

Etatron Motor Driven Dosing Pumps

Spring return motor dosing pumps-Piston type ST-P/P Series

Piston type pumps are suitable for high pressure operation, where the pumped liquid is not abrasive and does not contain suspended solid particulates. Dosing accuracy is not essential or critical.

Standard pump head materials are SS316 and PVC. Check valve assemblies (single or double ball types) are designed for easy maintenance and access. Standard connections are BSPm thread.

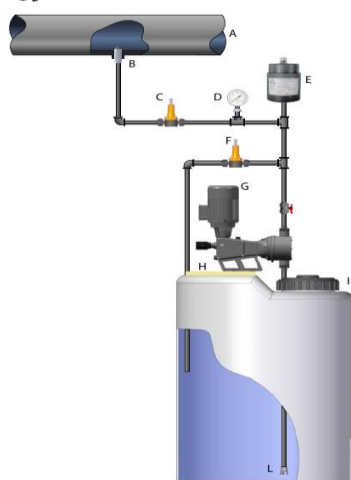
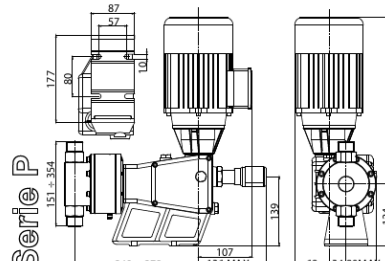
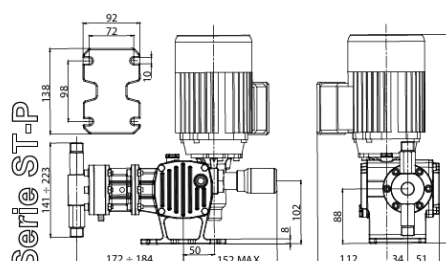
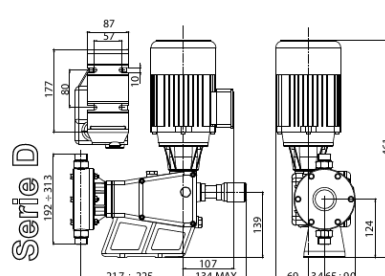
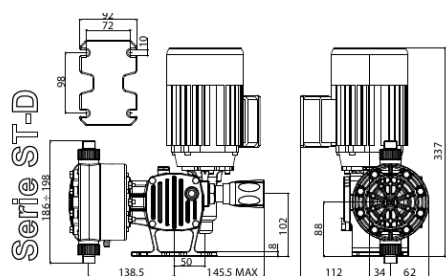
Spring return mechanical diaphragm metering pumps ST-D/D Series

Mechanical diaphragm pump type pumps are suitable when the pumped liquid is abrasive or contains suspended solid particulates. Zero leakage is essential.

Standard pump head materials are SS316 and PVC. Check valve assemblies (single or double ball types) are designed for easy maintenance and access. Standard connections are BSPm thread.

Liquid ends available for the ST-P/P/ST-D/D series include AA (AISI 316 SS), BA (PVC) and CA (PP)

All pumps meet CE standards. The housing is epoxy coated die-cast aluminium. Flow rate control is via a rotary dial for stroke length (10-100% of rated output). The vertically mounted motor drives the pump via a coupling (BP and BD series). Standard motors are TEFC 3-phase operating at 1400rpm (0.18Kw/0.37kW/0.55kW/0.75kW) with Class F isolation, IP55 rated. Standard power supply is 230/400Vca/3 ϕ /50Hz-275/480Vca/3 μ /60Hz. Other power supply options are available.



(UK) SAMPLE INSTALLATION

- A - Main Pipeline
- B - Injection Valve
- C - Backpressure Valve
- D - Pressure Gauge
- E - Pulsation Dampeners
- F - Relief Valve
- G - Dosing Pump
- H - Tank Support
- I - Tank
- L - Foot Valve



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Etatron Motor Driven Dosing Pumps

