IYYM EPS FZE,
POB 261264,
Dubai,
UAE

CENTRIFUGAL PERFORMANCE TEST REPORT

Pump Model	Stages	Customer	IYYM Job No.	Customer Item No.	Customer Order No.	Pump Serial No.
RPH S6 080 280		**KSB MIDDLE EAST FZE**	**JN 16252**		**4507_001_REV1**	**9972912458/100**

	Field Rating	Test Rating Water	Actual Deviation %	Acceptance Tol %			Nominal Diameter	Inside Diameter
						Suction Pipe:	**100 mm**	**103.5 mm**
						Discharge Pipe:	**80 mm**	**77.9 mm**
Dif. Head	**67.03 m**	**58.79 m**	**-12.3**	**3**	**-2**	Test Motor	**WEG MOTOR**	
Power	**30 kW**	**20.50 kW**	**-31.7**	**4**	**N/A**	Test Standard	**API 610 10th EDITION 151-300m**	
Capacity	**76.02 m^3/hr**	**76 m^3/hr**		**0**	**0**	Remarks:		
Efficiency	**60.9 %**	**50.3 %**		**N/A**	**N/A**			
Speed	**2955 RPM**	**2955 RPM**		**N/A**	**0**			
Sp. Gravity	**0.850**	**0.850**						
Viscosity	**1 cs**	**1 cs**						

Gauge to Gauge Elev:	**0.3 m**	Imp Test Dia (mm)	**234.00**

	Speed	Suction Bar gauge Test Value		Discharge Bar gauge Test Value		Hv	Differential Head	Capacity FLOW METER Flow Rate		Power Calculation Voltage = 384 V Current	Watt Meter 1	Motor Input	Motor Output	Pump Input Power	Pump Power Output	Pump Eff	Temp DIS	Temp SUC	Corrected to: YES Dif. 'I Head	Constant Speed 2955 RPM Capacity	Constant Temp 30 °C Power @ Sp. Gravity=1.000	Imp Diameter 234 mm Power @ Sp. Gravity=0.85
	RPM	**Bar**	**m**	**Bar**	**m**		**m**	**m^3/hr**	**m^3/hr**	**Amps**	**kW**	**kW**	**kW**	**kW**	**kW**	**%**	**°C**	**°C**	**m**	**m^3/hr**	**kW**	**kW**
1	**2955**	**0.06**	**0.61**	**7.53**	**76.93**	**0.00**	**76.62**	**0.0**	**0.0**	**33.0**	**13.6**	**13.65**	**13.65**	**13.65**	**0.00**	**0.0**	**32.0**	**32.0**	**76.59**	**0.00**	**13.64**	**11.60**
2	**2955**	**0.01**	**0.10**	**7.37**	**75.30**	**0.08**	**75.57**	**28.9**	**28.9**	**43.0**	**18.5**	**18.52**	**18.52**	**18.52**	**5.93**	**32.0**	**32.0**	**32.0**	**75.55**	**28.89**	**18.51**	**15.73**
3	**2955**	**-0.06**	**-0.61**	**5.72**	**58.44**	**0.51**	**59.86**	**74.2**	**74.2**	**62.0**	**23.9**	**23.88**	**23.88**	**23.88**	**12.06**	**50.5**	**32.0**	**32.0**	**59.84**	**74.14**	**23.87**	**20.29**
4	**2955**	**-0.07**	**-0.72**	**5.59**	**57.11**	**0.54**	**58.66**	**76.2**	**76.2**	**62.0**	**25.0**	**25.03**	**25.03**	**25.03**	**12.15**	**48.6**	**32.0**	**32.0**	**58.64**	**76.23**	**25.02**	**21.27**
5	**2955**	**-0.14**	**-1.43**	**4.31**	**44.03**	**0.87**	**46.63**	**97.1**	**97.1**	**67.0**	**25.1**	**25.08**	**25.08**	**25.08**	**12.30**	**49.0**	**33.0**	**32.0**	**46.62**	**97.06**	**25.07**	**21.31**
6	**2955**	**-0.22**	**-2.25**	**2.85**	**29.13**	**1.27**	**32.94**	**117.4**	**117.4**	**70.0**	**27.3**	**27.27**	**27.27**	**27.27**	**10.51**	**38.6**	**33.0**	**33.0**	**32.93**	**117.43**	**27.26**	**23.17**