

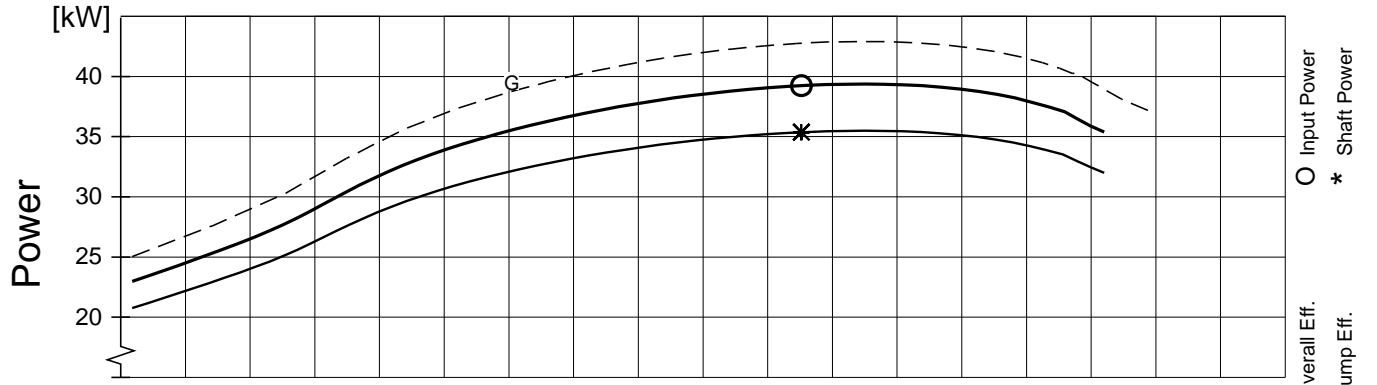


# Performance Curve

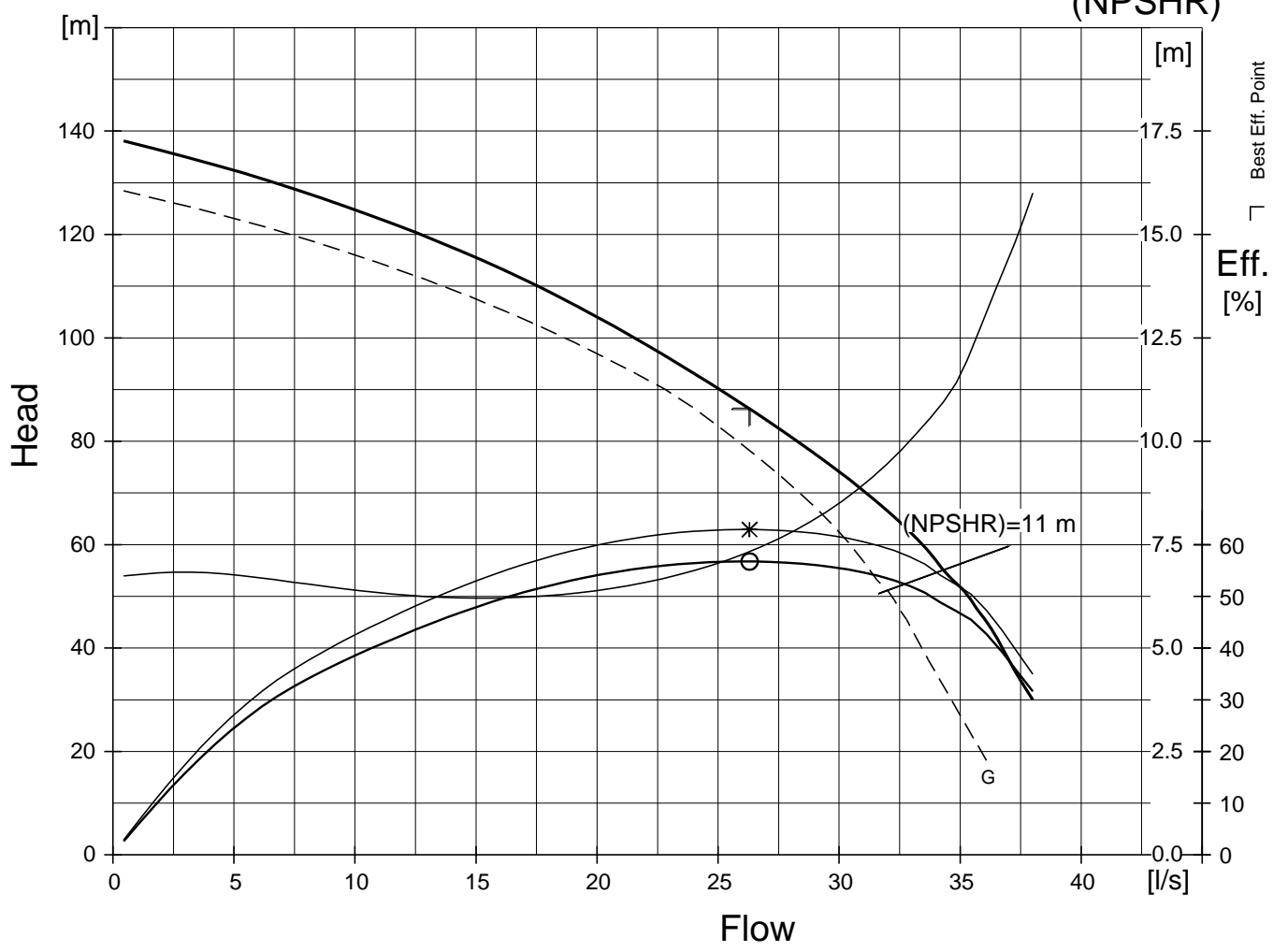
Product **BS2201.012** Type **SH**

Date **2023-05-02** Project \_\_\_\_\_ Curve No **53-276-00-0871** Issue **3**

Power Factor	1/1-Load	3/4-Load	1/2-Load	Rated Power ... Starting ...	<b>37</b> kW	Impeller Diameter			
	0.92	0.90	0.85			<b>232 mm</b>			
Efficiency	90.0 %	90.6 %	90.1 %	Rated Current ...	<b>430</b> A	Motor #	Stator	Rev	
Motor Data	---	---	---	Rated Current ...	<b>65</b> A	<b>30-19-2AA</b>	<b>38D</b>	<b>11</b>	
Comments	Inlet/Outlet			Rated Speed ...	<b>2945</b> rpm	Freq.	Phases	Voltage	Poles
	-/100			Tot. Mom. of Inertia ...	<b>0.19</b> kgm2	<b>50</b> Hz	<b>3</b>	<b>400</b> V	<b>2</b>
Imp. Throughtlet			No. of Blades	<b>3</b>	Geartype	Ratio			
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Duty-Point B.E.P. Flow [l/s] 26.3 Head [m] 86.3 Power [kW] 39.3 (35.4) Eff. [%] 56.7 (62.9) (NPSHR)[m] 7.3 Guarantee 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**