

Ahika Consulting DCC Somerville Street		Pump type : HYDRO-TITAN Pump size : 150x125-250 Pump Curve no : R21333/2 No. of Stages : 1	
Selection file : .UFS Catalog : TKL-50HZ Version : 305		Suction diameter : 150 mm Discharge diameter : 125 mm	
Rated Conditions Rated flow : 105 L/s Rated head : 60 m NPSH available : --- m Max. solids size : --- mm		Pump Limits Maximum Impeller dia. : 265 mm Maximum sphere size : 18 mm Minimum flow : --- L/s Maximum catalog speed : 3000 rpm	
Fluid Details Fluid type : Water Specific Gravity : 1.000 Viscosity : 1.0 cP Temperature : 20.0 °C Viscosity Corrections : Flow x 1 Head x 1 Eff x 1		Motor Details Power : 90 kW Frame : 280S Enclosure : TEFC Sizing Criteria : Design curve	
Pump Performance Pump speed : 2975 r/min Impeller diameter : 231 mm Design flow : 105 L/s Design head : 60.5 m Pump efficiency : 85.8% NPSH required : 6.35 m Absorbed Power : 72.5 kW NOL Power : 75.3 kW		Design Notes Shutoff Head : 75.3 m Shutoff dP : 7.37 bar Flow at BEP : 97.7 L/s BEP efficiency : 86.4 % Design flow as % of BEP : 107.5% Head rise to Shutoff : 24.5% Impeller dia. as % of max : 87.2% NOL Power (max. curve) : 124 kW	

