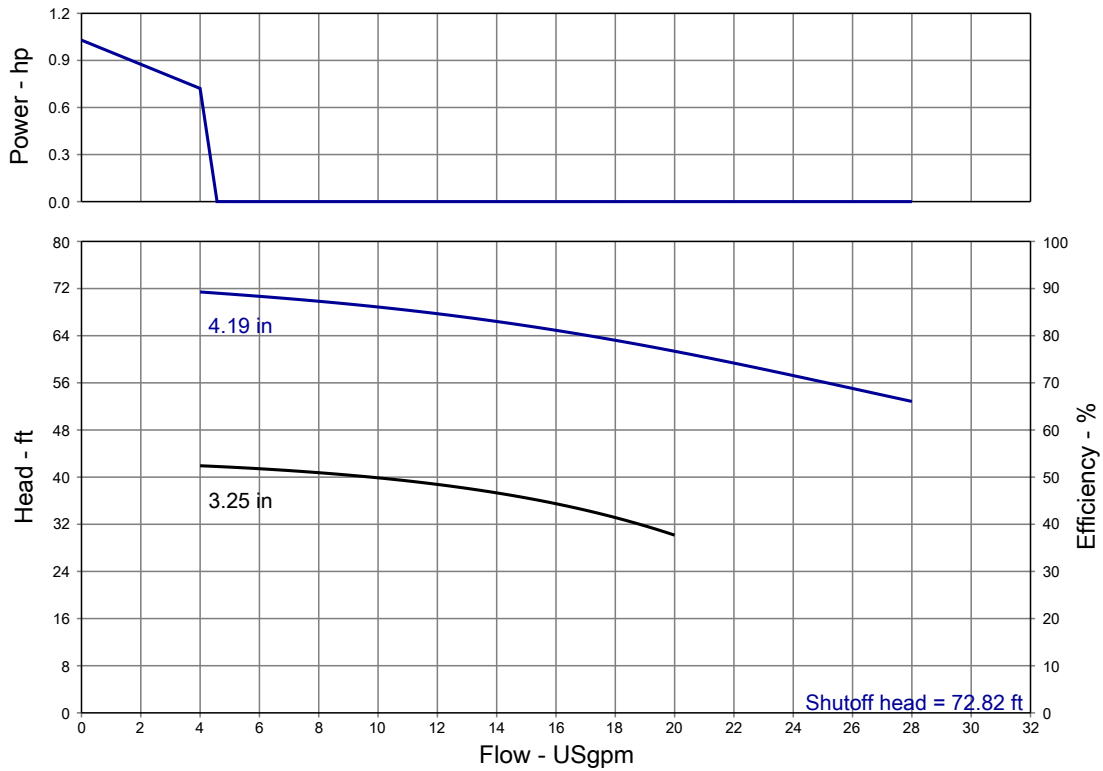
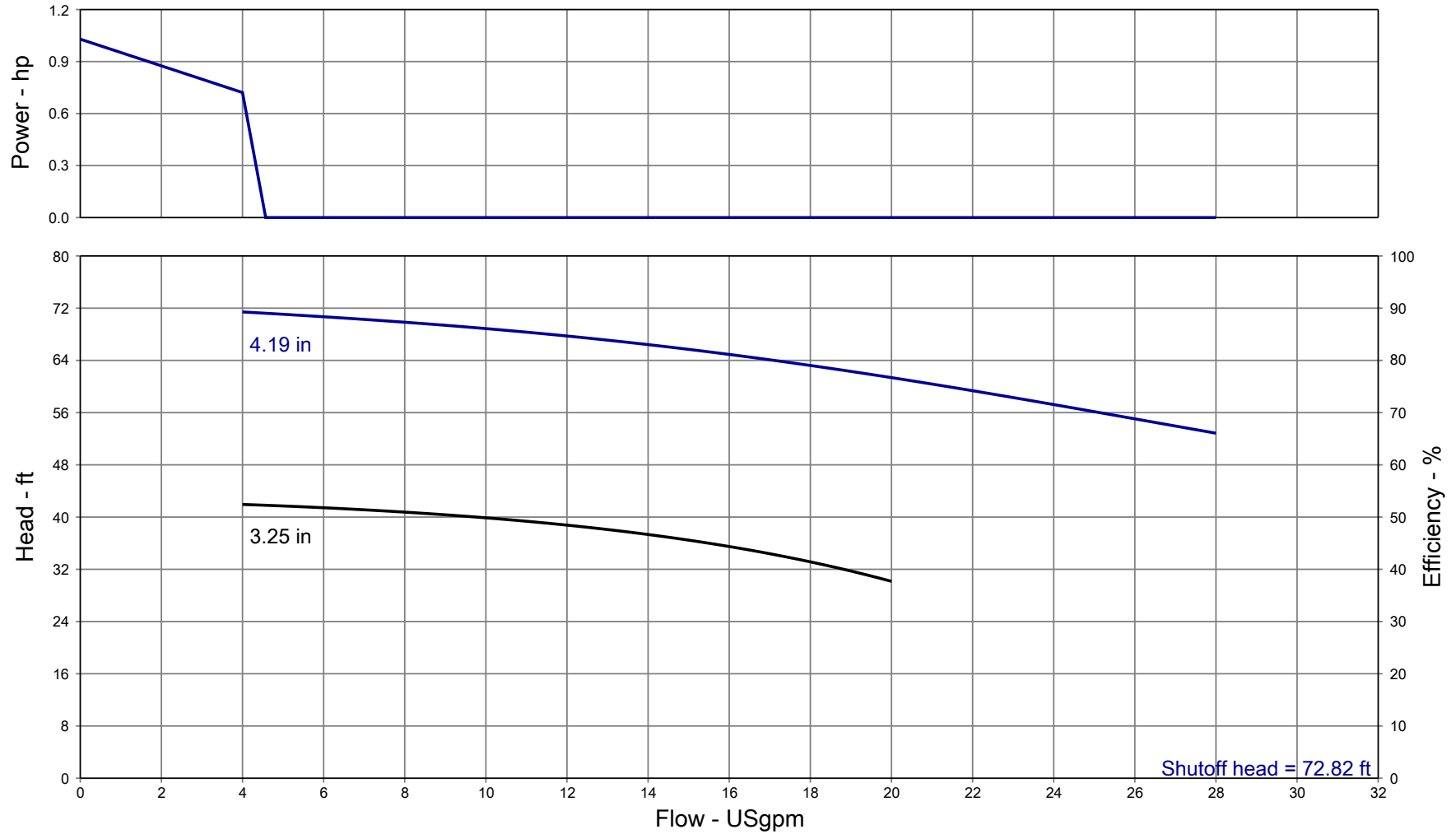




Item number	: 001	Size	: .75 x 1 x 4.25 2P
Service	:	Stages	: 1
Quantity	: 1	Based on curve number	: .75x1x4.25 2P
Quote number	: 25068	Date last saved	: 27 Oct 2022 9:53 PM

Operating Conditions		Liquid	
Flow, rated	: 28.00 USgpm	Liquid type	: Water
Head, rated (requested)	: 52.84 ft	Additional liquid description	:
Head, rated (actual)	: 52.84 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
Performance		Viscosity	: 1.00 cP
Speed criteria	: Synchronous	Vapor pressure, rated	: 0.34 psi.a
Speed	: 3500 rpm	Material	
Impeller dia.	: 4.19 in	Material selected	: Standard
Impeller diameter, maximum	: 4.19 in	Pressure Data	
Impeller diameter, minimum	: 3.25 in	Maximum working pressure	: 30.91 psi.g
Efficiency	: 258,624,493.04 %	Maximum allowable working pressure	: 175.0 psi.g
