Brass rotary vane pumps, clamp mount





The rotary vane pumps, sold worldwide under the trademark Rotoflow, are volumetric pumps designed for pumping water and moderate aggressive liquids with low flow at high pressure.

Technical features and manufacturing characteristics

The rotary vane pump is brass made with a stainless steel AISI 303 rotor, while the pumping chamber and the vanes are in graphitic carbon. The inlet and outlet ports are 3/8" NPT threaded.

The pump is equipped with a built-in bypass; a special balanced by-pass (able to maintain the set pressure for variations of the inlet pressure) is available upon request.

A built-in mechanical filter with a 71 mesh screen is available on all models.

All models, upon request, are available:

 with special clearances (suffix - H) for temperature higher than 70 °C (158 °F) max 90 °C (194 °F)

with Viton/EPDM seals (suffix - V/E) for special fluids

 NSF listed pumps for potable water In this case the prefix for each model is PA instead of PO.





Main applications

- -Beverage vending machines
- -Post-mix drink dispensers
- -Espresso coffee machines
- -Cooling systems
- Reverse osmosis
- -Ultra-filtration

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Flow (I/h) at 2 E Flow (I/h) at 7 E Flow (I/h) at 14	/PA	070	071	074	071x	074x	100	101		101x	104x	1500	1501		1501x	1504	x 200	201		Louissaurun	204
low (l/h) at 14				100					150					190					236		
				89		_			139	_				179			-	_	225		
GUIRO	BAR			70 A-A					120 B-B		_			160 C-C	_		-		206 D-D		
igure		NO	CTD	BAL	-	BAL	NO	etd	BAL	STD	RAL	NO	STD	BAL	STD	RAI	NC	STD			R/
y-Pass uilt in filter	-		NO	DAL		YES	NU	NO	DAL		YES	NO	NO	DAL		ES	- 110	NO	DAL	YE	
		2510		2504		2504x	300	301	304	301x	Concernant of the second	2500		2504	3501x		× 100	401	101	401x	1
MODEL PO low (I/h) at 2 E		2010	2001	295	4	20048	300	301	345	JUIX	3048	3300	3301	390	00017	0004	× 400	401	404		40
low (l/h) at 7 E			_	284					334					379					434		
low (l/h) at 14				265				-	315					360					415		
igure				E-E					F-F					G-G			_		H-H		
D = STANDA	RD I	BAL = E	BALA	NCED)																
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500																		1			
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00- 400-				-			-	_								_				G	
350	F		_	-							-		_								1
	E															-	-			F	_
300-300-							-	-				-								E	
250	D							-			-	-									-
60 - 000	С									_						_				D	
200 -	В						-	-	_											С	
40 150							-	_												В	-
100 -	A																				-
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gure				A'-A'					B'-B'		-			C'-C'					88		
y-Pass		NO	STD	BAL	1	BAL	NO	STD	-										88 D'-D	i.	_
uilt in filter	-	the second se						UIU	BAL	STD	BAL	NO	STD	BAL	STD	BAL	. NC	STD	D'-D	STD	B
			NO			YES	NO		BAL		BAL	NO	STD NO			BAL	. NC) STD NO	D'-D		
MODEL PO	/PA		NO 2501	2504		YES 2504x		NO		1	YES		NO	BAL	YI	ES		NO	D'-D BAL	STD YE	S
				2504 95		YES 2504x					YES		NO	BAL		ES		NO	D'-D BAL	STD YE 401x	S
ow (GPH) at a	20 PSI							NO	304	1	YES		NO	BAL 3504	YI	ES		NO	D'-D BAL 404 144 140	STD YE 401x	S
ow (GPH) at 2 ow (GPH) at 1 ow (GPH) at 2	20 PSI 100 PSI			95 91 85	2501x			NO	304 111 107 101	1	YES		NO	BAL 3504 127 123 117	YI	ES		NO	D'-D BAL 404 144 140 134	STD YE 401x	S
ow (GPH) at 2 ow (GPH) at 1 ow (GPH) at 2 gure	20 PSI 100 PSI 200 PSI	2510	2501	95 91 85 E'-E	2501x			NO	304 111 107	1	YES		NO	BAL 3504 127 123	YI	ES		NO	D'-D BAL 404 144 140	STD YE 401x	S
ow (GPH) at 2 ow (GPH) at 1 ow (GPH) at 2 gure) = STANDA	20 PSI 100 PSI 200 PSI		2501	95 91 85 E'-E	2501x			NO	304 111 107 101	1	YES		NO	BAL 3504 127 123 117	YI	ES		NO	D'-D BAL 404 144 140 134 H'-H	STD YE 401x	S 40
w (GPH) at 2 bw (GPH) at 1 bw (GPH) at 2 gure 0 = STANDA 0 GPH	20 PSI 100 PSI 200 PSI	2510	2501	95 91 85 E'-E	2501x			NO	304 111 107 101	1	YES		NO	BAL 3504 127 123 117	YI	ES		NO	D'-D BAL 404 144 140 134 H'-H	STD YE 401x	S 40
ow (GPH) at 2 ow (GPH) at 1 ow (GPH) at 2 gure D = STANDA 160 140	20 PSI 100 PSI 200 PSI	2510	2501	95 91 85 E'-E	2501x			NO	304 111 107 101	1	YES		NO	BAL 3504 127 123 117	YI	ES		NO	D'-D BAL 404 144 140 134 H'-H	STD YE 401x '	S 40 RP
ow (GPH) at 2 ow (GPH) at 1 ow (GPH) at 2 gure D = STANDA 160 140	20 PSI 100 PSI 200 PSI	2510	2501	95 91 85 E'-E	2501x			NO	304 111 107 101	1	YES		NO	BAL 3504 127 123 117	YI	ES		NO	D'-D BAL 404 144 140 134 H'-H	STD YE 401x	40
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