



### Pump model: M3H-CR 200/150

#### Pump

Pump range	-CR
Speed	976 rpm
Max Speed	1200 rpm
Efficiency @ BEP	69.63 %
No. of pumps	1
Power absorbed - Total	54 kW

#### Duty Point

Flow	100 l/sec
Static Head	0 m
Total Head	30 m
Efficiency	67.78 %
NPSH required	1.443 m
% of BEP	77.74 %
Power absorbed - @ Duty	53.5 kW
Motor size	75 kW
Tip Speed	22.08 m/s
Impeller Diameter	432 mm
Speed Head	30 m

#### Slurry Data

Solid flow rate	149.1 Tons/hr
Solid SG	2.7
Slurry SG	1.233
% Comp. by Weight	30 %
% comp. by Volume	13.7 %
Ave. Particle size (D50)	0.3 microns
Max Particle Size	0 microns
Head Ratio	1

#### Engineer's Notes