

Industrial

AOT Series



Applications

The Monarch AOT series end suction centrifugal pumps are of frame mount design for either belt drive or direct drive through a flexible coupling. This allows the option of connecting the AOT to an electric motor or gas engine.

Features

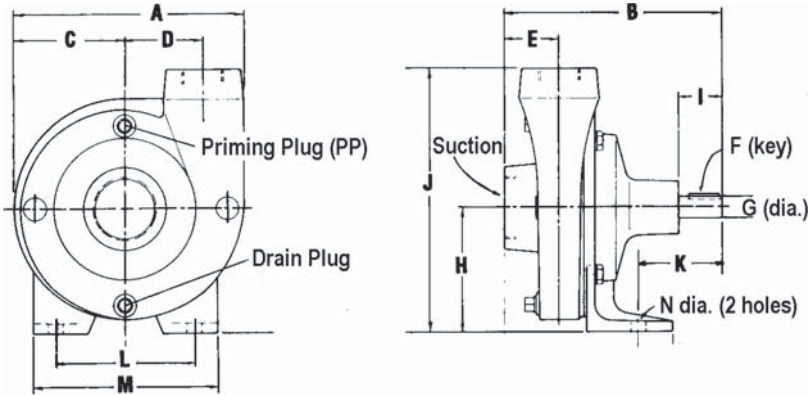
- **CASING** – Cast gray iron, thick wall, ideal for pressure boosting applications.
- **DISCHARGE OPENING** – Sizes are 1", 1 1/4" and 1 1/2" (NPT).
- **SEAL** – Buna and carbon ceramic mechanical seal.
- **IMPELLER** – AOT series has cast gray iron impellers. Open face design.



MONARCH

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Dimensional Outline



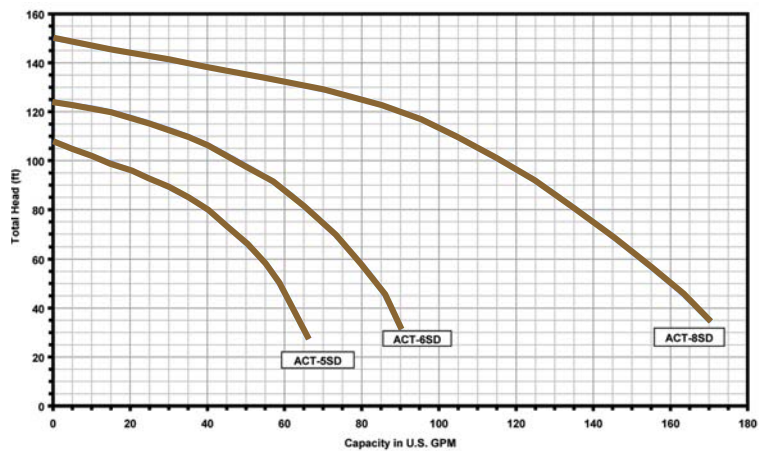
Model No.	Suction (NPT)	Discharge (NPT)	DP NPT	PP NPT	A	B	C	D	E	F	G	H	I	J	K	L	M	N
AOT-4	1 1/4"	1"	1/4	1/4	7.06	8.38	3.38	2.40	1.69	3/16	.75	3.81	1.30	8.56	3.75	4.25	5.63	7/16
AOT-5	1 1/4"	1 1/4"	1/4	1/4	7.06	8.38	2.40	2.19	1.69	3/16	.75	3.71	1.30	8.56	3.75	4.25	4.63	7/16
AOT-6	2"	1 1/2"	1/4	1/4	7.06	8.70	3.75	2.38	1.88	3/16	.75	4.19	1.30	9.31	3.75	4.25	5.63	7/16

*Dimensions measured in inches

Performance Chart

Model No.	RPM	HP	Total Head in Feet											
			15	20	25	30	35	40	45	55	60	65	85	
AOT-4	3450	1	-	-	-	74	68	64	55	36	18	-	-	
	1750	1/4	14	-	-	-	-	-	-	-	-	-	-	
AOT-5	3450	2	-	-	93	91	87	82	75	56	42	23	-	
	1750	1/4	24	-	-	-	-	-	-	-	-	-	-	
AOT-6	3450	3	-	-	-	135	132	128	124	112	104	95	45	
	1750	1/3	33	-	-	-	-	-	-	-	-	-	-	

Performance Data



AOT Series - Transmission Drive - Standard Fitted Construction

Model No.	Item No.	Suct. NPT	Disch. NPT	Transmission Data	Ship Wt. (lbs.)
AOT-4	615111	1 1/4"	1"	Shaft Size 3/4" Keyway 3/16" Shaft assembly with sealed ball bearings	18
AOT-5	615121	1 1/2"	1 1/4"		18
AOT-6	615131	2"	1 1/2"		21



Franklin Electric

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