



# PERFORMANCE CURVE

PRODUCT  
**BS2125.181**

TYPE  
**HT**

DATE  
**2006-04-06**

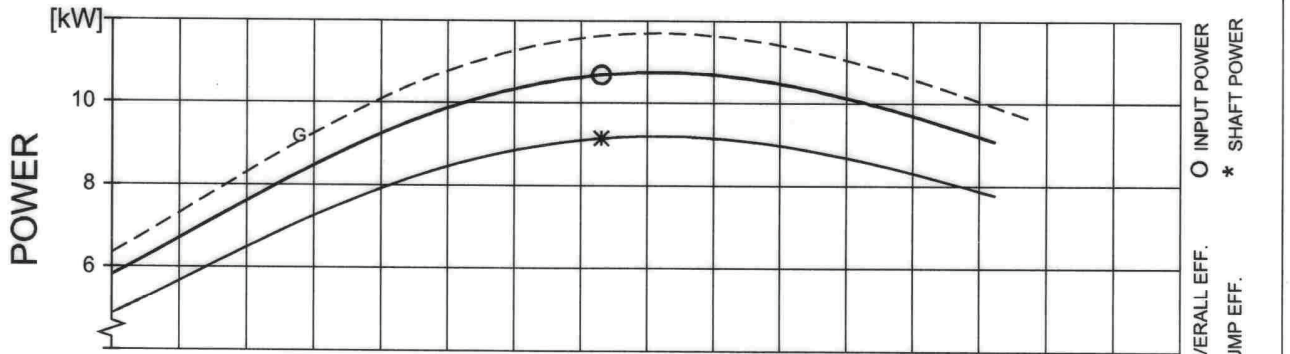
PROJECT

CURVE NO  
**63-234-00-0150**

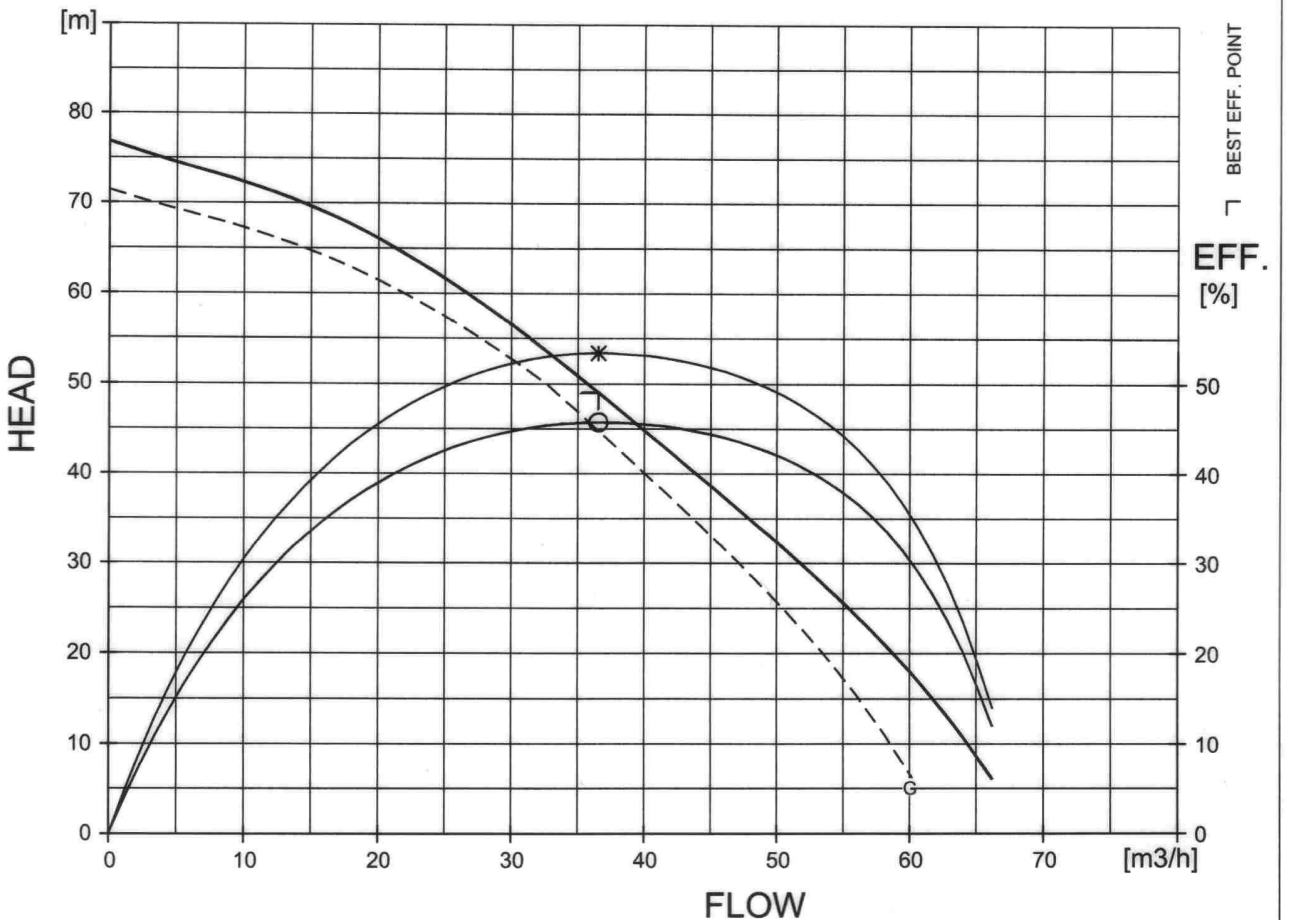
ISSUE  
**7**

	1/1-LOAD	3/4-LOAD	1/2-LOAD	RATED POWER .....	9.7	kW
POWER FACTOR	0.90	0.87	0.80	STARTING CURRENT ...	131	A
EFFICIENCY	85.5 %	85.5 %	83.5 %	RATED CURRENT ...	16	A
MOTOR DATA	---	---	---	RATED SPEED .....	3480	rpm
COMMENTS	INLET/OUTLET			TOT.MOM.OF INERTIA ...	0.017	kgm2
	- / 75 mm			NO. OF BLADES	4	
	IMP. THROUGHLET					
	---					

IMPELLER DIAMETER			
222 mm			
MOTOR #	STATOR	REV	
19-13-2FF	01D	11	
FREQ.	PHASES	VOLTAGE	POLES
60 Hz	3	460 V	2
GEARTYPE		RATIO	
---		---	



DUTY-POINT	FLOW[m3/h]	HEAD [m]	POWER [kW]	EFF. [%]	(NPSHR)[m]	GUARANTEE
B.E.P.	36.6	49.0	10.7 ( 9.2)	45.7 (53.4)		ISO 9906/annex A.1



FLYPS3.1.4.0 (20050224)

