

אלוחהג הההץ אנוופנהגון



Dominator Pump, since 1981 Swedish manufacturer of Air Operated Double Diaphragm Pumps (AODD), is a World Wide Specialist for difficult and critical pump applications. Dominator pumps are not! developed for low technical requirements but just for the opposite, where traditional AODD pump manufactures cannot reach the high demands or even fail. Dominator pumps have already Proven to be very Reliable in 24/7 operation. Own designed (patented) quality parts and valves, Swedish workmanship and excellent after sales service, makes **Dominator AODD pumps most cost efficient!!**

P18-Series Stainless Steel Hygienic AODD Pump

General information

Max. capacity: 18 litres / min. Discharge capacity can be adjusted from 0 - 100% Max. pressure: 10 bars Max. Air consumption: 150 litres / min. Air inlet connection: 1/4" Air-valve type: Excentrical (patented) Max.operating temperature: 85' Celsius Max. Particle sizes: 3 mm Fluid connection: 14 mm Tri-clover (or 1/2" male threads) Principles: Self-priming and can be run dry Pumpbody: Chem-nickled Aluminium Easy clamp assemble & dissemble system Cleaning: Sterilized by autoclave or "CIP" cleaned upto 130 'C Special Design: Meets requirements of food and pharmaceutical industry Weight: 7 Kg

Wetted parts

Pump body: Polished Stainless Steel SIS 2343 Manifolds: Polished Stainless Steel SIS 2343







אמשהא ההחקי אנוופנהתוי

Datasheet P18-Series



	M Decrease in pumping rate for viscous liquids									Example: During the conveyance of a product with a viscosity of 6000 mPa · s, the pumping rate decreases					%	Decrease in p						
pacity			/	-							to 60 percent of the rated value, based on water.			grat							1	
D Cal	40													-idu								
۲.	40													- in p	40					Example: With a suction lift of 4 mWC, the pumping rate decreases by about 20%. This figure varies with different		
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₹	č	2,0	00 4,0	00 6,0	000 8,	000 10,	000 12,	000 14,	000 16,	000 18,	,000 20	0,000 22,0	00	ě	0	1	2	4	3	8		10 mWC
	v	iscosity of th	ne transporte	d medium ml	Pa · s/cP										Su	uction head						



DOMINATOR

PROVEN RELIABILITY