True Weighted Efficiency	: 143,037.13 %	Maximum allowable suction pressure	: 175.0 psi.g
NPSH required / margin required	: - / 0.00 ft	Hydrostatic test pressure	: 220.0 psi.g
Ns (imp. eye flow) / Nss (imp. eye flow)	: 945 / - US Units	Driver & Power Data (@Max density)	
MCSF	: -	Driver sizing specification	: Rated power
Head max.	: 71.42 ft	Margin over specification	: 0.00 %
Head rise to shutoff	: 37.80 %	Service factor	: 1.00
Flow, best eff. point	: 28.00 USgpm	Power, hydraulic	: 0.37 hp
Flow ratio, rated / BEP	: 100.00 %	Power, rated	: 0.00 hp
Diameter ratio (rated / max)	: 100.00 %	Power, maximum	: 0.72 hp
Head ratio (rated dia / max dia)	: 100.00 %	Motor rating	: 0.25 hp / 0.19 kW
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00		
Selection status	: Acceptable		



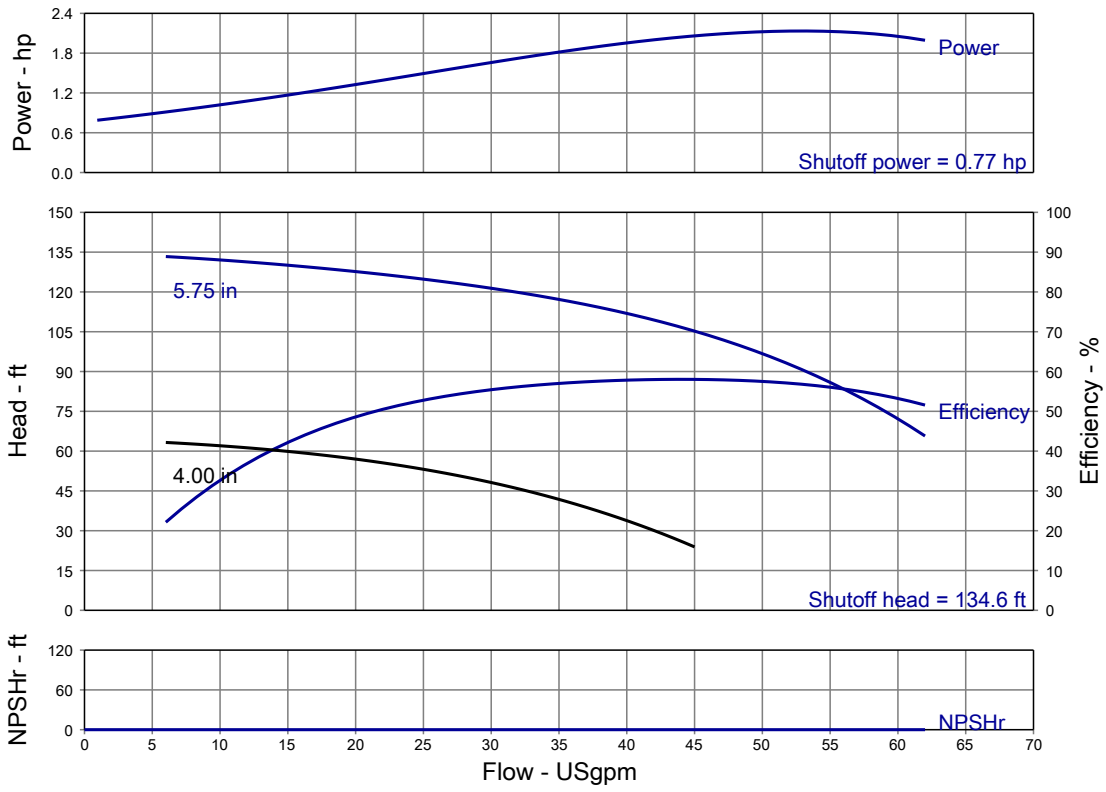


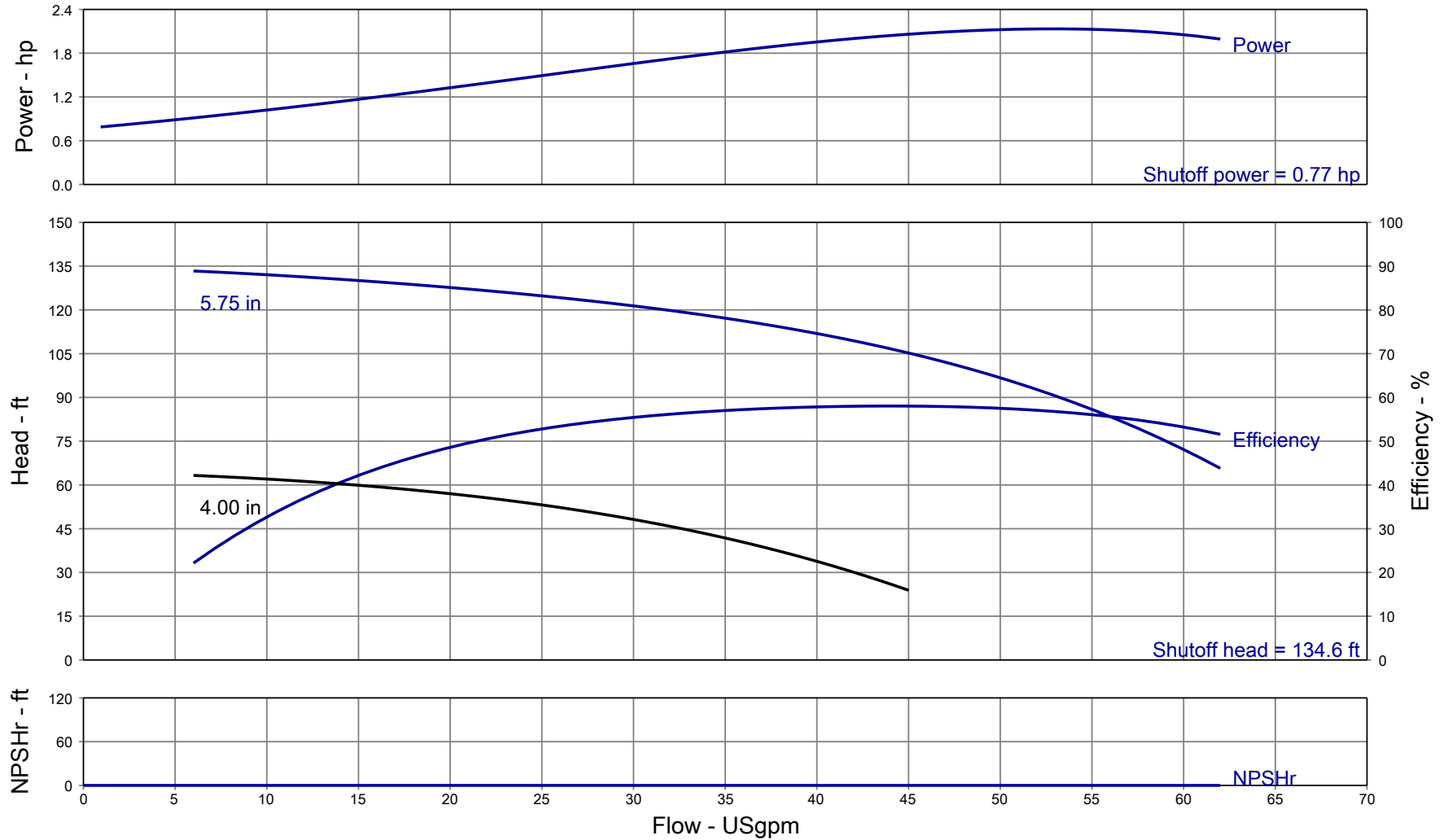
