

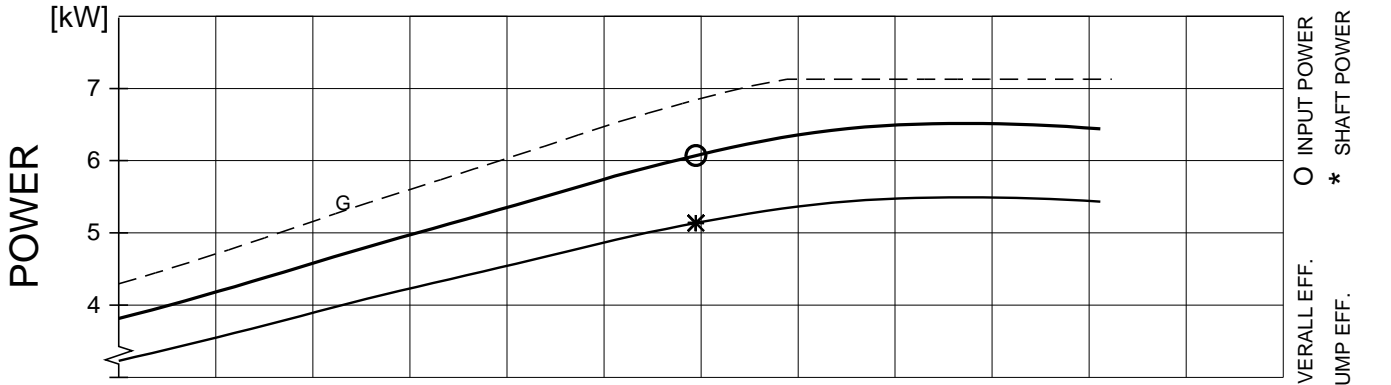


PERFORMANCE CURVE

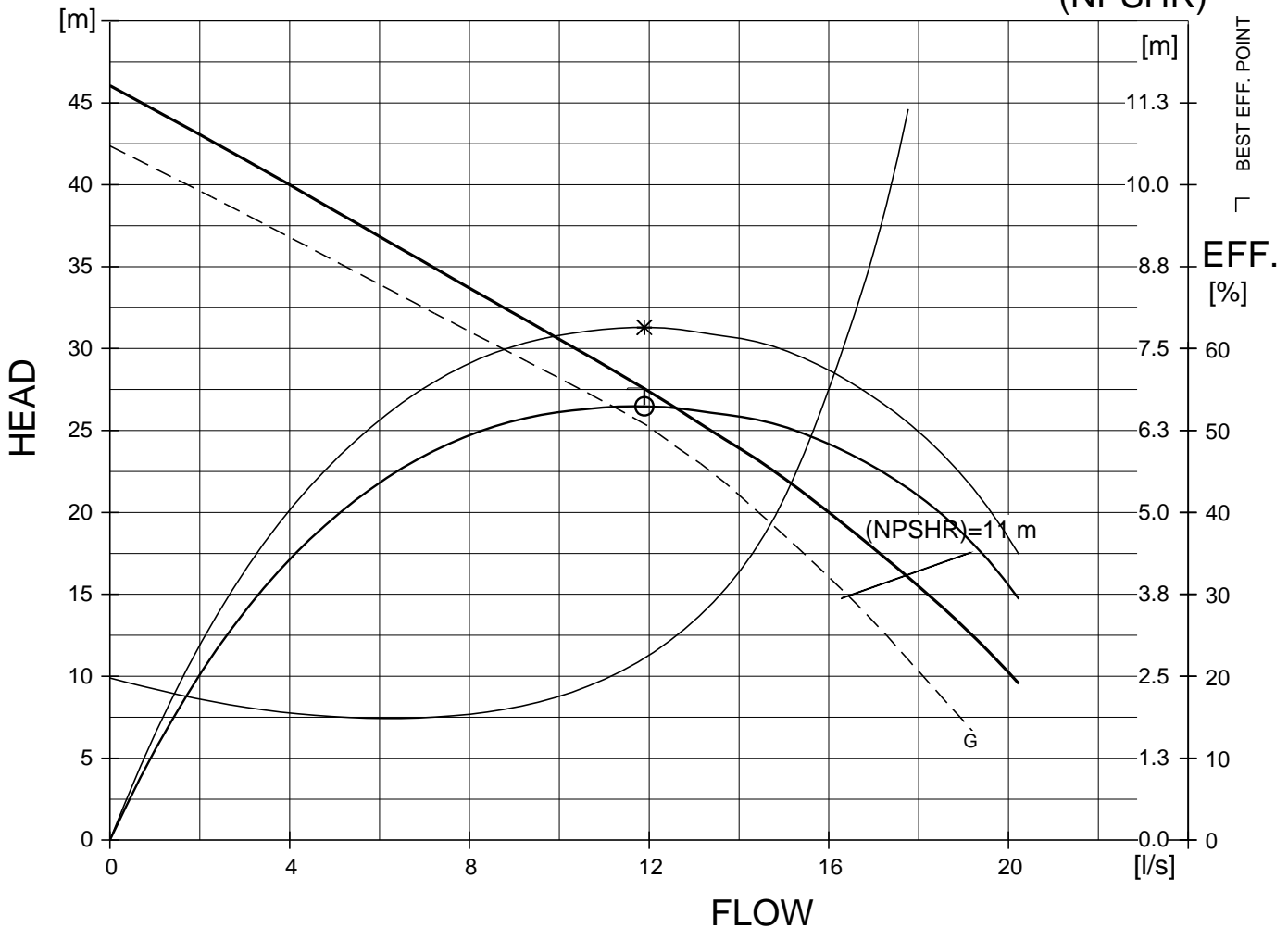
PRODUCT	BS2640.180	TYPE	HT
CURVE NO	53-251-00-4150	ISSUE	3

DATE	2023-02-23	PROJECT	
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POWER FACTOR	1/1-LOAD	3/4-LOAD	1/2-LOAD	RATED POWER	5.6	kW	IMPELLER DIAMETER			
	0.87	0.81	0.69				183 mm			
EFFICIENCY	84.0 %	85.0 %	84.0 %	STARTING CURRENT ...	78	A	MOTOR #	STATOR	REV	
MOTOR DATA	---	---	---	RATED CURRENT ...	11	A	15-14-2BB	01D	10	
COMMENTS	INLET/OUTLET			RATED SPEED	2895	rpm	FREQ.	PHASES	VOLTAGE	POLES
	- / 75 mm			TOT.MOM.OF INERTIA ...	0.021	kgm2	50 Hz	3	400 V	2
IMP. THROUGHLET				NO. OF BLADES	2		GEARTYPE	RATIO		
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DUTY-POINT	FLOW [l/s]	HEAD [m]	POWER [kW]	EFF. [%]	(NPSHR)[m]	GUARANTEE
B.E.P.	11.9	27.5	6.08 (5.14)	53.0 (62.6)	2.8	ISO 9906/annex A.2



FLYPS3.1.5.9 (20060531)

(NPSHR) = (NPSH3) + margins

Performance with clear water and ambient temp 40 °C

GUARANTEE BETWEEN LIMITS (G) ACC. TO
ISO 9906/annex A.2