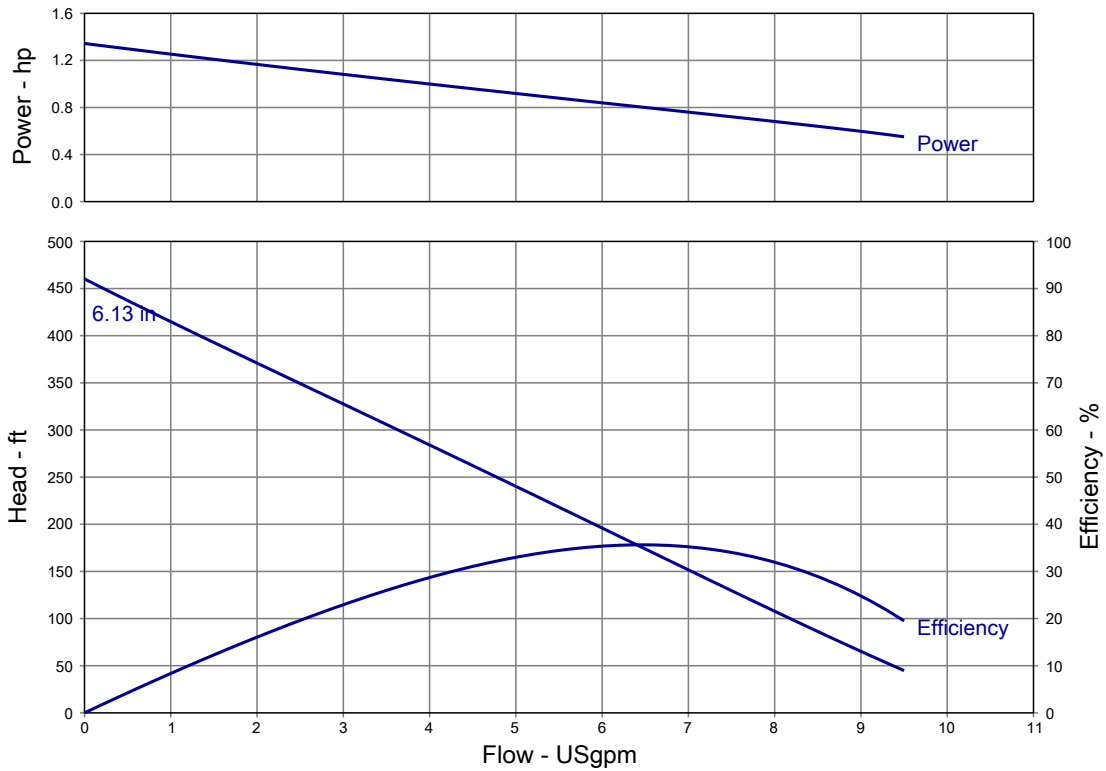
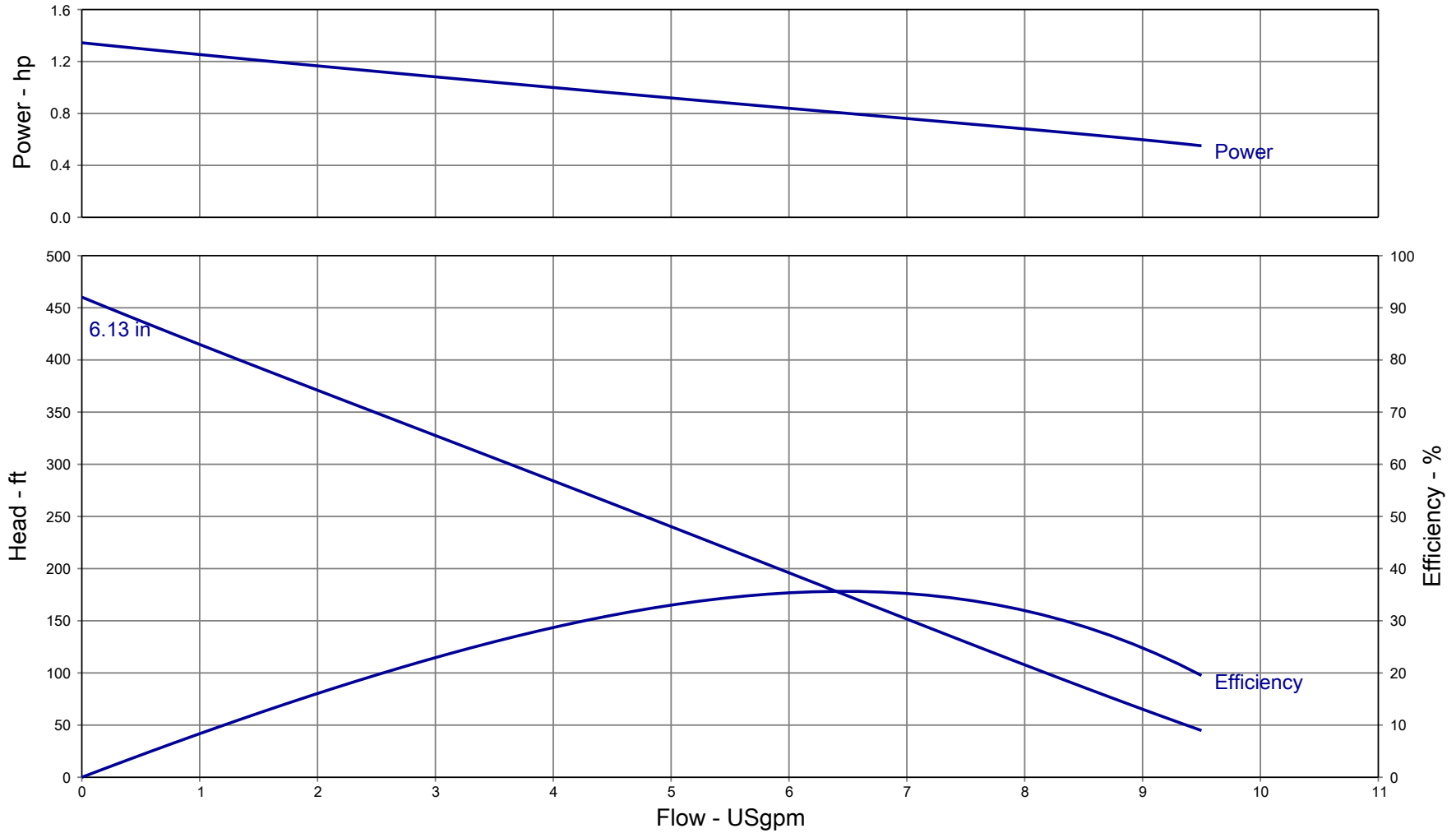