Item number	: 001	Size	: .75 x 1 x 4.25 2P	Flow, rated	: 28.00 USgpm
Service	:	Stages	: 1	Head, rated	: 52.84 ft
Quantity	: 1	Speed	: 3500 rpm	NPSH required	: -
Quote number	: 25068	Based on curve number	: .75x1x4.25 2P	Fluid density	: 1.000 / 1.000 SG
Date last saved	: 27 Oct 2022 9:53 PM	Efficiency	: 258,624,493.04 %	Viscosity	: 1.00 cP
		Power, rated	: 0.00 hp	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00



Item number	: 001	Size	: .75 x 1 x 6 2P
Service	:	Stages	: 1
Quantity	: 1	Based on curve number	: .75x1x6 2P
Quote number	: 25068	Date last saved	: 27 Oct 2022 9:54 PM

Operating Conditions		Liquid	
Flow, rated	: 44.00 USgpm	Liquid type	: Water
Head, rated (requested)	: 106.7 ft	Additional liquid description	:
Head, rated (actual)	: 106.7 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
Performance		Viscosity	: 1.00 cP
Speed criteria	: Synchronous	Vapor pressure, rated	: 0.34 psi.a
Speed	: 3500 rpm	Material	
Impeller dia.	: 5.75 in	Material selected	: Standard
Impeller diameter, maximum	: 5.75 in	Pressure Data	
Impeller diameter, minimum	: 4.00 in	Maximum working pressure	: 57.71 psi.g
Efficiency	: 58.04 %	Maximum allowable working pressure	: 175.0 psi.g
True Weighted Efficiency	: 43.08 %	Maximum allowable suction pressure	: 175.0 psi.g
NPSH required / margin required	: 0.00 / 0.00 ft	Hydrostatic test pressure	: 220.0 psi.g
Ns (imp. eye flow) / Nss (imp. eye flow)	: 700 / - US Units	Driver & Power Data (@Max density)	
MCSF	: -	Driver sizing specification	: Rated power
Head max.	: 133.3 ft	Margin over specification	: 0.00 %
Head rise to shutoff	: 26.16 %	Service factor	: 1.00
Flow, best eff. point	: 44.00 USgpm	Power, hydraulic	: 1.19 hp
Flow ratio, rated / BEP	: 100.00 %	Power, rated	: 2.04 hp
