

Flowserve Daniel Pricone		Pump type Pump size Pump Curve no No. of Stages	: SUPER-TITAN : 350x400-425 : R21960/1 : 1
Selection file Catalog Version	: UNTITLED : TKL-50HZ.MPC : 305	Suction diameter Discharge diameter	: 400 mm : 350 mm
Rated Conditions Rated flow Rated head NPSH available Max. solids size		Pump Limits Maximum Impeller dia. Maximum sphere size Minimum Flow	
: 300 L/s : 46 m : --- m : --- mm		: 406 mm : 53 mm : 152 L/s	
Fluid Details Fluid type Specific Gravity Viscosity Temperature Vapour pressure		Motor Details Power Frame Enclosure Sizing Criteria	
: Water : 1 : 1.1 cP : 15.6 °C : 1.8 kPa		: 185 kW : 315L : TEFC : NOL Power	
Pump Performance Pump speed Impeller dia. Design flow Design head Pump efficiency NPSH required Absorbed Power NOL Power		Shutoff Head Shutoff dP Flow at BEP BEP efficiency Design flow as % of BEP Head rise to Shutoff Impeller dia. as % of max NOL Power (max. curve)	
: 1480 r/min : 387 mm : 300 L/s : 46.3 m : 84.9 % : 4.3 m : 160 kW : 174 kW		: 54 m : 529 kPa : 371 L/s : 87.5 % : 80.9 % : 16.5 % : 95.3 % : 202 kW	