Item number	: 001	Size	: AV-4 2P
Service	:	Stages	: 1
Quantity	: 1	Based on curve number	: AV-4 2P Rev 0.0
Quote number	: 25068	Date last saved	: 27 Oct 2022 9:57 PM

Operating Conditions		Liquid	
Flow, rated	: 6.46 USgpm	Liquid type	: Water
Head, rated (requested)	: 175.5 ft	Additional liquid description	:
Head, rated (actual)	: 175.5 ft	Solids diameter, max	: 0.00 in
Suction pressure, rated / max	: 0.00 / 0.00 psi.g	Solids concentration, by volume	: 0.00 %
NPSH available	: Ample	Temperature	: 68.00 deg F
Site Supply Frequency	: 60 Hz	Fluid density	: 1.000 / 1.000 SG
<b>Performance</b>		Viscosity	: 1.00 cP
Speed criteria	: Synchronous	Vapor pressure, rated	: 0.34 psi.a
Speed	: 3500 rpm	<b>Material</b>	
Impeller dia.	: 6.13 in	Material selected	: Standard
Impeller diameter, maximum	: 6.13 in	<b>Pressure Data</b>	
Impeller diameter, minimum	: 6.13 in	Maximum working pressure	: 199.2 psi.g
Efficiency	: 35.65 %	Maximum allowable working pressure	: - psi.g
True Weighted Efficiency	: 17.60 %	Maximum allowable suction pressure	: N/A
NPSH required / margin required	: - / 0.00 ft	Hydrostatic test pressure	: -
Ns (imp. eye flow) / Nss (imp. eye flow)	: 184 / - US Units	<b>Driver &amp; Power Data (@Max density)</b>	
MCSF	: -	Driver sizing specification	: Rated power
Head max.	: 460.2 ft	Margin over specification	: 0.00 %
Head rise to shutoff	: 162.28 %	Service factor	: 1.00
Flow, best eff. point	: 6.46 USgpm	Power, hydraulic	: 0.29 hp
Flow ratio, rated / BEP	: 100.00 %	Power, rated	: 0.80 hp
Diameter ratio (rated / max)	: 100.00 %	Power, maximum	: 1.34 hp
Head ratio (rated dia / max dia)	: 100.00 %	Motor rating	: 1.00 hp / 0.75 kW
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00		
Selection status	: Acceptable		





Item number	: 001	Size	: AV-4 2P	Flow, rated	: 6.46 USgpm
Service	:	Stages	: 1	Head, rated	: 175.5 ft
Quantity	: 1	Speed	: 3500 rpm	NPSH required	: -
Quote number	: 25068	Based on curve number	: AV-4 2P Rev 0.0	Fluid density	: 1.000 / 1.000 SG
Date last saved	: 27 Oct 2022 9:57 PM	Efficiency	: 35.65 %	Viscosity	: 1.00 cP
		Power, rated	: 0.80 hp	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00