Diameter ratio (rated / max)	: 100.00 %	Power, maximum	: 2.13 hp
Head ratio (rated dia / max dia)	: 100.00 %	Motor rating	: 3.00 hp / 2.24 kW
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00		
Selection status	: Acceptable		



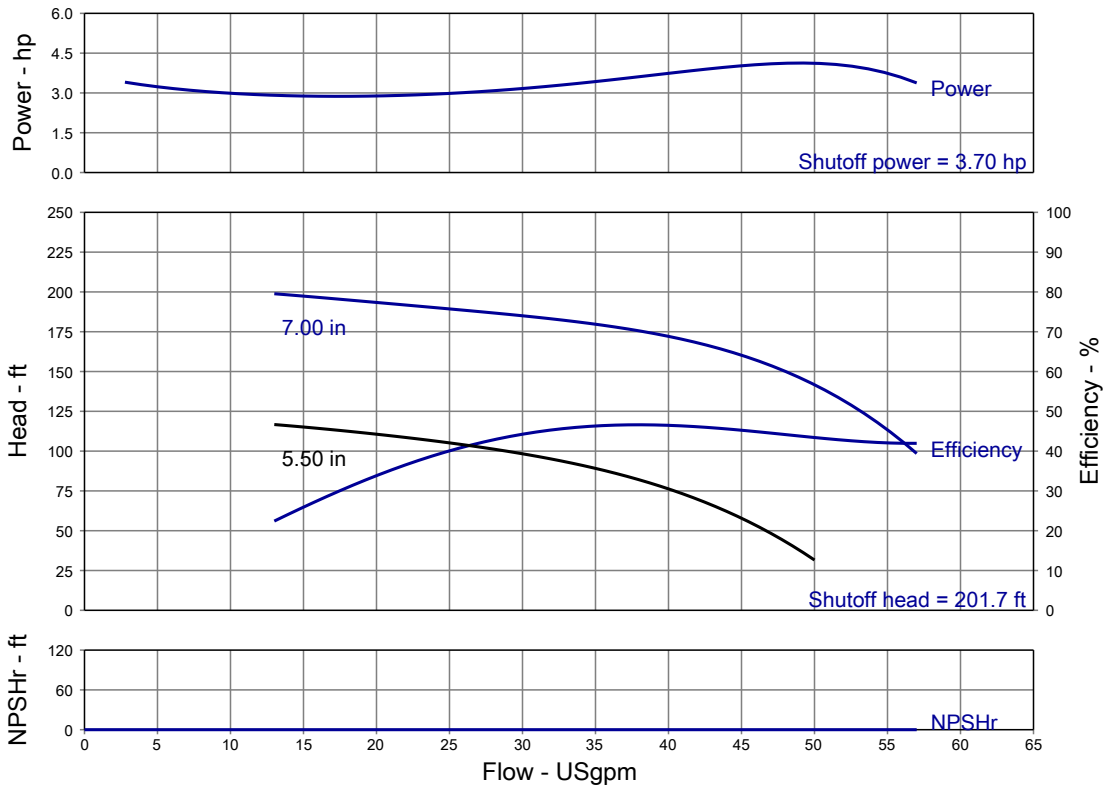


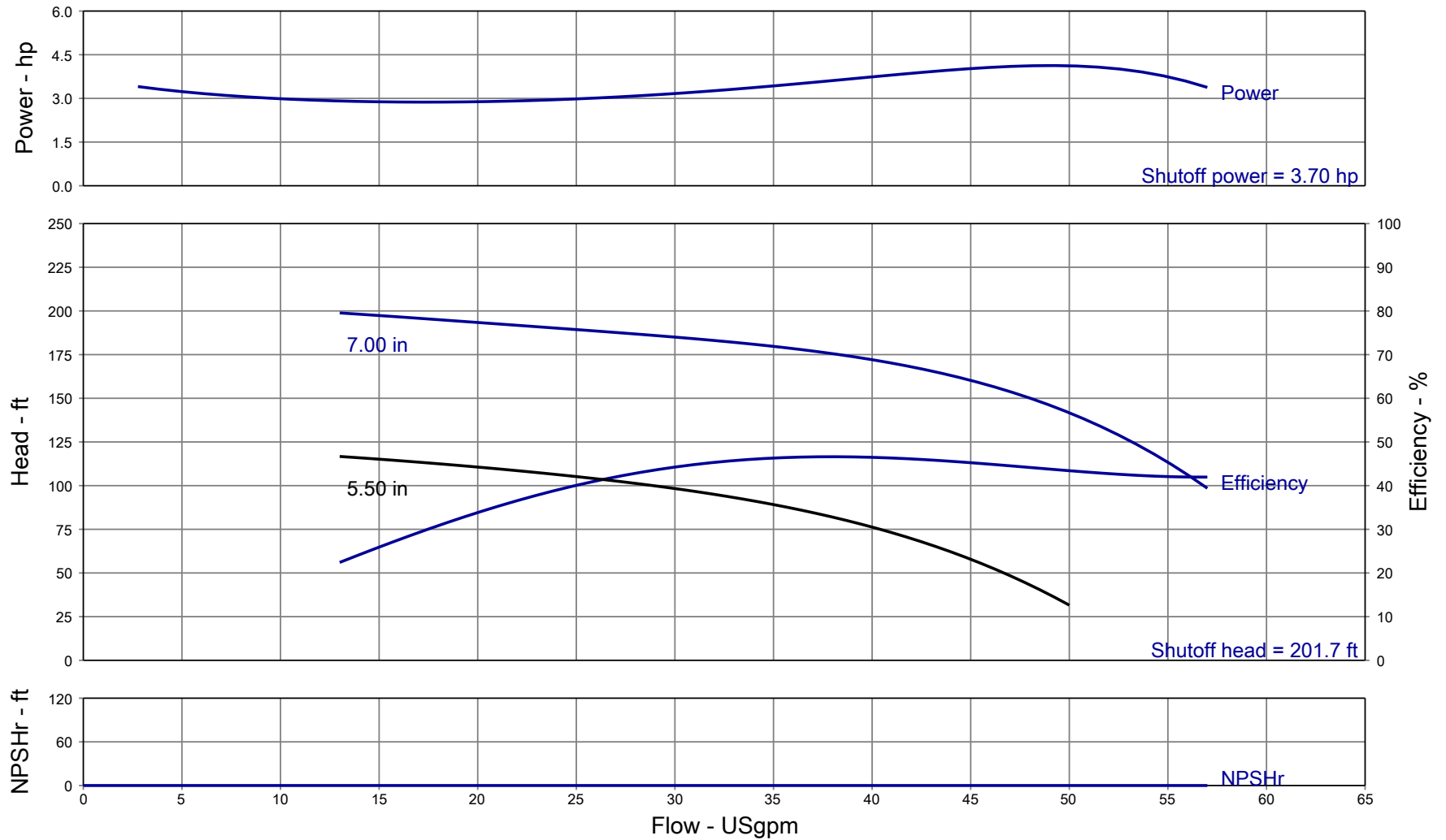
Item number	: 001	Size	: .75 x 1 x 6 2P	Flow, rated	: 44.00 USgpm
Service	:	Stages	: 1	Head, rated	: 106.7 ft
Quantity	: 1	Speed	: 3500 rpm	NPSH required	: 0.00 ft
Quote number	: 25068	Based on curve number	: .75x1x6 2P	Fluid density	: 1.000 / 1.000 SG
Date last saved	: 27 Oct 2022 9:54 PM	Efficiency	: 58.04 %	Viscosity	: 1.00 cP
		Power, rated	: 2.04 hp	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00



Item number	: 001	Size	: .75 x 1 x 7A 2P
Service	:	Stages	: 1
Quantity	: 1	Based on curve number	: .75x1x7 2P
Quote number	: 25068	Date last saved	: 27 Oct 2022 9:55 PM

