



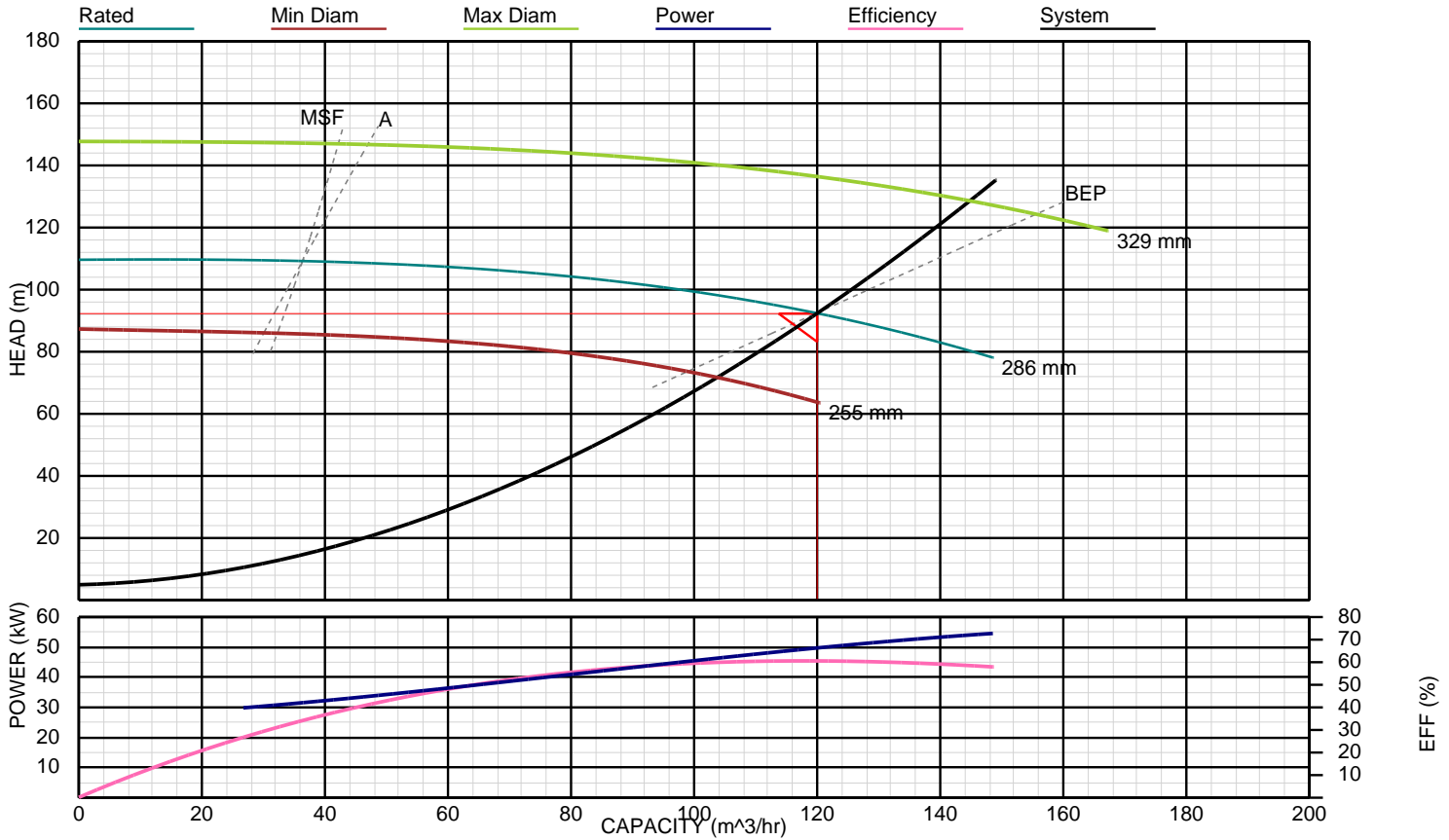
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Customer Ref. No.:	Service:
Customer Name:	Quote no:
Contact Person:	Date: 2013/06/27 10:00:00 AM

Pump model: 65-32H 2P



Pump Details (Rated Duty)

Pump Code	65-32H 2P
Rated Flow	120 m ³ /hr
Rated Head	92.28 m
Power Absorbed	49.77 kW
Pump Efficiency	60.58 %
NPSH Required	0 m

System Details

Required Flow	120 m ³ /hr
Static Head	5 m
Total Head	92.28 m
NPSH Available	2.35 m

Impeller Diameter / Pump Speed

Impeller Diameter	286.2 mm
Min Diameter	255 mm
Max Diameter	329 mm
Pump Speed	2900 rpm
Maximum Speed	2900 rpm
Tip Speed	43.46 m/s

Liquid Details

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

Best Efficiency Point (BEP)

Pump BEP	60.67 %
Flow at BEP	119.9 m ³ /hr
Head at BEP	92.46 m
Q _{bep} (% of BEP Flow)	100.1 %

Electric Motor Details

Min Power Required	54.75 kW
Motor Size	55 kW
Supplier	WEG
Efficiency rating	IE1
Frame Size	250S/M