

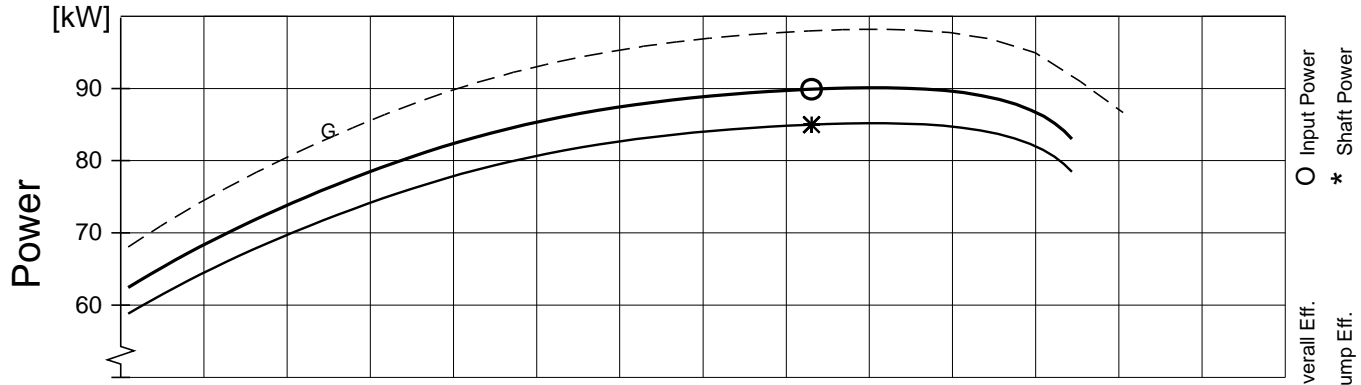


# Performance Curve

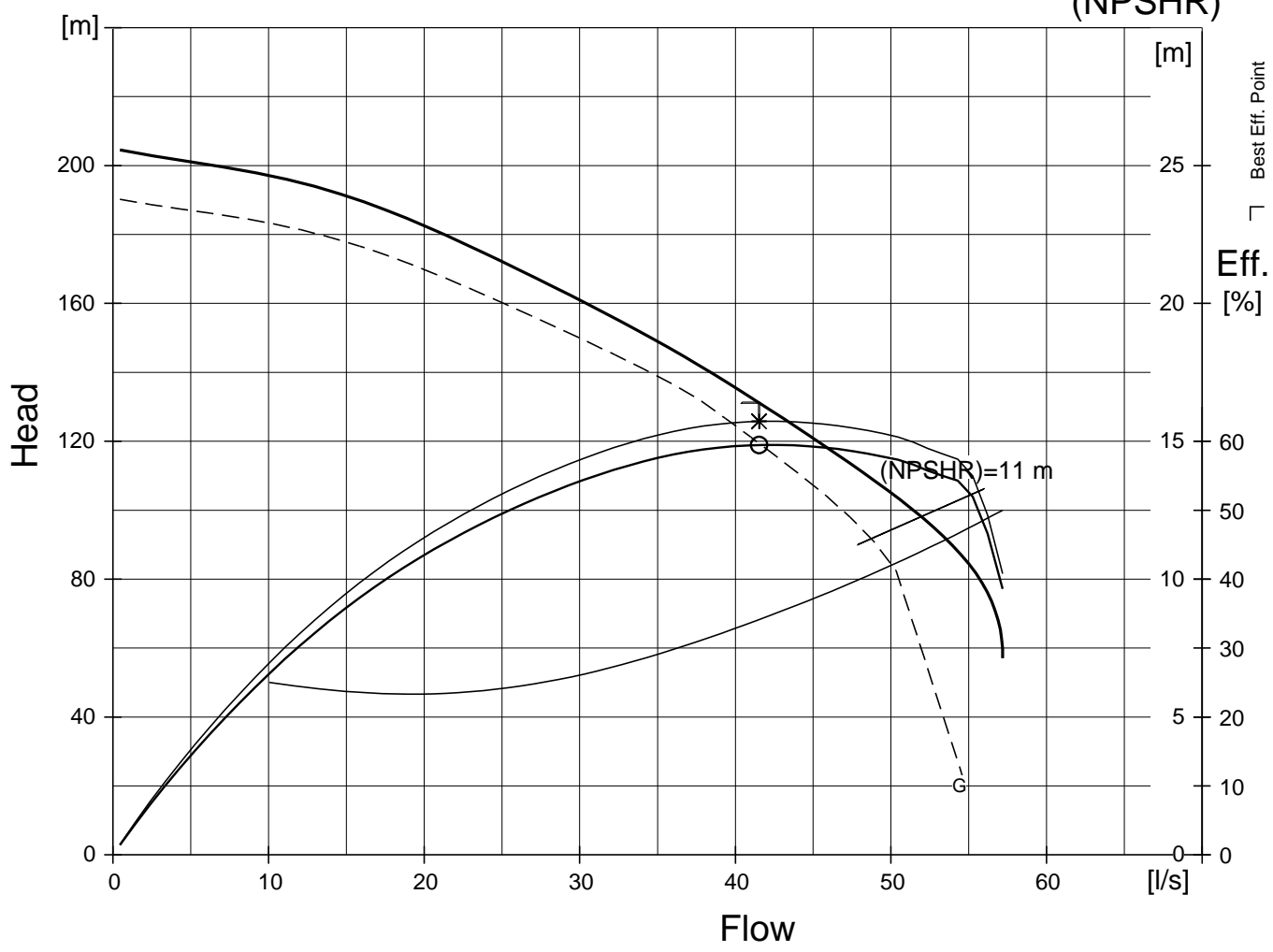
Product	BS2400.402	Type	HT
Curve No	53-243-00-1951	Issue	22

Date	2023-05-02	Project	
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Power Factor	0.93	1/1-Load	0.90	3/4-Load	0.84	1/2-Load	Rated Power ...	90	kW
Efficiency	94.5 %		94.0 %		93.5 %		Starting ...	1245	A
Motor Data	---		---		---		Rated Current ...	148	A
Comments	Inlet/Outlet		Rated Speed ...		2965		rpm		Motor # 42-26-2FF Stator 38D Rev 11 Freq. 50 Hz Phases 3 Voltage 400 V Poles 2 Geartype --- Ratio ---
	Imp. Throughlet		Tot. Mom. of Inertia ...		1.1		kgm2		
	---		No. of Blades		3				



Duty-Point	Flow [l/s]	Head [m]	Power [kW]	Eff. [%]	(NPSHR)[m]	Guarantee
B.E.P.	41.5	131	89.9 (85.0)	59.5 (62.9)	8.5	ISO 9906/annex A.1



riclars (20090313)

(NPSHR) = (NPSH3) + Margins  
Performance with cold clear water

Guarantee between limits (G) acc. to  
**ISO 9906/annex A.1**