Serie ST-D



Portata Flow rate l/h (GPH)		Prevalenza Delivery Head Bar (PSI) AISI		Prevalenza Delivery Head Bar (PSI) PP		Colpi/min Strokes/min		Corsa Stroke length mm	Membrana Diaphragm mm	Potenza Power kW	Valvole Valves
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	mm			
10 (2,64)	12 (3,17)	14 (203)	14 (203)	14 (203)	14 (203)	60	72	2,6	50	0,18	½" Gm
16 (4,23)	19 (5,05)	14 (203)	14 (203)	14 (203)	14 (203)	60	72	4			
21 (5,55)	25 (6,66)	14 (203)	12 (174)	14 (203)	12 (174)	120	144	2,6			
27 (7,13)	32 (8,56)	14 (203)	12 (174)	14 (203)	12 (174)	120	144	3,1			
33 (8,72)	40 (10,46)	14 (203)	12 (174)	14 (203)	12 (174)	120	144	4	67	0,18	½" Gm
19 (5,02)	23 (6,02)	11 (160)	11 (160)	11 (160)	11 (160)	60	72	2,6			
30 (7,92)	36 (9,51)	11 (160)	11 (160)	11 (160)	11 (160)	60	72	4			
39 (10,30)	47 (12,42)	11 (160)	10 (145)	11 (160)	10 (145)	120	144	2,6			
51 (13,47)	61 (16,12)	11 (160)	10 (145)	11 (160)	10 (145)	120	144	3,1	85	0,18	½" Gm
60 (15,85)	72 (19,02)	11 (160)	10 (145)	11 (160)	10 (145)	120	144	4			
41 (10,83)	43 (13,00)	7,5 (109)	6,5 (94)	7,5 (109)	6,5 (94)	60	72	2,6			
61 (16,12)	73 (19,34)	7 (102)	6,5 (94)	7 (102)	6,5 (94)	60	72	4			
84 (22,19)	101 (26,63)	6 (87)	5 (72)	6 (87)	5 (72)	120	144	2,6	85	0,18	½" Gm
104 (27,48)	125 (32,97)	6 (87)	5 (72)	6 (87)	5 (72)	120	144	3,1			
123 (32,50)	148 (39,00)	6 (87)	5 (72)	6 (87)	5 (72)	120	144	4			

(UK) Valves type: single ball check valve - **Gm:** Tread gas male BSPm
Standard power supply: 230 – 400 V three phase 50 Hz • 275 – 480 V three phase 60 Hz • isolation class F

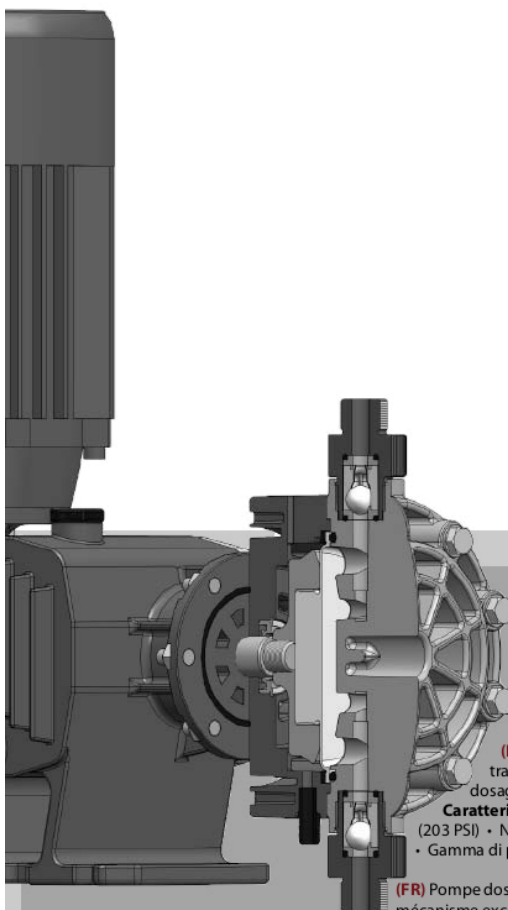
(IT) Tipo di valvola: singola valvola a sfera - **Attacchi:** Gas Maschio
Alimentazione elettrica standard: 230 – 400 V trifase 50 Hz • 275 – 480 V trifase 60 Hz • isolamento classe F

(FR) Type de clapet : clapet a bille simple - **Gm:** Gaz male BSP
Alimentation standard: 230 – 400V triphasée 50Hz – 275 – 480V triphasée 60Hz. Isolation classe F

(SP) Tipo de valvula: valvula unica de bola - **Conexion:** Gas Mascho
Alimentacion electrica standard: 230 – 400 V trifase 50 Hz • 275 – 480 V trifase 60 Hz • aislamiento clase F

(PR) Tipo de válvulas: Esfera simples - **Conexões:** Gás macho
Alimentação elétrica standard: 230 – 400V trifásico 50 Hz • 275 – 480V trifásico 60 Hz • isolamento classe F

(RU) Тип клапанов: одинарный шаровой клапан - **Gm:** внешняя BSPm резьба
Стандартное исполнение: 230 - 400V 50 Гц ~ 3 фазы • 275 – 480V 60Hz ~ 3 фазы • Класс изоляции: F



(UK) Compact mechanical diaphragm dosing pumps with spring return mechanism. A high torque electric motor drives forward stroke via a worm gear and eccentric mechanism. The robust gearbox reduction systems ensures high performances giving reliability and repeatable performance. Fluid displacement by single piece PTFE diaphragm connected directly to the gearbox return rod.

