



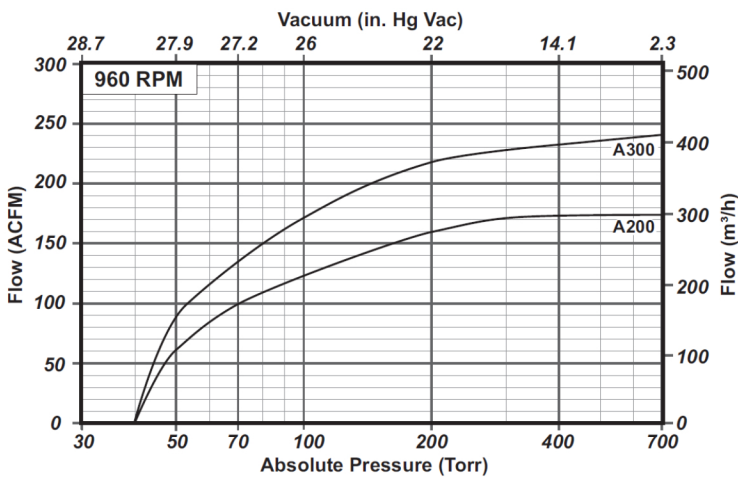
Atlantic Fluidics A200, A300

Technical Specifications

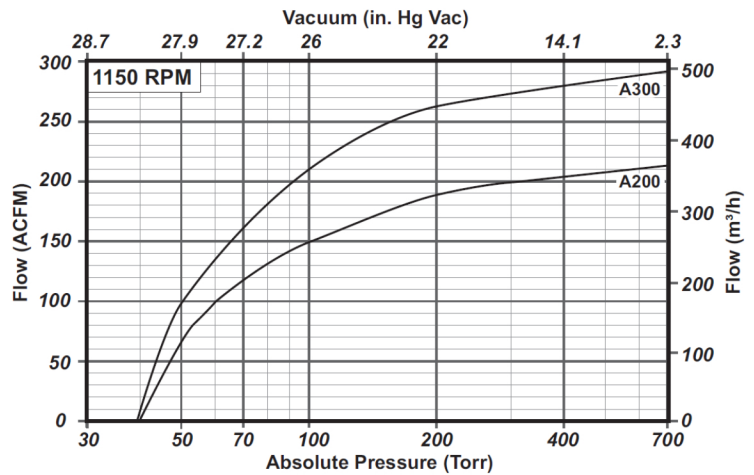
SINGLE STAGE PUMP MODEL	VACUUM RANGE					
	0 - 10" Hg (0 - 340 mbar g)		10 - 25" Hg (340 - 840 mbar g)		> 25" Hg (> 840 mbar g)	
	GPM	L/min	GPM	L/min	GPM	L/min
A5	1	3.8	1.5	5.7	2.0 - 3.0	7.6 - 11.4
A10						
A15	1.5	5.7	2.0	7.6	2.0 - 3.5	7.6 - 13.2
A20						
A75	2.0	7.6	2.5	7.6	3.0 - 4.0	11.4 - 15.1
A100						
A130						
A200	3.0	11.4	5.0	18.9	6.0 - 8.0	22.7 - 30.3
A300	4.0	15.1	6	22.7	8.0 - 10.0	30.3 - 37.9
A600	12	45.4	16	60.6	18-20	68.1-75.7

