



Centrifugal Pump Type HGM185 - LNG

<u>Impeller / Density / Flowrate</u>	<u>Calculation Data of orifice if applicable</u>	<u>Performance data</u>
$\varnothing_{\text{impeller}} = 185 \text{ mm}$	$\Delta p_{\text{orifice}} = \text{-- bar}$	$f = 93,2 \text{ Hz}$
$\rho = 0,425 \text{ kg/l}$	$\varnothing_{\text{orifice}} = \text{-- mm}$	$n = 5500 \text{ min}^{-1}$
$Q = 550 \text{ l/min}$	$Q_{\text{orifice}} = \text{-- l/min}$	$Q = 550 \text{ l/min}$
		$\Delta H_{\text{w/o orifice}} = 151,92 \text{ m}$
		$\Delta p_{\text{w/o orifice}} = 6,33 \text{ bar}$
		$\eta_{\text{w/o orifice}} = 62,79 \%$
		$\Delta H_{\text{with orifice}} = \text{-- m}$
		$\Delta p_{\text{with orifice}} = \text{-- bar}$
		$\eta_{\text{with orifice}} = \text{-- \%}$
		$P_{\text{abs}} = 9,14 \text{ kW}$
		$NPSH_{\text{req}} = 0,67 \text{ m}$