Features: Flow capacities of 10 to 123 l/h (2,64-32,50 GPH) at 50 Hz - 12 a 148 l/h (3,17-39,00 GPH) at 60 Hz • Pressure up to 14 bar (203 PSI) • Strokes: 60-60-120-120-120 at 50 Hz - 72-72-144-144-144 at 60 Hz • Stroke lengths: 2,6-3,1-4 mm - 1"-1,2"-1,6" • Motor Power range: 0,18 kW.

(IT) Pompa dosatrice a membrana meccanica con dispositivo di ritorno a molla. Coppia elevata del motore elettrico. Compressione tramite una vite senza fine e dispositivo eccentrico. Il robusto riduttore assicura prestazioni affidabili e una perfetta ripetibilità del dosaggio. Fluidi aspirati da una membrana interamente in PTFE collegata direttamente al riduttore tramite un pistone.

Caratteristiche: Gamma di portata da 10 a 123 l/h (2,64-32,50 GPH) a 50 Hz - 12 a 148 l/h (3,17-39,00 GPH) a 60 Hz • Pressione fino a 14 bar (203 PSI) • N° Colpi al minuto: 60-60-120-120-120 a 50 Hz - 72-72-144-144-144 a 60 Hz • Lunghezza della corsa: 2,6-3,1-4 mm - 1"-1,2"-1,6" • Gamma di potenza motore: 0,18 kW.

(FR) Pompe doseuse compacte à membrane. Un moteur à couple élevé entraîne la course vers l'avant par l'intermédiaire d'une vis sans fin et d'un mécanisme excentrique. Le système de réduction de boîte de vitesse garantie des performances élevées ainsi qu'une fiabilité et une répétabilité du dosage. Le déplacement du fluide s'opère par le déplacement de la membrane en PTFE directement reliée à la tige de renvoi de la boîte de vitesse.

Caractéristiques: Débit de 10 à 123 l/h à 50Hz – de 12 à 148 l/h à 60Hz • Pression jusqu'à 14 bar. Coups par minute : 60-60-120-120-120 à 50 Hz – 72-72-144-144-144 à 60Hz • Réglage de la course : 2,6, 3,1 et 4 mm. Puissance du moteur : 0,18kW.

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Etatron Motor Driven Dosing Pumps

Serie D



Portata Flow rate l/h (GPH)	Prevalenza Delivery Head Bar (PSI) AISI	Prevalenza Delivery Head Bar (PSI) PVC-PVDF	Colpi/min Strokes/min	Corsa Stroke length mm	Membrana Diaphragm mm	Potenza Power kW	Valvole Valves
50 Hz 60 Hz	50 Hz 60 Hz	50 Hz 60 Hz	50 Hz 60 Hz	mm	mm	kW	
56 (14,80) 67(17,75)	12 (174) 11 (160)	10 (145) 10 (145)	60 72	7.9	75	0,25	¾" Gm
79 (20,87) 95 (25,05)	12 (174) 11 (160)	10 (145) 10 (145)	60 72	10			
113 (29,85) 136 (35,83)	10 (145) 8 (116)	10 (145) 8 (116)	103 122	8.5			
135 (35,67) 162 (42,80)	10 (145) 8 (116)	10 (145) 8 (116)	103 122	10			
158 (41,74) -	8 (116) -	8 (116) -	120 -	10			
104 (27,48) 125 (32,97)	7,5 (109) 6 (87)	7,5 (109) 6 (87)	60 72	7.9	95	0,25	1" Gm
150 (39,63) 180 (47,56)	7,5 (109) 6 (87)	7,5 (109) 6 (87)	60 72	10			
209 (55,22) 251 (66,26)	6 (87) 5 (73)	6 (87) 5 (73)	103 122	8.5			
257 (67,90) 308 (81,48)	6 (87) 5 (73)	6 (87) 5 (73)	103 122	10			
300 (79,26) -	5 (73) -	5 (73) -	120 -	10			
188 (49,67) 226 (59,60)	3,5 (51) 3 (44)	3,5 (51) 3 (44)	60 72	7.9	115	0,37	1" Gm
278 (73,45) 334 (88,14)	3,5 (51) 3 (44)	3,5 (51) 3 (44)	60 72	10			
420 (111,0) 504 (133,2)	2,5 (36) 2 (29)	2,5 (36) 2 (29)	103 122	8.5			
478 (126,3) 574 (151,6)	2,5 (36) 2 (29)	2,5 (36) 2 (29)	103 122	10			
535 (141,4) -	2 (29) -	2 (29) -	120 -	10			
188 (49,67) 226 (59,60)	4 (58) 3,5 (51)	4 (58) 3,5 (51)	60 72	7.9	115	0,37	1" Gm
278 (73,45) 334 (88,14)	4 (58) 3,5 (51)	4 (58) 3,5 (51)	60 72	10			
420 (111,0) 504 (133,2)	3 (43) 2,5 (36)	3 (43) 2,5 (36)	103 122	8.5			
478 (126,3) 574 (151,6)	3 (43) 2,5 (36)	3 (43) 2,5 (36)	103 122	10			
535 (141,4) -	2,5 (36) -	2,5 (36) -	120 -	10			

