



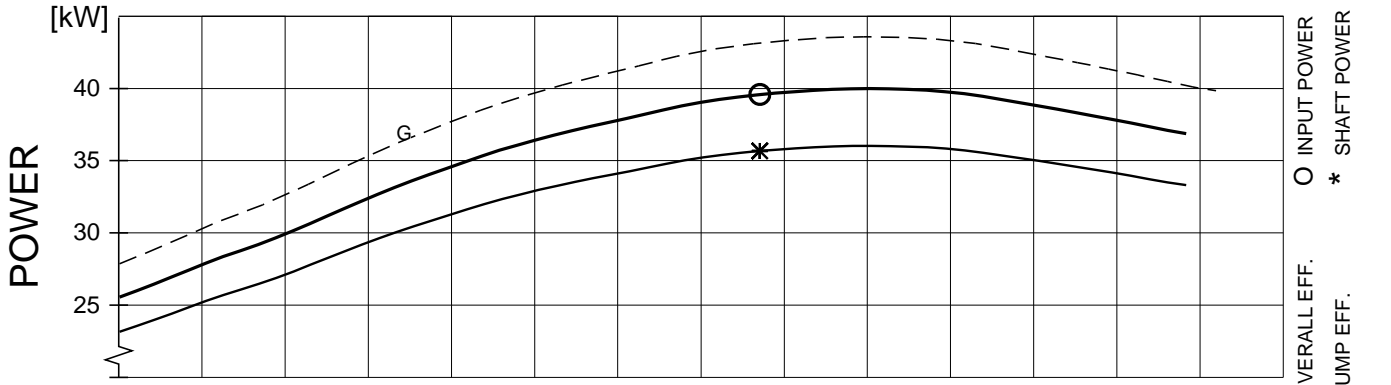
PERFORMANCE CURVE

PRODUCT	TYPE
BS2201.320	HT
CURVE NO	ISSUE
53-233-00-0350	4

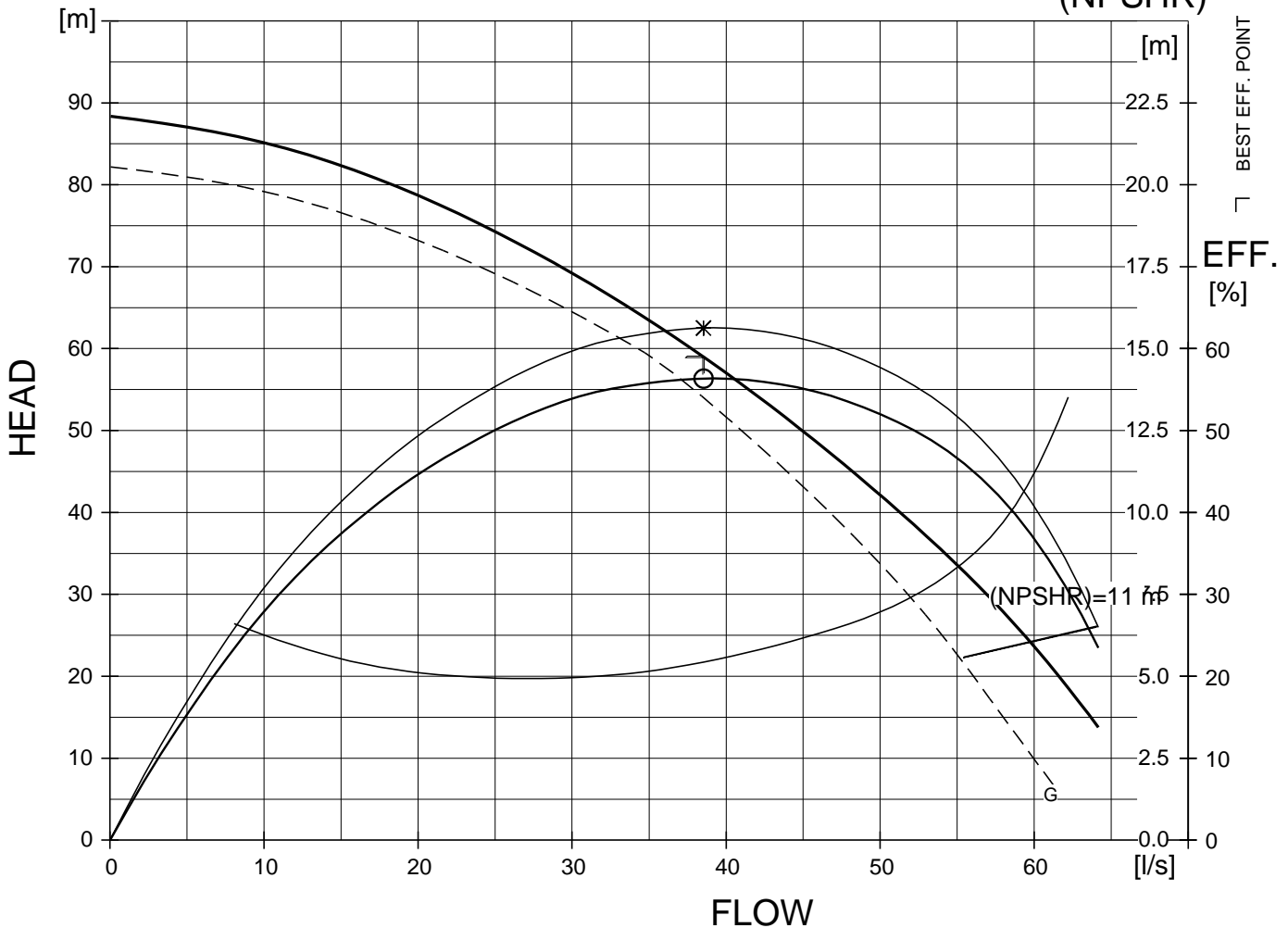
DATE	PROJECT
2023-02-23	

POWER FACTOR	1/1-LOAD	3/4-LOAD	1/2-LOAD	RATED POWER	37	kW
	0.92	0.90	0.85			
EFFICIENCY	90.0 %	90.5 %	90.0 %	STARTING CURRENT ...	430	A
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MOTOR DATA				RATED CURRENT ...	65	A
COMMENTS	INLET/OUTLET			RATED SPEED	2945	rpm
	-/100 mm					
				TOT.MOM.OF INERTIA ...	0.17	kgm2
IMP. THROUGHLET						
---				NO. OF BLADES	5	

IMPELLER DIAMETER			
268 mm			
MOTOR #	STATOR	REV	
30-19-2AA	38D	11	
FREQ.	PHASES	VOLTAGE	POLES
50 Hz	3	400 V	2
GEARTYPE		RATIO	
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DUTY-POINT	FLOW [l/s]	HEAD [m]	POWER [kW]	EFF. [%]	(NPSHR)[m]	GUARANTEE
B.E.P.	38.5	59.0	39.6 (35.7)	56.3 (62.5)	5.4	ISO 9906/annex A.1



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.1