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Customer Ref. No.:
Customer Name:
Contact Person:
Quantity: 1

Service:
Quote no:
Date: 2013/06/27 10:00:00 AM

Pump Details	
Pump Model	65-32H 2P
Range	EAGLE DIN
Rated Flow	120 m³/hr
Rated Head	92.28 m
Efficiency	60.58 %
QBEP	100.1 %
Impeller diameter	286.2 mm
Maximum impeller	329 mm
Pump speed	2900 rpm
Maximum Speed	2900 rpm
Impeller tip speed	43.46 m/s
Npsh required	0 m
Flange size	/
Flange specification	BS4504
Casing construction	
Impeller type	
Impeller construction	
Maximum solids	
Shaft construction	
Shaft size	
Sealing arrangement	
Material used for sealing	
Coating on wetted parts	
Coating type	
Bearing sizes	
Approximate mass	kg
Paint specification	

Electrical Driver Details	
kW Motor	55 kW
Kw absorbed	49.77 kW
Kw required	54.75 kW
Driver type	
Driver efficiency	
Full load current	
Locked rotor current	
Frame size	250S/M
Temperature rise	
Insulation class	
Bearing size D/E	
Bearing size N/D/E	
Weight	0
Shaft size	
Starts per minute	

Selection Details	
Required Flow	120 m³/hr
Required Head	92.28 m
Static Head	5 m
Friction Head	87.28 m
Suction Height	5 m
Discharge Height	10 m
Discharge Pressure	500 kPa
Head Ratio	1
NPSH Available	2.35 m

Liquid Details	
Name of liquid	Water
SG of liquid	1
Vapour pressure	0.2 kPa a
Temperature	26 °C
PH	7
Viscosity	1 cP

Suction Pipe Details	
Pipe Material	STEEL "Bare"
Roughness factor	0.25
Pipe Nominal Diameter	100
Pipe Internal Diameter	98.3
Pipe velocity	4.393
Pipe Length	50
Friction loss for fittings	0
Total Friction Head	12.68

Discharge Pipe Details	
Pipe Material	STEEL "Bare"
Roughness factor	0.25
Pipe Nominal Diameter	100
Pipe Internal Diameter	94.3
Pipe velocity	4.773
Pipe Length	75
Friction loss for fittings	0
Total Friction Head	23.65

Base Plate Details	
Base plate design	
Material	
Machined pads	
Jacking bolts	
Inertia springs	
Guard type	