(UK) Gm: Tread gas male BSPm - **Valves type:** AISI 316: single ball check valve, PVC and PVDF: double ball check valve.
Standard power supply: 230 - 400 V three phase 50 Hz • 275 - 480 V three phase 60 Hz • isolation class F.

(IT) Attacchi: Gas Maschio - **Tipo di valvola:** AISI 316: singola valvola a sfera, PVC e PVDF: doppia valvola a sfera.
Alimentazione elettrica standard: 230 - 400 V trifase 50 Hz • 275 - 480 V trifase 60 Hz • isolamento classe F.

(FR) Gm: Gaz mâle BSP - **Type de clapet:** Clapet à bille simple INOX 316, double clapet à bille PVC ou PVDF.
Alimentation standard: 230 - 400V triphasée 50Hz • 275 - 480V triphasée 60Hz • Isolation classe F.

(SP) Conexión: Gas Mascho - **Tipo de valvula:** AISI 316: valvula unica de bola, PVC y PVDF: doble valvula de esfera.
Alimentación eléctrica standard: 230 - 400 V trifase 50 Hz • 275 - 480 V trifase 60 Hz • aislamiento clase F.

(PR) Conexões: Gas macho - **Tipo de válvulas:** Aço Inox 316: válvula esfera simples, PVC e PVDF: válvula de esfera dupla.
Alimentação elétrica standard: 230 - 400 V trifásico 50 Hz • 275 - 480 V trifásico 60 Hz • isolamento classe F.

(RU) Gm: внешняя BSPm резьба - **Тип клапанов:** н/ст AISI 316: одинарный шаровый клапан, ПВХ и PVDF: двойные шаровые клапана.
Стандартное исполнение: 230 - 400V 50 Гц ~ 3 фазы • 275 - 480V 60Hz ~ 3 фазы • Класс изоляции: F.

(UK) Mechanical diaphragm dosing pumps, stroke spring return length controlled by an eccentric gearbox. Easy and minimum maintenance required. A contained PTFE diaphragm ensures chemical compatibility with any dosed chemicals. Manual stroke adjustment and optional 4-20 mA automatic capacity control.

Features: Flow capacities of 56 to 535 l/h (14,80 to 141,4 GPH) at 50 Hz - 67 to 574 l/h (17,75 to 151,6 GPH) at 60 Hz • Pressure up to 12 bar (174 PSI) • Strokes: 60-60-103-103-120 at 50 Hz - 72-72-122-122 at 60 Hz • Stroke lengths: 7,9-8,5-10 mm - 3,1"-3,3"-3,9" • Motor Power range: 0,25-0,37 kW.

(IT) Pompe dosatrici a membrana meccanica. Corsa comandata da un eccentrico con ritorno a molla. Manutenzione togliere facile e ridotta al minimo. La membrana multistrato con PTFE a contatto con il liquido assicura la compatibilità chimica con i prodotti chimici dosati. Regolazione manuale della corsa tramite manopola micrometrica. Opzionale regolazione automatica mediante segnale in ingresso 4-20 mA.

Caratteristiche: Gamma portate 56-535 l/h (14,80-141,4 GPH) a 50 Hz - 67-574 l/h (17,75-151,6 GPH) a 60 Hz • Pressione fino a 12 bar (174 PSI) • N° colpi al minuto: 60-60-103-103-120 a 50 Hz - 72-72-122-122 a 60 Hz • Lunghezza della corsa: 7,9-8,5-10 mm - 3,1"-3,3"-3,9" • Gamma di potenza del motore: 0,25-0,37 kW.