GUARANTEE BETWEEN LIMITS (G) ACC. TO  
**ISO 9906/annex A.1**

Performance with clear water and ambient temp 40 °C



# PERFORMANCE CURVE

PRODUCT  
**BS2125.181**

TYPE  
**MT**

DATE  
**2006-04-06**

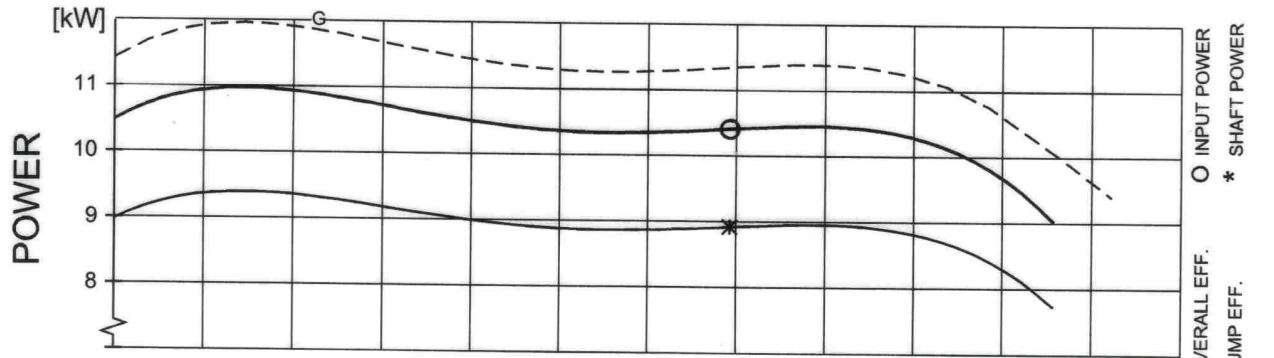
PROJECT

CURVE NO  
**63-232-00-0230**

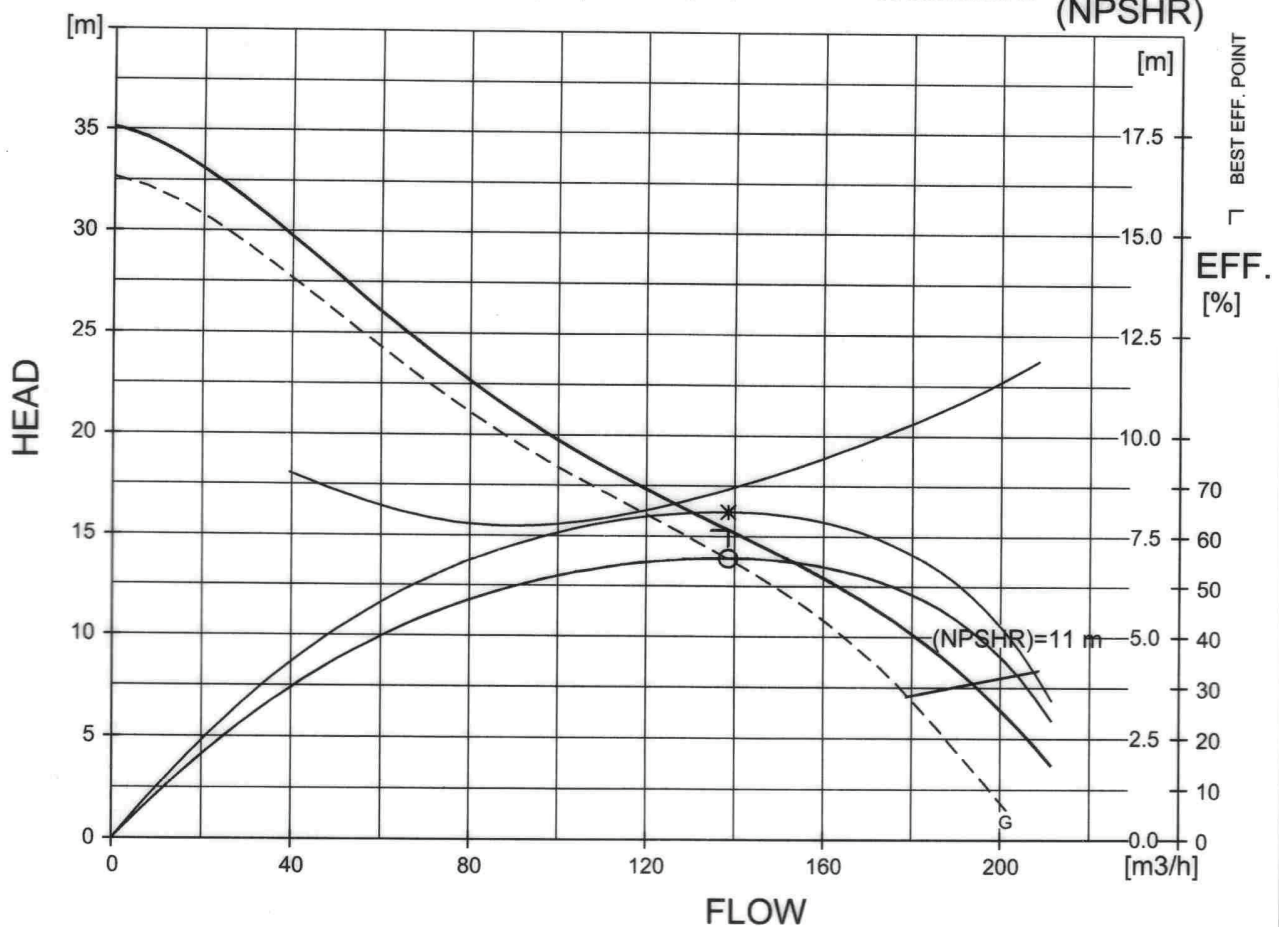
ISSUE  
**6**

	1/1-LOAD	3/4-LOAD	1/2-LOAD		
POWER FACTOR	0.90	0.87	0.80	RATED POWER .....	9.7 kW
EFFICIENCY	85.5 %	85.5 %	83.5 %	STARTING CURRENT ...	131 A
MOTOR DATA	---	---	---	RATED CURRENT ...	16 A
COMMENTS	INLET/OUTLET -150 mm IMP. THROUGHLET ---			RATED SPEED .....	3480 rpm
				TOT. MOM. OF INERTIA ...	0.014 kgm2
				NO. OF BLADES	4

IMPELLER DIAMETER <b>137 mm</b>			
MOTOR #	STATOR	REV	
<b>19-13-2FF</b>	<b>01D</b>	<b>11</b>	
FREQ.	PHASES	VOLTAGE	POLES
<b>60 Hz</b>	<b>3</b>	<b>460 V</b>	<b>2</b>
GEARTYPE		RATIO	
---		---	



DUTY-POINT	FLOW[m3/h]	HEAD [m]	POWER [kW]	EFF. [%]	(NPSHR)[m]	GUARANTEE
B.E.P.	139	15.3	10.5 ( 8.9)	55.5 (64.8)	8.7	ISO 9906/annex A.1



FLYPS3.1.4.0 (20050224)

(NPSHR) = (NPSH3) + margins  
Performance with clear water and ambient temp 40 °C

GUARANTEE BETWEEN LIMITS (G) ACC. TO  
**ISO 9906/annex A.1**