SPEC SHEET

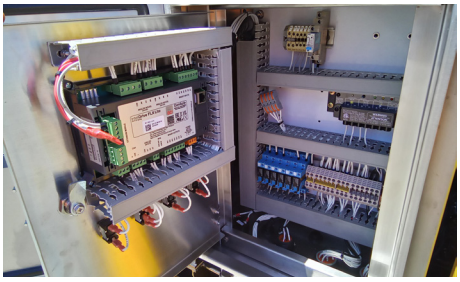
NPE
NATIONAL PUMP & ENERGY

WARMAN 64AHPP HEAVY DUTY CENTRIFUGAL SLURRY PUMP

INTRODUCING OUR LATEST PUMPING SOLUTION DESIGNED SPECIFICALLY FOR HIGH-HEAD MINING SLURRY APPLICATIONS

KEY FEATURES

- Engine: 6.7 litre Cummins Engine
- WARMAN 64AHPP
- High Pressure Casing to 68.9 Bar
- Gland Packed Seal arrangement
- Impeller is High Chrome – AO5 Material
- Pump Rated to 300KW
- Pressure transducers fitted to inlet and discharge to facilitate fully automatic operation
- Control System to allow automatic inline pressure boosting for Slurry application



Our system boasts full automation with the added convenience of remote access and control for easy system viewing. Plus, our remote and automatic speed and pressure control ensure optimal performance. With the ability to be installed in a pressure-boosting arrangement, our pumps are perfect for thickener underflow situations when maintenance is required on-site.

You can easily adjust to your specific needs with adjustable ramp-up and down speeds on both the primary and booster pumps. Our fully automatic gland flush water system can handle pressures up to 1600kPa, ensuring maximum efficiency.

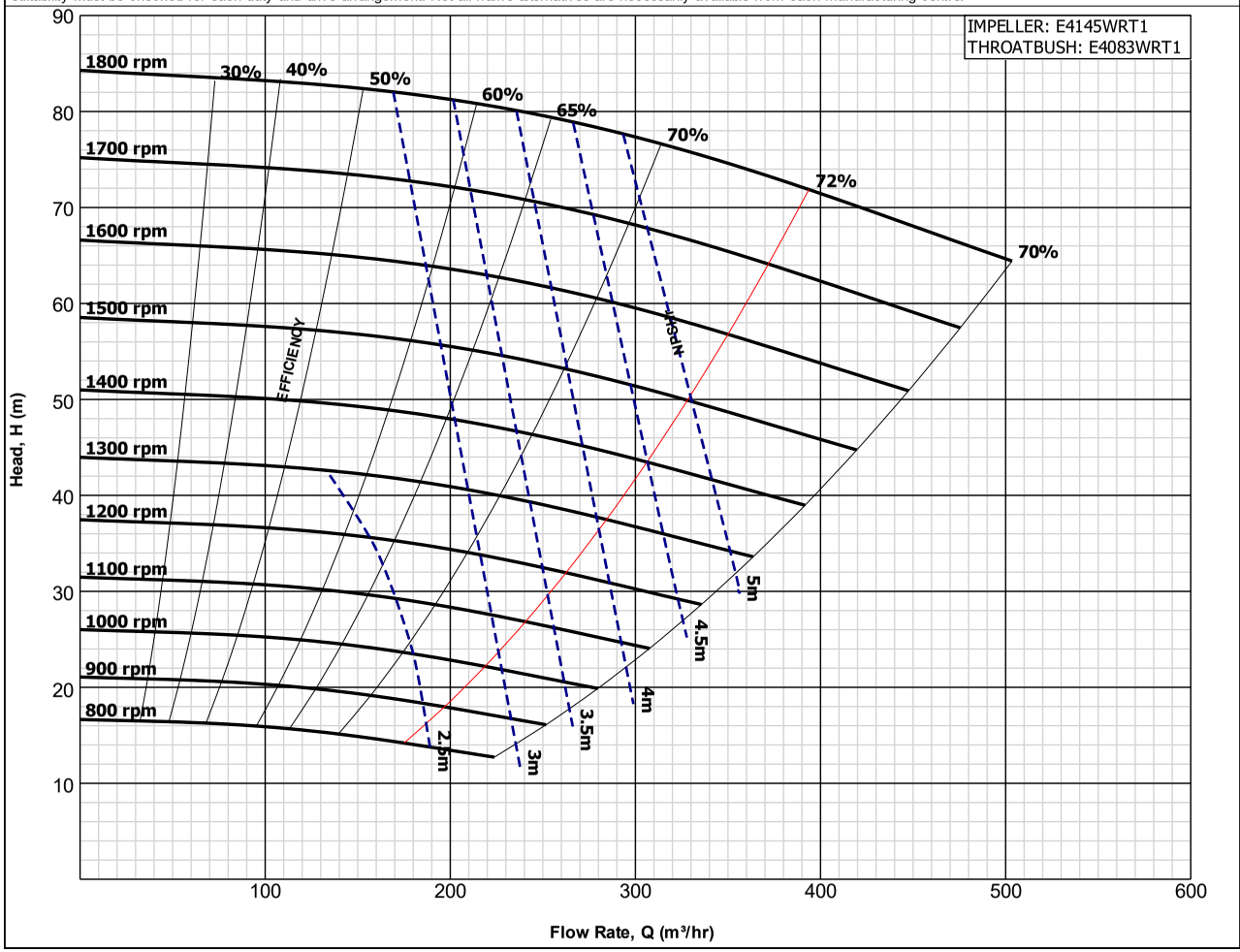
Our product is fully compliant with mine specifications and comes with engineering support. We also offer in-house commissioning and witness testing to confirm start, run, stop methodology and control.

WARMAN®
Centrifugal Slurry Pumps

Horizontal Pump

6/4 AH-WRT™

CURVE SHOWS APPROXIMATE PERFORMANCE FOR CLEAR WATER (International Test Standard ISO9906:1999 - Grade 2 unless otherwise specified). For media other than water, corrections must be made for density, viscosity and/or other effects of solids. WEIR MINERALS reserves the right to change pump performance and/or delete impellers without notice. Frame suitability must be checked for each duty and drive arrangement. Not all frame alternatives are necessarily available from each manufacturing centre.



Excellent Minerals Solutions

WEIR MINERALS

Pump	
Discharge	102mm
Suction	152mm

Impeller	
Vanes	4
Vane ø	386mm
Type	Closed
Part No	**Material**
E4145WRT1	Metal

Frame (Rating - KW)	
D	60
DY	60
DD	110
E	120
EY	120
Q	150
EE	225
R	300
RYFC	300

Seal

Gland Sealed Pump

Liner (Norm Max r/min)	
Polymer	1325
Metal	1800

Min Passage Size

41mm

Curve

Revision 1

Revision Notes
Test Standard changed to ISO9906

Reference
TEST 200, 200A, 200B

TYPICAL PUMP PERFORMANCE CURVE

WPA64A020/1

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