(FR) Pompe doseuse électromécanique à membrane qui demande peu de maintenance. Une membrane en PTFE assure la compatibilité chimique avec les produits dosés. Ajustement manuel de la course et en option régulation 4-20mA.

Caractéristiques: Débit de 56 à 535 l/h à 50Hz - de 67 à 574 l/h à 60Hz • Pression jusqu'à 12 bar. Coups par minute : 60-60-103-103-120 à 50 Hz - 72-72-122-122 à 60Hz • Réglage de la course : 7,9, 8,5 et 10 mm. Puissance du moteur : 0,25-0,37kW.

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Etatron Motor Driven Dosing Pumps

Serie ST-P

Portata Flow rate l/h (GPH)		Prevalenza Delivery Head Bar (PSI) AISI		Prevalenza Delivery Head Bar (PSI) PVC-PVDF		Colpi/min Strokes/min		Corsa Stroke length	ø Pistone ø Piston	Potenza Power	Valvole Valves
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	mm	mm	kW	
6 (1,59)	7 (1,85)	20 (290)	20 (290)	10 (145)	10 (145)	60	72	9.3	16	0,18	½" Gm
11 (2,91)	13 (3,49)	20 (290)	20 (290)	10 (145)	10 (145)	60	72	15			
13 (3,43)	-	20 (290)	-	10 (145)	-	120	-	9.3			
18 (4,76)	-	20 (290)	-	10 (145)	-	120	-	12.3			
22 (5,81)	-	20 (290)	-	10 (145)	-	120	-	15			
23 (6,08)	28 (7,29)	13,5 (196)	11 (157)	10 (145)	10 (145)	60	72	9.3	30	0,18	
39 (10,30)	47 (12,36)	13,5 (196)	11 (157)	10 (145)	10 (145)	60	72	15			
46 (12,15)	-	10 (145)	-	10 (145)	-	120	-	9.3			
64 (16,91)	-	10 (145)	-	10 (145)	-	120	-	12.3			
77 (20,34)	-	10 (145)	-	10 (145)	-	120	-	15			
58 (15,32)	70 (18,39)	4.5 (65)	4 (58)	4.5 (65)	4 (58)	60	72	9.3	48		¾" Gm
95 (25,10)	114 (30,12)	4.5 (65)	4 (58)	4.5 (65)	4 (58)	60	72	15			
116 (30,65)	-	3.5 (51)	-	3.5 (51)	-	120	-	9.3			
157 (41,48)	-	3.5 (51)	-	3.5 (51)	-	120	-	12.3			
190 (50,20)	-	3.5 (51)	-	3.5 (51)	-	120	-	15			

(UK) Gm: Tread gas male BSPm - Valves type: Piston Ø16, Ø30 and Ø48 (PVC and PVDF): double ball check valve, AISI 316 piston Ø48: single ball check valve.
Standard power supply: 230 - 400 V three phase 50 Hz • 275 - 480 V three phase 60 Hz • isolation class F
Upon Request: Configuration with high capacity valves for viscous liquids (AISI) 3/4" connection.

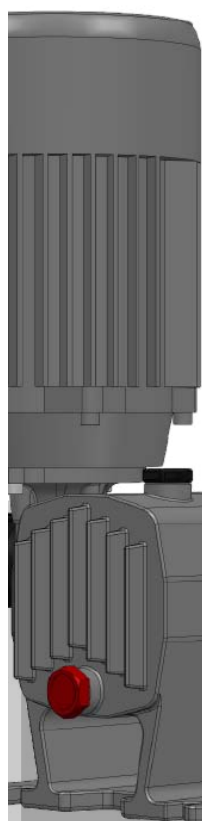
(IT) Attacchi: Gas Maschio - Tipo di valvola: Pistone Ø16, Ø30 e Ø48 (PVC e PVDF): doppia valvola a sfera, Pistone Ø48 AISI 316: singola valvola a sfera.
Alimentazione elettrica standard: 230 - 400 V trifase 50 Hz • 275 - 480 V trifase 60 Hz • isolamento classe F
A richiesta: valvole maggiorate per liquidi viscosi (in AISI) attacchi 3/4".

(FR) Gm: Gaz mâle BSP - Type de clapet: pour les pistons Ø16, Ø30 et Ø48 (PVC et PVDF): double clapet à bille INOX 316 et pour piston Ø48: simple clapet à bille.
Alimentation électrique standard: 230 - 400 V trifase 50 Hz • 275 - 480 V trifase 60 Hz • isolement classe F
Sur demande: Clapet pour liquide visqueux (INOX), raccord 3/4".

