



# PERFORMANCE CURVE

PRODUCT  
**NP3102.181**

TYPE  
**LT**

DATE  
**2012-02-29**

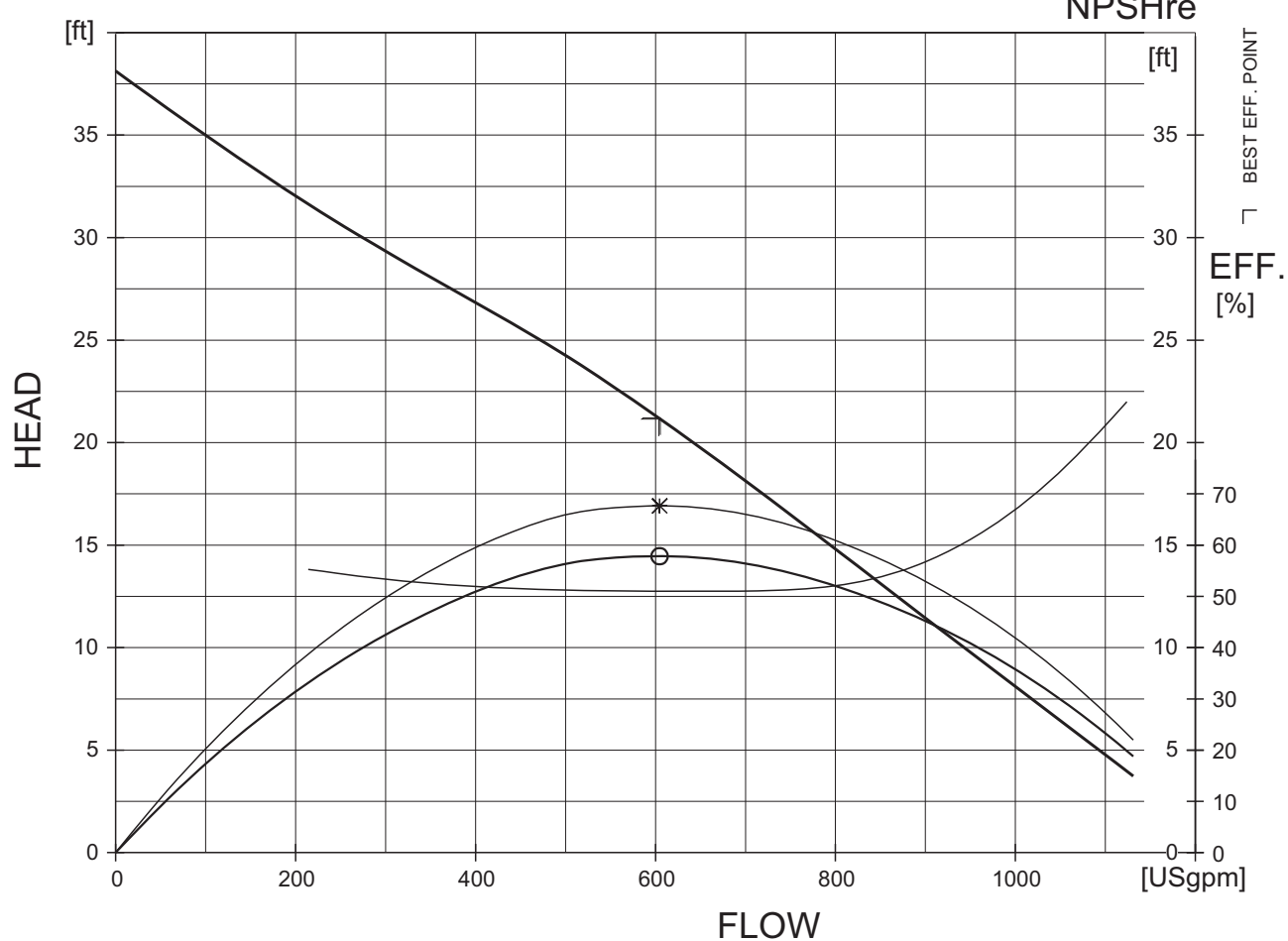
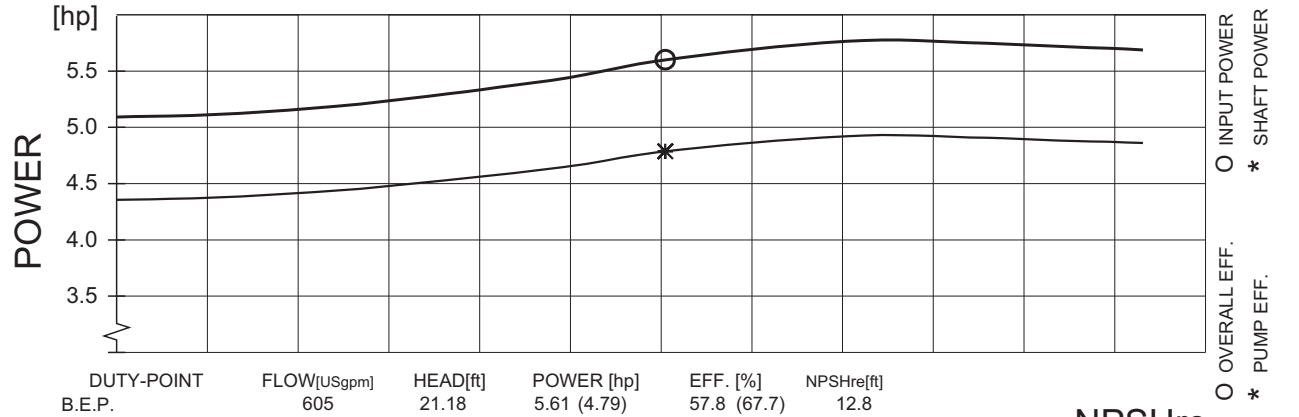
PROJECT

CURVE NO  
**63-422-00-3701**

ISSUE  
**8**

	1/1-LOAD	3/4-LOAD	1/2-LOAD	RATED POWER .....	5	hp
POWER FACTOR	0.81	0.75	0.64	STARTING CURRENT ...	41	A
EFFICIENCY	85.0 %	85.5 %	84.0 %	RATED CURRENT ...	6.7	A
MOTOR DATA	---	---	---	RATED SPEED .....	1745	rpm
COMMENTS	INLET/OUTLET			TOT.MOM.OF	0.031	kgm2
	-/ 6 inch			INERTIA ...		
	IMP. THROUGHLET			NO. OF		
	---			BLADES	2	

IMPELLER DIAMETER <b>165 mm</b>		
MOTOR #	STATOR	REV
<b>18-11-4AL</b>	<b>61D</b>	<b>10</b>
FREQ.	PHASES	VOLTAGE
<b>60 Hz</b>	<b>3</b>	<b>460 V</b>
GEARTYPE		RATIO
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FLYPS3.1.6.6 (20090313)

NPSHre = NPSH3% + min. operational margin  
Performance with clear water and ambient temp 40 °C



**HI B Curve**