

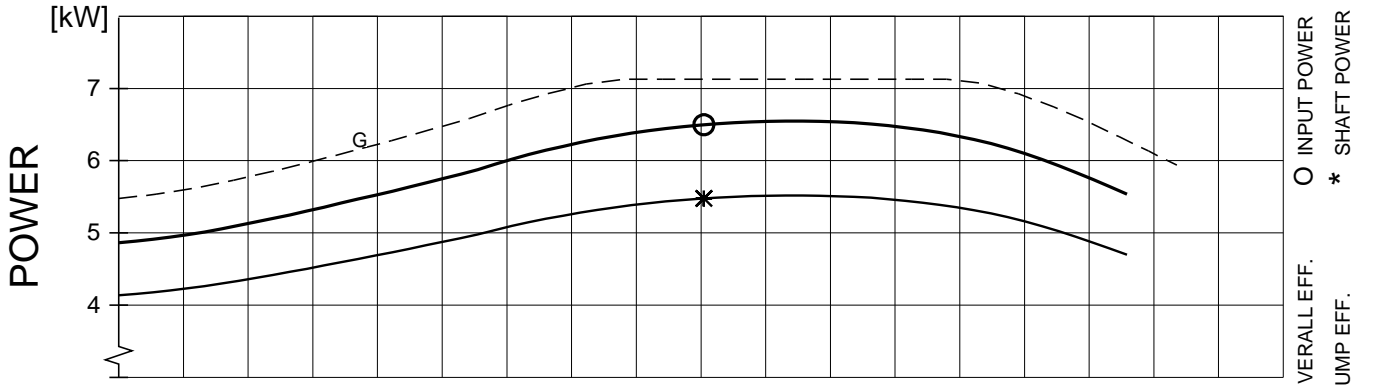


PERFORMANCE CURVE

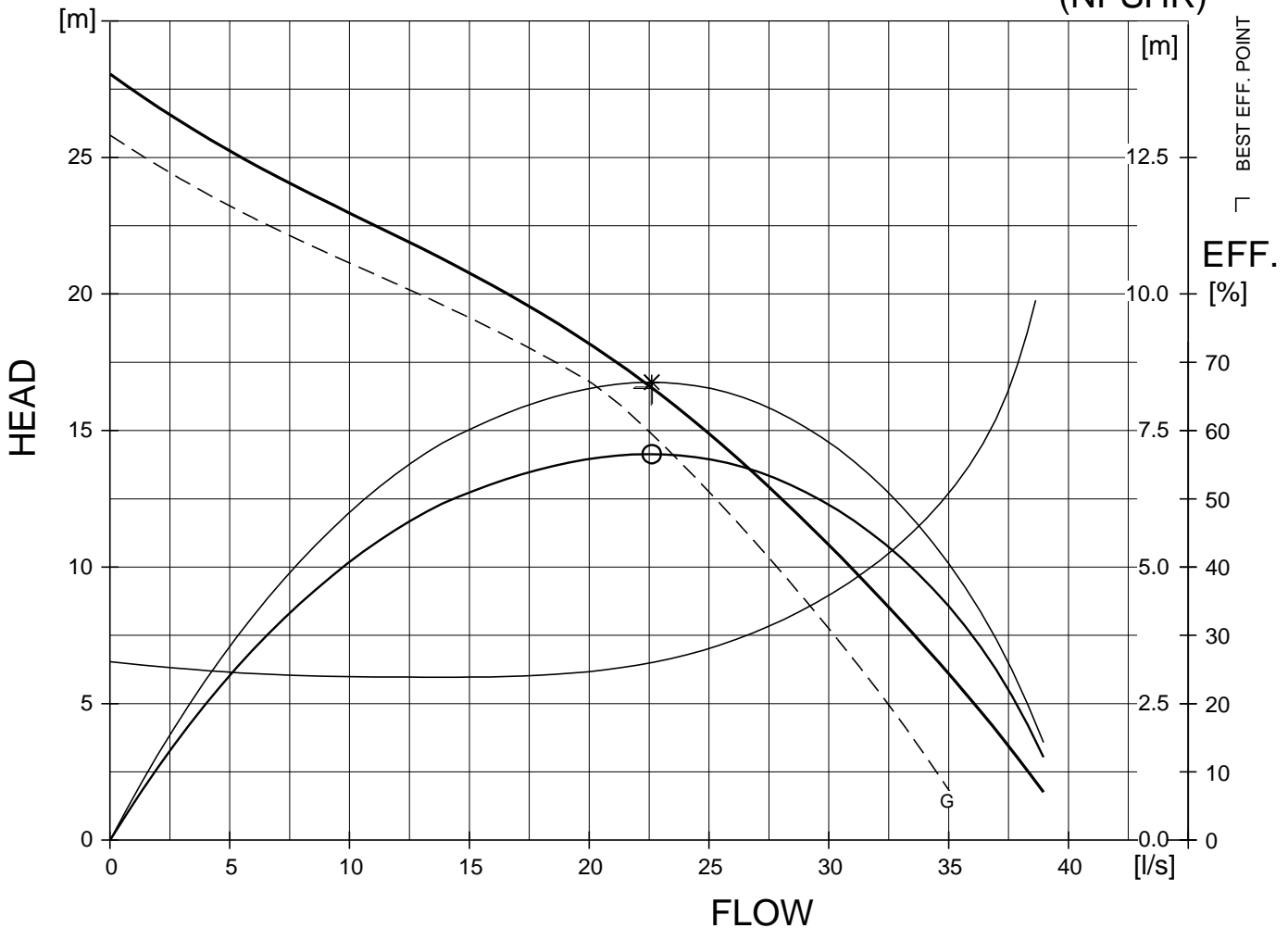
PRODUCT	TYPE
BS2640.180	MT
CURVE NO	ISSUE
53-226-00-4130	3

DATE	PROJECT
2023-02-23	

POWER FACTOR	1/1-LOAD	3/4-LOAD	1/2-LOAD	RATED POWER 5.6 kW	IMPELLER DIAMETER			
	0.87	0.81	0.69		149 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
	-/100 mm			TOT.MOM.OF INERTIA ... 0.013 kgm2	50 Hz	3	400 V	2
IMP. THROUGHLET				NO. OF BLADES	GEARTYPE		RATIO	
---				2	---		---	



DUTY-POINT	FLOW [l/s]	HEAD [m]	POWER [kW]	EFF. [%]	(NPSHR)[m]	GUARANTEE
B.E.P.	22.6	16.6	6.50 (5.48)	56.5 (67.1)	3.3	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