(SP) Conexión: Gas Mascho - Tipo de válvula: Pistone Ø16, Ø30 e Ø48 (PVC e PVDF): doble valvula de esfera, Piston Ø48 AISI 316: valvula unica de bola
Alimentación eléctrica standard: 230 - 400 V trifase 50 Hz • 275 - 480 V trifase 60 Hz • aislamiento clase F
Bajo pedido: valvula para líquidos viscosos (en AISI) racord 3/4"

(PR) Conexões: Gas macho - Tipo de válvulas: Pistão Ø16, Ø30 e Ø48 (PVC e PVDF): válvulas de esfera dupla, Pistão Inox 316 Ø48: Válvula de esfera simples
Alimentação elétrica standard: 230 - 400 V trifásico 50 Hz • 275 - 480 V trifásico 60 Hz • isolamento classe F
Sob requisição: Configuração com válvulas de alta capacidade para líquidos viscosos (em Inox 316) conexões 3/4"

(RU) Gm: внешняя BSPm резьба - Тип клапанов: для плунжера Ø16, Ø30 и Ø48 (ПВХ и ПВХДФ): двойные шаровые клапана; для плунжера Ø48 (н/ст AISI 316) - одинарный шаровой клапан - Стандартное исполнение: 230 - 400V 50 Гц ~ 3 фазы • 275 - 480V 60Hz ~ 3 фазы • Класс изоляции: F
По запросу: конфигурация с клапанами высокой производительности 3/4" для вязких жидкостей (для насосов серии ST-P AA н/ст AISI 316)



(UK) Compact mechanical piston dosing pumps, spring return mechanism, reduction gear are fully enclosed and operate in an oil bath lubricated aluminium casing. Long life V-Rings seals providing the best seal for dynamic, high temperature and caustic environments. The V-Ring seal is an all-rubber seal that seats directly on the pump piston and seals axially. The V-Ring seal is not recommended in abrasive conditions.

Features: Flow capacities of 6 to 190 l/h (1,59 to 50,20 GPH) at 50 Hz - 7 to 114 l/h (1,85 to 30,12 GPH) at 60 Hz • Pressure up to 20 bar (290 PSI) • Strokes: 60-60-120-120-120 at 50 Hz - 72-72 at 60 Hz • Stroke lengths: 9,3-12,3-15 mm - 3,7"-4,8"-5,9" • Motor Power range: 0,18 kW.

(IT) Pompa dosatrice compatta a pistone, ritorno con meccanismo a molla, riduttore a bagno d'olio. Cassa in alluminio pressofuso con rivestimento anticorrosivo. I V-Ring forniscono la miglior tenuta dinamica, ad alta temperatura e in ambienti caustici. Guarnizioni di tenuta di tipo V-Ring, in diversi elastomeri, per una migliore tenuta in funzione del liquido dosato. I V-Ring non è consigliato con liquidi abrasivi.

Caratteristiche: Gamma delle portate da 6 a 190 l/h (1,59-50,20 GPH) a 50 Hz - da 7 a 114 l/h (1,85-30,12 GPH) a 60 Hz • Pressione fino a 20 bar (290 PSI) • N° di colpi al minuto: 60-60-120-120-120 a 50 Hz - 72-72 a 60 Hz • Lunghezza della corsa: 9,3-12,3-15 mm - 3,7"-4,8"-5,9"

• Gamma di potenza motore: 0,18 kW.

(FR) Pompes doseuse électromécanique compacte à piston, retour avec mécanisme de ressort, réducteur dans un bain d'huile contenu dans un boîtier en aluminium. Joints résistants procurant une bonne étanchéité aussi bien à des températures élevées qu'à des environnements corrosifs. Le joint d'étanchéité est entièrement en caoutchouc et se trouve directement sur le piston de la pompe. Ces joints ne sont recommandés pour des liquides abrasifs.

Caractéristiques: Débit de 6 à 190 l/h à 50Hz - de 7 à 114 l/h à 60Hz • Pression jusqu'à 20 bar. Coups par minute: 60-60-120-120-120 à 50 Hz - 72-72 à 60 Hz • Réglage de la course: 9,3, 12,3 et 15 mm. Puissance du moteur: 0,18 kW.