Pumping Curves

50Hz



60Hz





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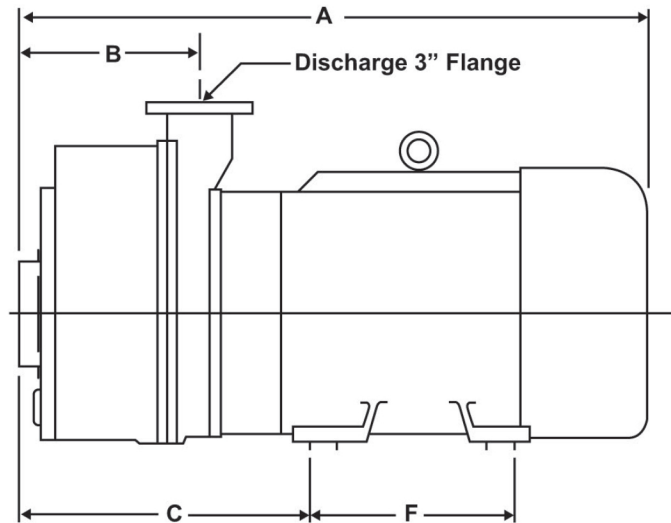
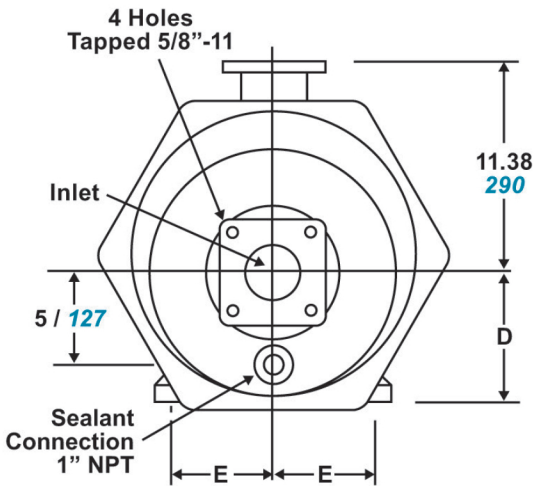
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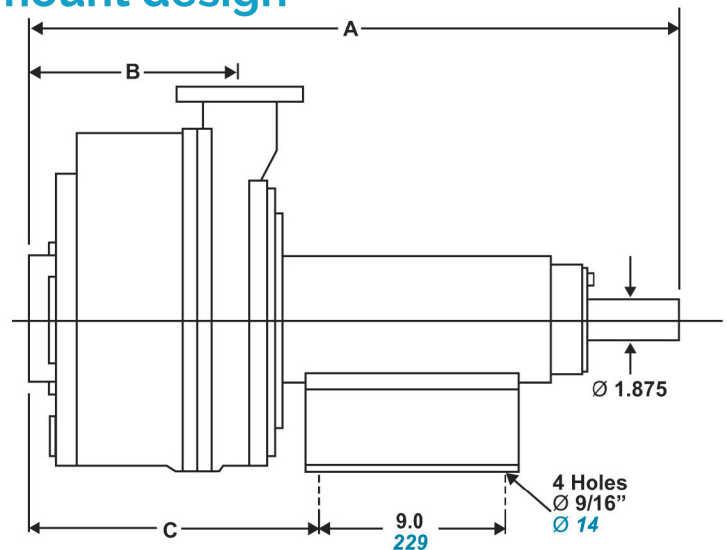
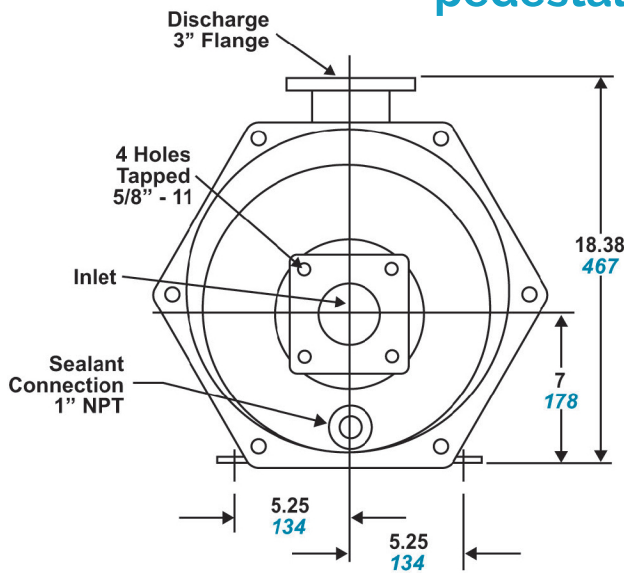
Dimensions

close-coupled design



MODEL	FRAME	INLET	inches/mm						MOTOR HP	Weight (lbs./kg)
			A	B	C	D	E	F		
A200	284TYZ	3" Flange	32.4 / 823	8.3 / 211	14.2 / 361	7.0 / 178	5.50 / 140	11.0 / 279	15	560 / 254
A300	284TYZ	3" Flange	33.7 / 856	9.7 / 246	15.6 / 396	7.0 / 178	5.50 / 140	11.0 / 279	20	600 / 272

pedestal mount design



MODEL	INLET	inches/mm			Weight (lbs./kg)
		A	B	C	
A200	3" Flange	28.81 / 732	8.31 / 211	11.88 / 302	250 / 114
A300	3" Flange	30.19 / 767	9.69 / 246	13.25 / 337	325 / 148



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Atlantic Fluidics A200, A300 Features & Benefits

- no contact between operating components in the casing
- flat power curve over entire vacuum range prevents motor overload
- reduced stress on motor shaft and bearings
- increased water handling capability prevents heat build-up, extends the life of mechanical seals
- compact, close-coupled design eliminates need for interstage manifold or motor alignment
- shrouded rotor increases pumping efficiency for high vacuum & low water consumption
- pedestal frame or close-coupled motor design

Applications

- extrusion • vacuum packaging • vapor recovery • central vacuum
- freeze drying