Operating Conditions		Liquid	
Flow, rated	: 37.92 USgpm	Liquid type	: Water
Head, rated (requested)	: 175.6 ft	Additional liquid description	:
Head, rated (actual)	: 175.6 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
Performance		Viscosity	: 1.00 cP
Speed criteria	: Synchronous	Vapor pressure, rated	: 0.34 psi.a
Speed	: 3500 rpm	Material	
Impeller dia.	: 7.00 in	Material selected	: Standard
Impeller diameter, maximum	: 7.00 in	Pressure Data	
Impeller diameter, minimum	: 5.50 in	Maximum working pressure	: 86.06 psi.g
Efficiency	: 46.62 %	Maximum allowable working pressure	: 175.0 psi.g
True Weighted Efficiency	: 23.35 %	Maximum allowable suction pressure	: 175.0 psi.g
NPSH required / margin required	: 0.00 / 0.00 ft	Hydrostatic test pressure	: 220.0 psi.g
Ns (imp. eye flow) / Nss (imp. eye flow)	: 447 / - US Units	Driver & Power Data (@Max density)	
MCSF	: -	Driver sizing specification	: Rated power
Head max.	: 198.9 ft	Margin over specification	: 0.00 %
Head rise to shutoff	: 14.83 %	Service factor	: 1.00
Flow, best eff. point	: 37.92 USgpm	Power, hydraulic	: 1.68 hp
Flow ratio, rated / BEP	: 100.00 %	Power, rated	: 3.61 hp
Diameter ratio (rated / max)	: 100.00 %	Power, maximum	: 4.13 hp
Head ratio (rated dia / max dia)	: 100.00 %	Motor rating	: 5.00 hp / 3.73 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	: .75 x 1 x 7A 2P	Flow, rated	: 37.92 USgpm
Service	:	Stages	: 1	Head, rated	: 175.6 ft
Quantity	: 1	Speed	: 3500 rpm	NPSH required	: 0.00 ft
Quote number	: 25068	Based on curve number	: .75x1x7 2P	Fluid density	: 1.000 / 1.000 SG
Date last saved	: 27 Oct 2022 9:55 PM	Efficiency	: 46.62 %	Viscosity	: 1.00 cP
		Power, rated	: 3.61 hp	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00