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Serie P



(UK) Gm: Tread gas male BSPm
Valves type: Piston Ø16, Ø30, Ø48 e Ø67
 (PVC and PVDF): double ball check valve
 Piton Ø48 (AISI 316), Ø67 (AISI 316)
 e Ø95 (PVC and AISI 316):
 single ball check valve

Standard power supply: 230 – 400 V
 three phase 50 Hz • 275 – 480 V
 three phase 60 Hz • isolation class F

Upon Request: Configuration with
 high capacity valves for viscous
 liquids (AISI) 3/4" connection

(IT) Attacchi: Gas Maschio
Tipo di valvola: Pistone Ø16, Ø30,
 Ø48 e Ø67 (PVC e PVDF): doppia
 valvola a sfera Pistone Ø48
 (AISI 316), Ø67 (AISI 316)
 e Ø95 (PVC e AISI 316):
 singola valvola a sfera

Alimentazione elettrica standard:
 • 230 – 400 V trifase 50 Hz
 • 275 – 480 V trifase 60 Hz
 • isolamento classe F

A richiesta: valvole maggiorate
 per liquidi viscosi (in AISI)
 attacchi 3/4"

Portata Flow rate l/h (GPH)		Prevalenza Delivery Head Bar (PSI) AISI		Prevalenza Delivery Head Bar (PSI) PVC-PVDF		Colpi/min Strokes/min		Corsa Stroke length mm	Ø Pistone Ø Piston mm	Potenza Power kW	Valvole Valves
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz				
14 (3,69)	17 (4,49)	25 (360)	25 (360)	-	-	60	72	20	16	0,25	½" Gm
24 (6,34)	29 (7,66)	25 (360)	25 (360)	-	-	103	122	20			
29 (7,66)	-	25 (360)	-	-	-	120	-	20			
34 (8,98)	41 (10,78)	20 (290)	20 (290)	10 (145)	10 (145)	60	72	13	30		
52 (13,74)	63 (16,64)	20 (290)	20 (290)	10 (145)	10 (145)	60	72	20			
66 (17,44)	78 (20,60)	20 (290)	18 (261)	10 (145)	10 (145)	103	122	14,5		0,37	¾" Gm
88 (23,25)	106 (28,00)	20 (290)	18 (261)	10 (145)	10 (145)	103	122	20			
103 (27,21)	-	18 (261)	-	10 (145)	-	120	-	20			
83 (21,93)	100 (26,31)	12 (174)	9,5 (138)	10 (145)	9,5 (138)	60	72	13	48		
128 (33,81)	153 (40,42)	12 (174)	9,5 (138)	10 (145)	9,5 (138)	60	72	20			
158 (41,74)	188 (49,66)	9 (131)	7,5 (109)	9 (131)	7,5 (109)	103	122	14,5		0,55	1" Gm
220 (58,12)	260 (68,68)	9 (131)	7,5 (109)	9 (131)	7,5 (109)	103	122	20			
256 (67,63)	-	7,5 (109)	-	7,5 (109)	-	120	-	20			
163 (43,06)	196 (51,68)	6 (87)	5 (72)	6 (87)	5 (72)	60	72	13	67		
251 (66,31)	302 (79,78)	6 (87)	5 (72)	6 (87)	5 (72)	60	72	20			
312 (82,42)	374 (98,80)	4,5 (65)	3,5 (51)	4,5 (65)	3,5 (51)	103	122	14,5		0,75	1½" Gm
431 (113,86)	512 (135,26)	4,5 (65)	3,5 (51)	4,5 (65)	3,5 (51)	103	122	20			
503 (132,88)	-	3,5 (51)	-	3,5 (51)	-	120	-	20			
83 (21,93)	100 (26,31)	18 (262)	14,5 (210)	10 (145)	10 (145)	60	72	13	48		
128 (33,81)	153 (40,42)	18 (262)	14,5 (210)	10 (145)	10 (145)	60	72	20			
158 (41,74)	188 (49,66)	16 (232)	13 (189)	10 (145)	10 (145)	103	122	14,5		0,37	¾" Gm
220 (58,12)	260 (68,68)	16 (232)	13 (189)	10 (145)	10 (145)	103	122	20			
256 (67,63)	-	13 (189)	-	10 (145)	-	120	-	20			
163 (43,06)	196 (51,68)	9 (131)	7,5 (109)	9 (131)	7,5 (109)	60	72	13	67		
251 (66,31)	302 (79,78)	9 (131)	7,5 (109)	9 (131)	7,5 (109)	60	72	20			
312 (82,42)	374 (98,80)	7 (102)	5,5 (80)	7 (102)	5,5 (80)	103	122	14,5		0,55	1" Gm
431 (113,86)	512 (135,26)	7 (102)	5,5 (80)	7 (102)	5,5 (80)	103	122	20			
503 (132,88)	-	6 (87)	-	6 (87)	-	120	-	20			
251 (66,30)	302 (79,78)	11 (160)	9,5 (138)	11 (160)	9,5 (138)	60	72		67		
431 (113,86)	512 (135,26)	9 (131)	8 (116)	9 (131)	8 (116)	103	122				
503 (132,9)	-	8 (131)	-	8 (131)	-	120	-			0,75	1½" Gm
513 (135,52)	614 (162,20)	5,5 (80)	4,5 (65)	5,5 (80)	4,5 (65)	60	72		95		
838 (221,38)	1004 (265,2)	4 (58)	3 (44)	4 (58)	3 (44)	103	122				
1027 (271,3)	-	3 (44)	-	3 (44)	-	120	-				
251 (66,30)	302 (79,78)	19 (276)	17,5 (254)	10 (145)	10 (145)	60	72		67		
431 (113,86)	512 (135,26)	16,5 (239)	14,5 (210)	10 (145)	10 (145)	103	122			0,75	1" Gm
503 (132,9)	-	14,5 (210)	-	10 (145)	-	120	-				
513 (135,52)	614 (162,20)	12 (174)	10 (145)	10 (145)	10 (145)	60	72		95		
838 (221,38)	1004 (265,2)	8 (116)	6,5 (94)	8 (131)	6,5 (94)	103	122				
1027 (271,3)	-	6,5 (94)	-	6,5 (94)	-	120	-				

