



PERFORMANCE CURVE

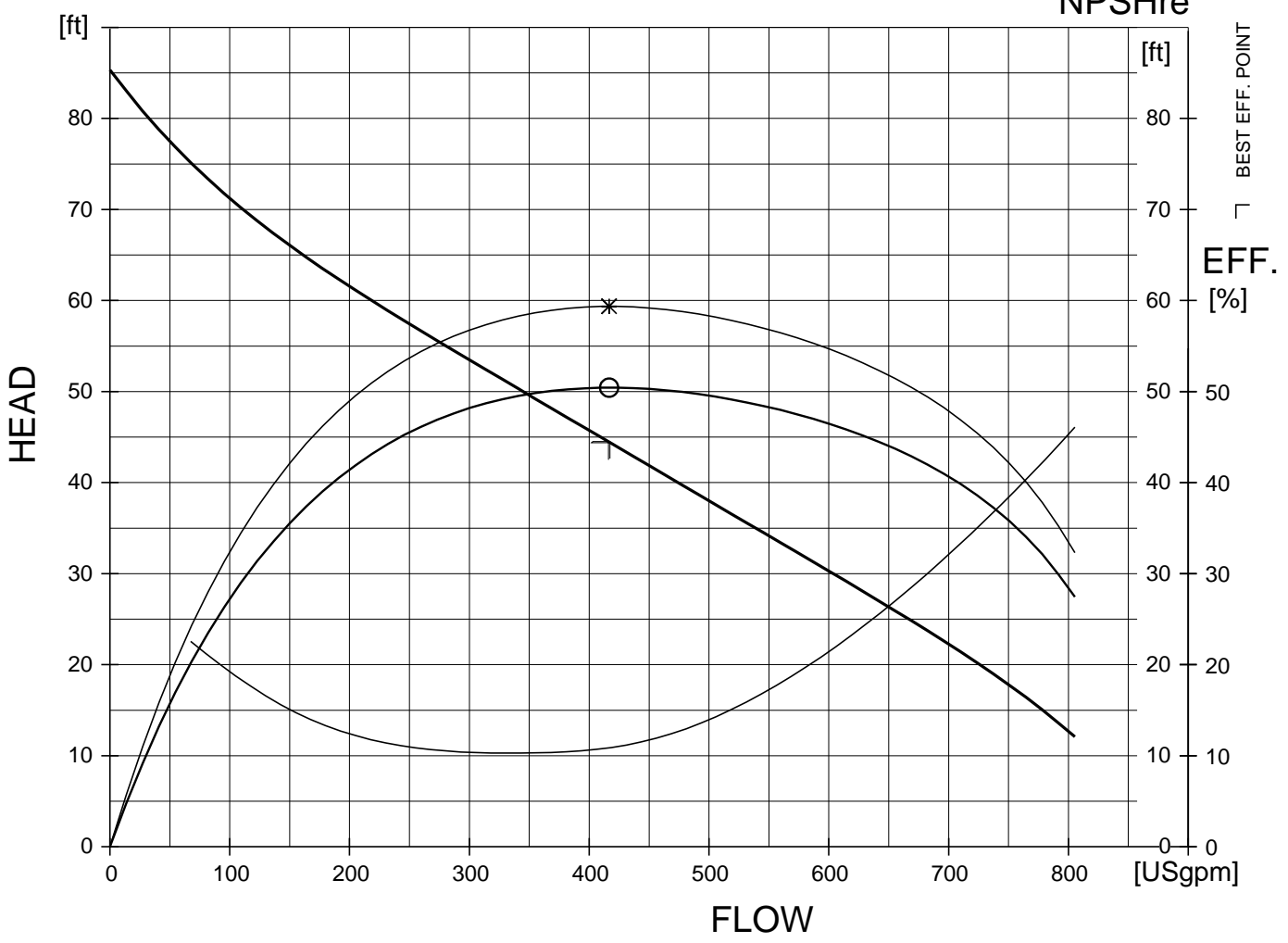
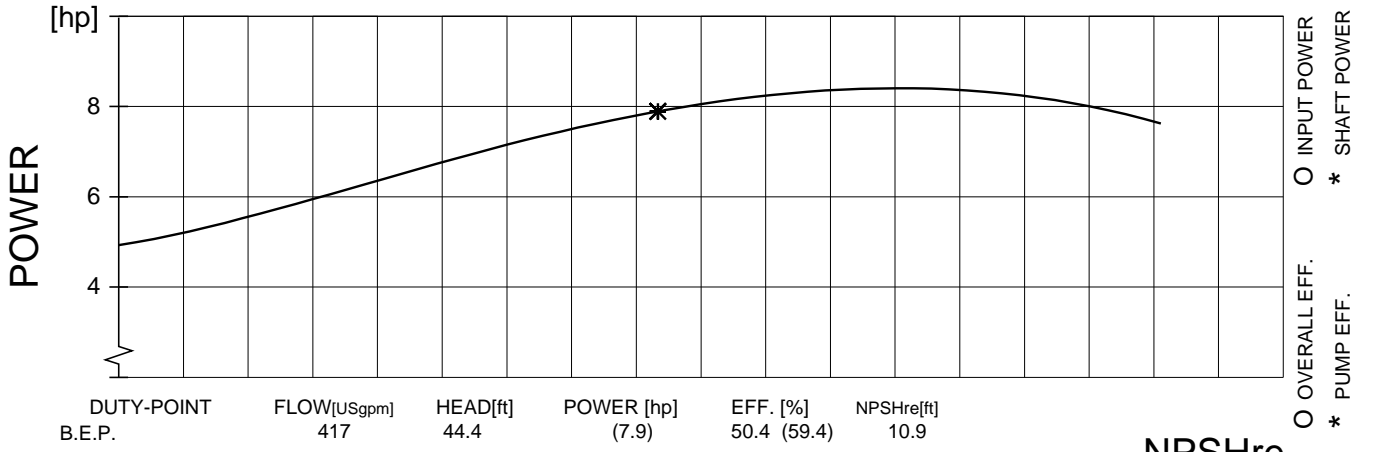
PRODUCT	TYPE
CS3127.181	HT
CURVE NO	ISSUE
63-484-00-3702	2

DATE	PROJECT
2010-08-02	FLYGT US Catalog

POWER FACTOR	1/1-LOAD	3/4-LOAD	1/2-LOAD	RATED POWER	10	hp
EFFICIENCY	0.87	0.84	0.76	STARTING CURRENT ...	57	A
MOTOR DATA	---	---	---	RATED CURRENT ...	10	A

IMPELLER DIAMETER			
217 mm			
MOTOR #	STATOR	REV	
21-12-4AL	50D	11	
FREQ.	PHASES	VOLTAGE	POLES
60 Hz	3	575 V	4
GEARTYPE		RATIO	
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COMMENTS	INLET/OUTLET	RATED SPEED	1745	rpm
NEMA Code Letter: G	-/ 4 inch	TOT.MOM.OF INERTIA ...	0.11	kgm2
	IMP. THROUGHLET	NO. OF BLADES	1	
	3.0 inch			



FLYPS 3.1.6.3 (20060531)

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



CURVE