



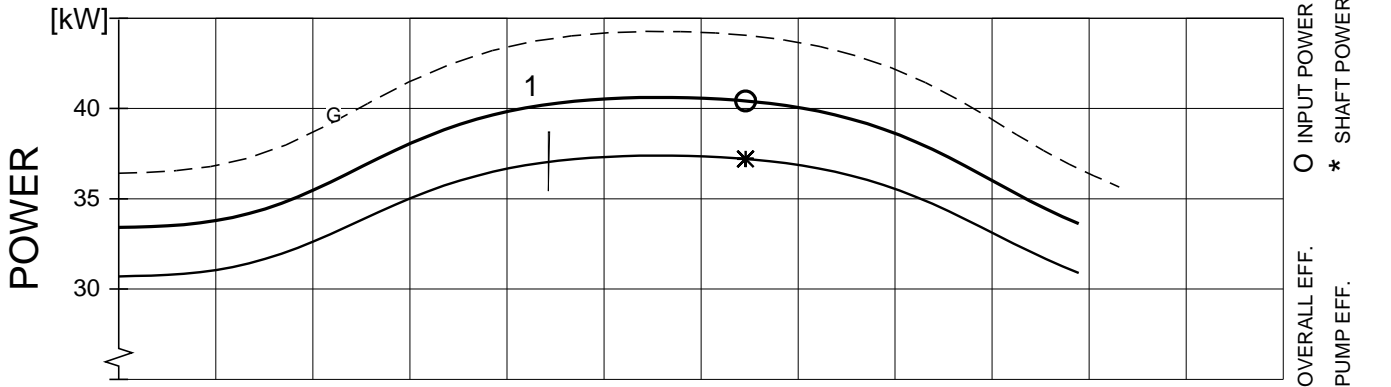
PERFORMANCE CURVE

PRODUCT	BS2250.011	TYPE	MT
CURVE NO	53-432-00-0130	ISSUE	7

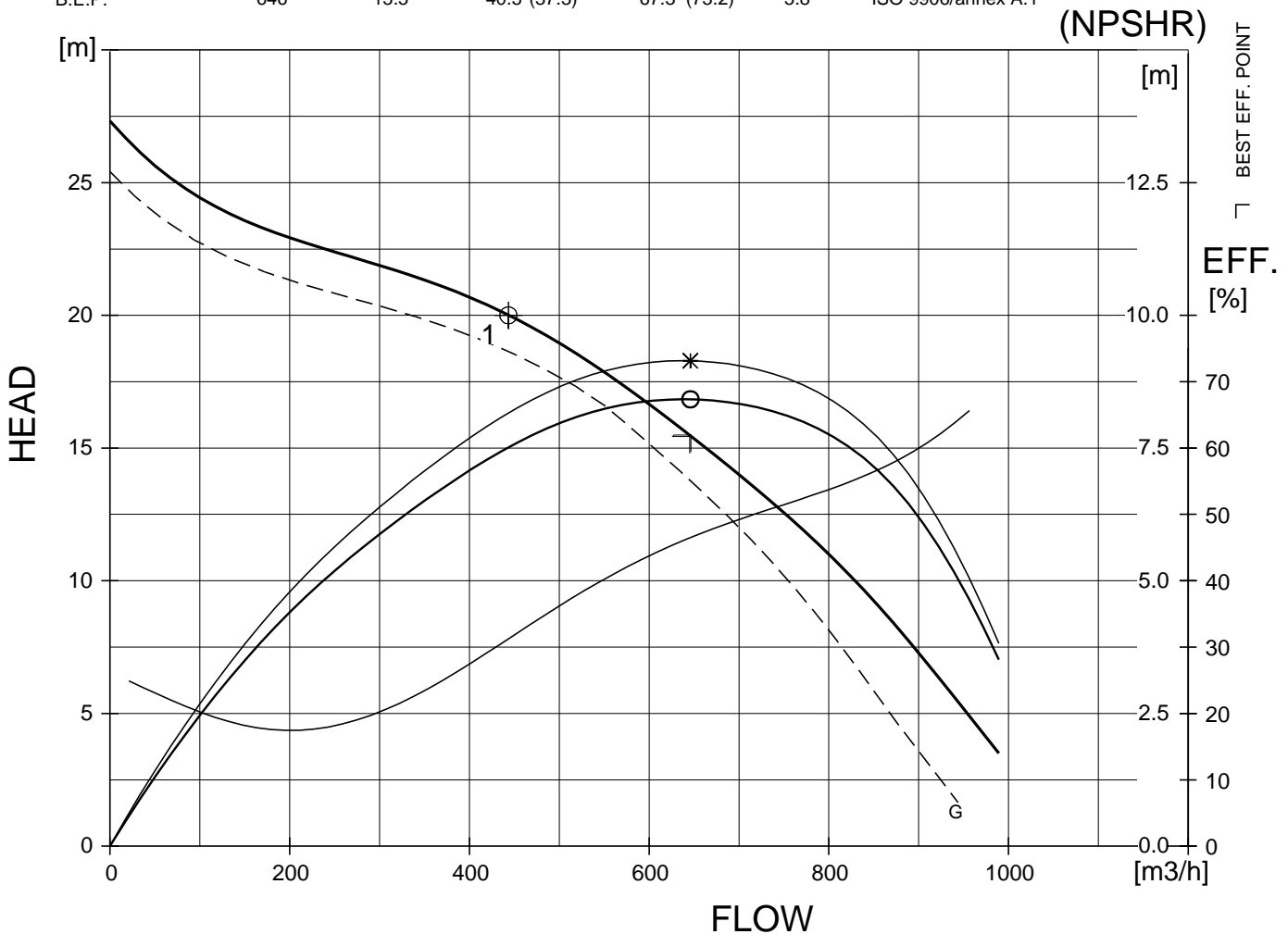
DATE	2010-12-03	PROJECT	
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POWER FACTOR	0.81	1/1-LOAD	0.77	3/4-LOAD	0.67	1/2-LOAD	RATED POWER	54	kW
EFFICIENCY	91.5 %		91.5 %		91.0 %		STARTING CURRENT ...	590	A
MOTOR DATA	---		---		---		RATED CURRENT ...	104	A
COMMENTS				INLET/OUTLET	-250 mm		RATED SPEED	1475	rpm
				IMP. THROUGHLET	---		TOT.MOM.OF INERTIA ...	0.68	kgm2
							NO. OF BLADES	4	

IMPELLER DIAMETER			
323 mm			
MOTOR #	35-28-4AA	STATOR	38D
REV	12		
FREQ.	50 Hz	PHASES	3
VOLTAGE	400 V	POLES	4
GEARTYPE	---	RATIO	---



DUTY-POINT	FLOW[m ³ /h]	HEAD [m]	POWER [kW]	EFF. [%]	(NPSHR)[m]	GUARANTEE
1	443	20.0	40.2 (37.0)	60.0 (65.2)	3.9	
B.E.P.	646	15.5	40.5 (37.3)	67.3 (73.2)	5.8	ISO 9906/annex A.1



FLYPS3.1.6.6 (20090313)

(NPSHR) = (NPSH3) + margins

Performance with clear water and ambient temp 40 °C

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