

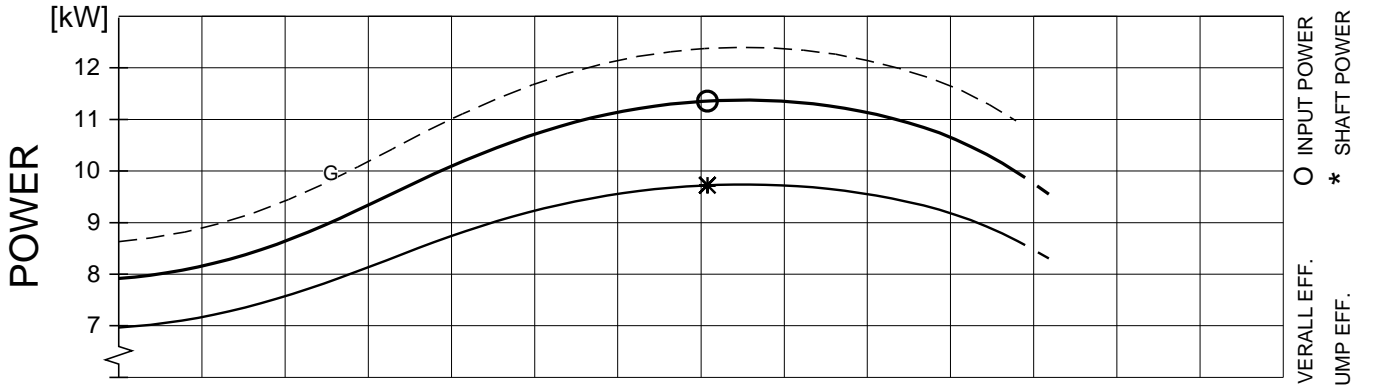


PERFORMANCE CURVE

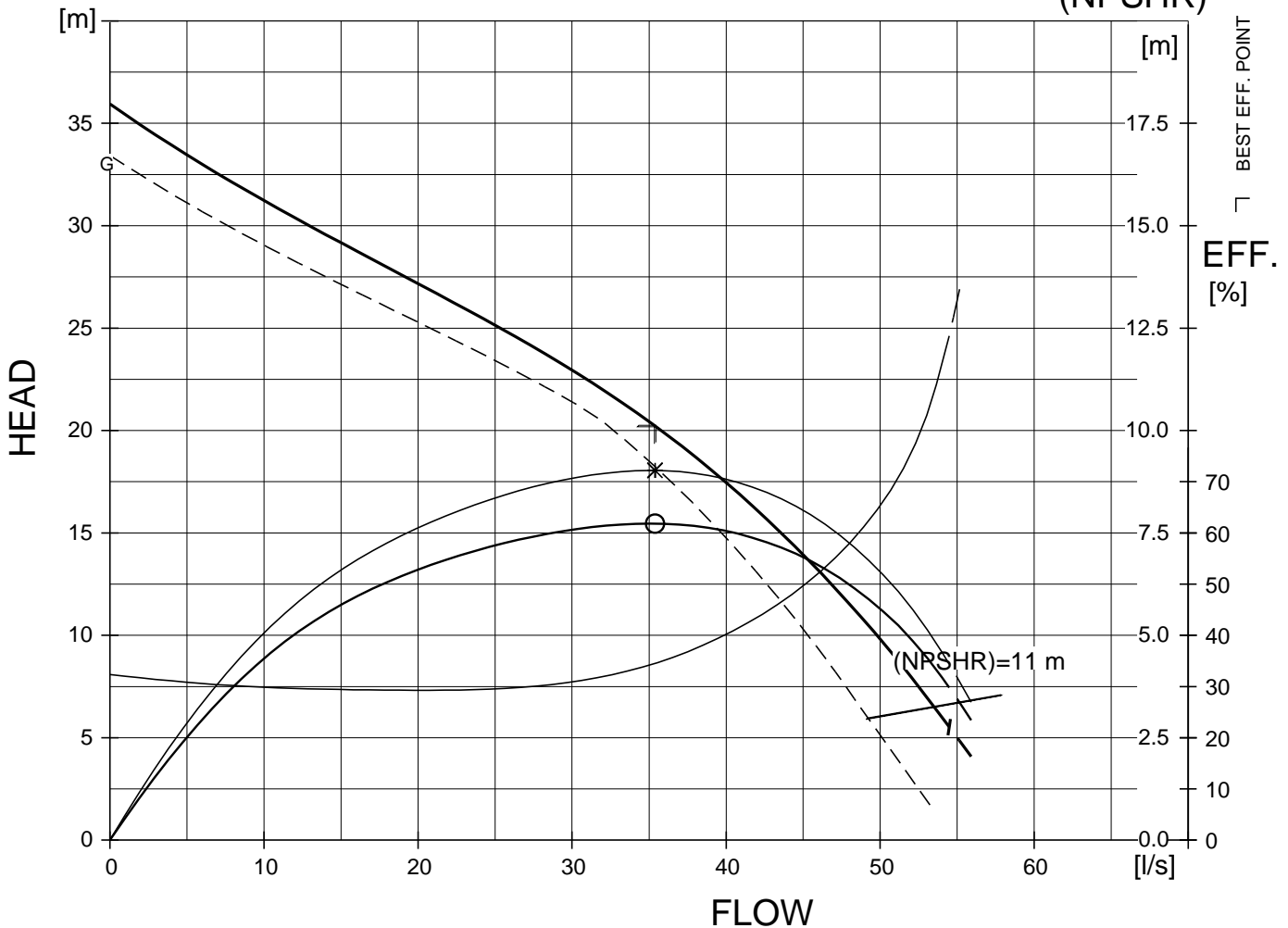
PRODUCT	TYPE
BS2660.180	MT
CURVE NO	ISSUE
53-226-00-0130	2

DATE	PROJECT
2023-02-23	

POWER FACTOR	1/1-LOAD	3/4-LOAD	1/2-LOAD	RATED POWER 10 kW	IMPELLER DIAMETER 167 mm			
	0.91	0.88	0.81			STARTING CURRENT ... 107 A		
EFFICIENCY	85.0 %	87.5 %	88.5 %	RATED CURRENT ... 19 A	MOTOR # 18-15-2BB			
MOTOR DATA	---	---	---	RATED SPEED 2855 rpm	STATOR 01D			
COMMENTS	INLET/OUTLET		RATED SPEED 2855 rpm	TOT.MOM.OF INERTIA ... 0.024 kgm2	FREQ. 50 Hz	PHASES 3	VOLTAGE 400 V	POLES 2
	IMP. THROUGHLET				GEARTYPE	RATIO		
		- /150 mm			---	---		



DUTY-POINT	FLOW [l/s]	HEAD [m]	POWER [kW]	EFF. [%]	(NPSHR)[m]	GUARANTEE
B.E.P.	35.4	20.2	11.4 (9.7)	61.8 (72.2)	4.3	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