



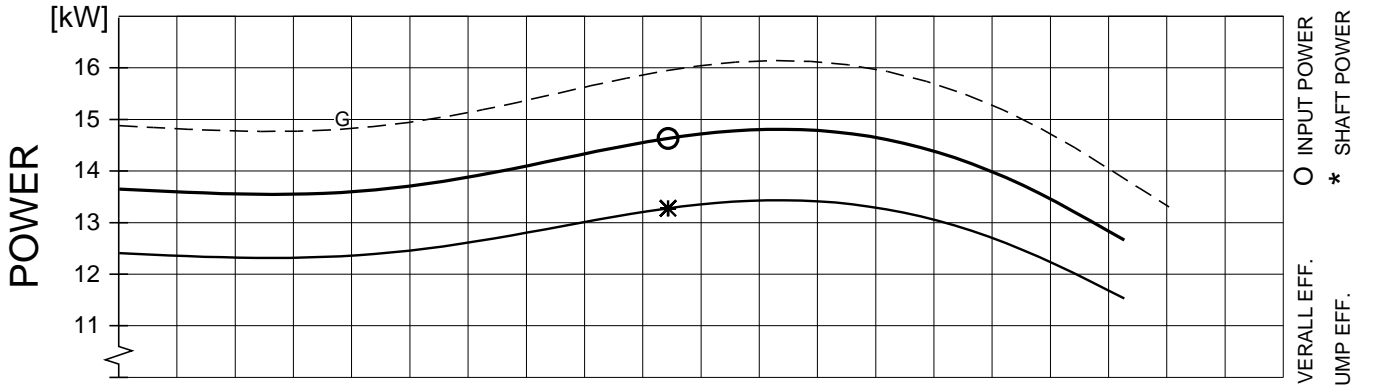
# PERFORMANCE CURVE

PRODUCT	TYPE
<b>BS2670.180</b>	<b>MT</b>
CURVE NO	ISSUE
53-230-00-0130	3

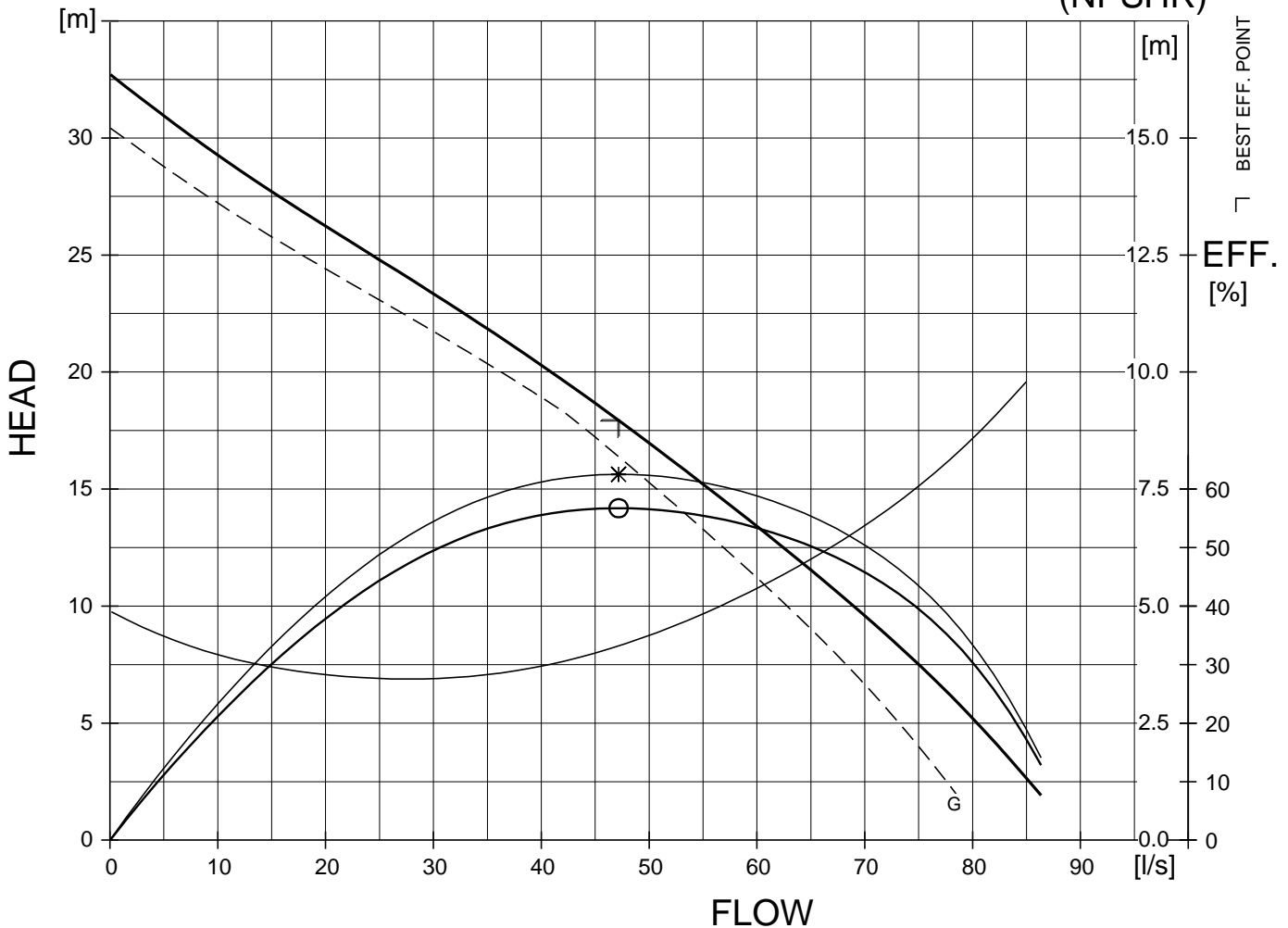
DATE	PROJECT
2023-02-23	

	1/1-LOAD	3/4-LOAD	1/2-LOAD	RATED POWER .....	18	kW
POWER FACTOR	0.90	0.87	0.80	STARTING CURRENT ...	213	A
EFFICIENCY	89.0 %	90.5 %	91.0 %	RATED CURRENT ...	32	A
MOTOR DATA	---	---	---	RATED SPEED .....	2890	rpm
COMMENTS	INLET/OUTLET			TOT.MOM.OF	0.034	kgm2
	-/150 mm			INERTIA ...		
	IMP. THROUGHLET			NO. OF	3	
	35 mm			BLADES		

IMPELLER DIAMETER			
143 mm			
MOTOR #	STATOR	REV	
21-18-2BB	01D	10	
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.	47.2	17.9	14.7 (13.3)	56.7 (62.5)	4.1	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**