(UK) Designed to handle the toughest applications. plungers are made in AISI 316 or Ceramics. The BP pump will increase process reliability due to its robust, state of the art design enabling Etatron D.S. dosing pumps to meet the requirements of almost any application to treat effluent water and waste water, slurry, processing waste, wood yard waste and recycling. Etatron D.S. pumps are used across many industries such as brewing, chemical, pharmaceuticals, detergency, agriculture and other application areas.

Features: Flow capacities of 14 to 1027 l/h (3,69 to 271,3 GPH) at 50 Hz - 17 to 1004 l/h (4,49 to 265,2 GPH) at 60 Hz • Pressure up to 25 bar (360 PSI) • Strokes: 60-60-103-103-120 at 50 Hz - 72-72-122-122 at 60 Hz • Stroke lengths: 13-14,5-20 mm - 5,1"-5,7"-7,8" • Motor Power range: 0,25-0,37-0,55 and 0,75 kW.

(IT) Progettata per gestire le applicazioni più impegnative. I pistoni sono realizzati in acciaio inox AISI 316 o Ceramica. Le pompe BP aumentano l'affidabilità del processo grazie alla loro robustezza. Rappresentano lo stato dell'arte della progettazione Etatron D.S. Consentono di soddisfare le esigenze del dosaggio nei diversi campi di applicazione. Troverete queste pompe in molti settori quali l'alimentare, chimico, farmaceutico, lavanderie industriali, agricoltura e altre aree di applicazione.

Caratteristiche: Gamma di portata di 14-1027 l/h (3,69-271,3 GPH) a 50 Hz - 17-1004 l/h (4,49-265,2 GPH) a 60 Hz • Pressione fino a 25 bar (360 PSI) • N° colpi al minuto: 60-60-103-103-120 a 50 Hz - 72-72-122-122 a 60 Hz • Lunghezza della corsa: 13-14,5-20 mm - 5,1"-5,7"-7,8" • Gamma di potenza del motore: 0,25-0,37-0,55-0,75 kW.

(FR) Conçus pour résister aux applications les plus exigeantes, le piston est réalisé en INOX 316 ou en céramique. Grâce à sa robustesse et à sa conception, la pompe BP permet d'augmenter la fiabilité du procédé. Les pompes Etatron D.S. permettent de répondre aux exigences d'un grand nombre d'application telles que le traitement des effluents, des eaux usées, des boues et recyclage. Les pompes Etatron D.S. sont implantées dans un grand nombre d'industries telles que le brassage, la chimie, la pharmacie, la détergence et l'agriculture.

Caractéristiques: Débit de 14 à 1027 l/h à 50Hz - de 17 à 1004 l/h à 60Hz • Pression jusqu'à 25 bar • Coups par minute : 60-60-103-103-120 à 50 Hz - 72-72-122-122 à 60Hz • Réglage de la course: 13, 14,5 et 20 mm • Puissance du moteur: 0,25-0,37-0,55 et 0,75kW.



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