLANGE 5 = NPT

 $\mathbf{T} = \mathbf{STANDARD}$

PORTS

DAMPER 25

TECHNICAL DATA

(Ex) ATEX ZONE 2 certification as Standard and,

APPLY TO:

on request, ATEX ZONE 1.

Fluid connections Air connection

Max air pressure

Capacity Volume

1" BSP

8 mm 8 bar

200 CC ~

D25



PP







DIMENSIONS

	PP	PVDF	POMc	AISI
A (mm)	181	181	181	181
B (mm)	195	195	195	182
Net Weight Kg	1,75	2	1,9	6,7
Max Temperature	+65°C	+95°C	+80°C	+95°C
Min Temperature	-4°C	-20°C	-5°C	-20°C



PVDF+CF	POMc	AISI		
MODEL	CASING	DIAPHRAGM	CONNECTIONS	PORTS
D025	P = PP KC = PVDF+CF O = POMc S = SS	HT = HYTREL+PTFE MT = SANTOPRENE+PTFE H = HYTREL M = SANTOPRENE D = FPDM	1 = BSP 2 = Flange 5 = NPT	T = STANDARD AB = SS

N = NBR

PVDF POMc

33

DAMPER 4	0
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TECHNICAL DATA



									ΊĽŮ
D40	C							سنعت	هايپره
		Fluid conneo	ctions	1"1/2 BSP		PP	PVDF	POMc	AISI
August		Air connecti	on	10 mm	A (mm)	231	231	231	231
		Max air pres	sure	8 bar	B (mm)	270	270	270	267
-		Capacity Vo	lume	700 CC ~	Net Weight Kg	4	4,6	4,2	5,6
		🔊 ATEX ZONI	E 2 certifica	tion as Standard and.	Max Temperatu	r e +65°C	+95°C	+80°C	+95°C
		on request,	ATEX ZON	E 1.	Min Temperatur	e -4°C	-20°C	-5°C	-20°C
				TO					
	No -	17	0 - 252	2 - 400			Α		
PP	AAG								
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				0		n A ſ			
								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
PVDF+CF	F	POMc	A	AISI				ł	
MODEL	CASING	à	DIAPH	RAGM	CONNECTIONS		PORTS		
D040	P = PP KC = PVDF+0	H Cf M	T = HYTREI I T = SANTO	_+PTFE PRENE+PTFE	1 = BSP 2 = ELANCE				
D040	0 = POMc S = SS	H	= HYTREL I = SANTOP	RENE	5 = NPT		I = STANDA		
		D N	= EPDM = NBR						
DAMPER	50	TECH	INICA	L DATA		DIMEN	ISION	S	
D5 0)								
		Fluid connec	ctions	2" BSP		PP	PVDF	ALU	AISI
۵		Air connecti	on	12 mm	A (mm)	404	404	400	402
		Canacity Vo	lume	0 Dai 2900 CC ~	B (mm)	425	425	425	408
		Capacity VO	iume	2000 00 14	Net Weight Kg	14	17	14,5	21,6
		🕞 ATEX ZONI	E 2 certifica	tion as Standard and,	Max Temperatu	re +65°C	+95°C	+80°C	+95°C
THE PERSON	Mark 1	on request,	ATEX ZON	E I.	Min Temperatur	e -4°C	-20°C	-5°C	-20°C
		ļ	APPLY	TO:		H	A		
	_		700 - 1	000					
PP							•		
•		•		•			<u> </u>		
live car							╨╜╫╙╫		
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PVDF+CF		ALU	4					ųi	_
MODEL	CASING	D	DIAPHRA	GM O-	RING CONNEC	CTIONS	F	PORTS	

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روبروی پالایشگاه نفت پارس، پلاک ۱۲