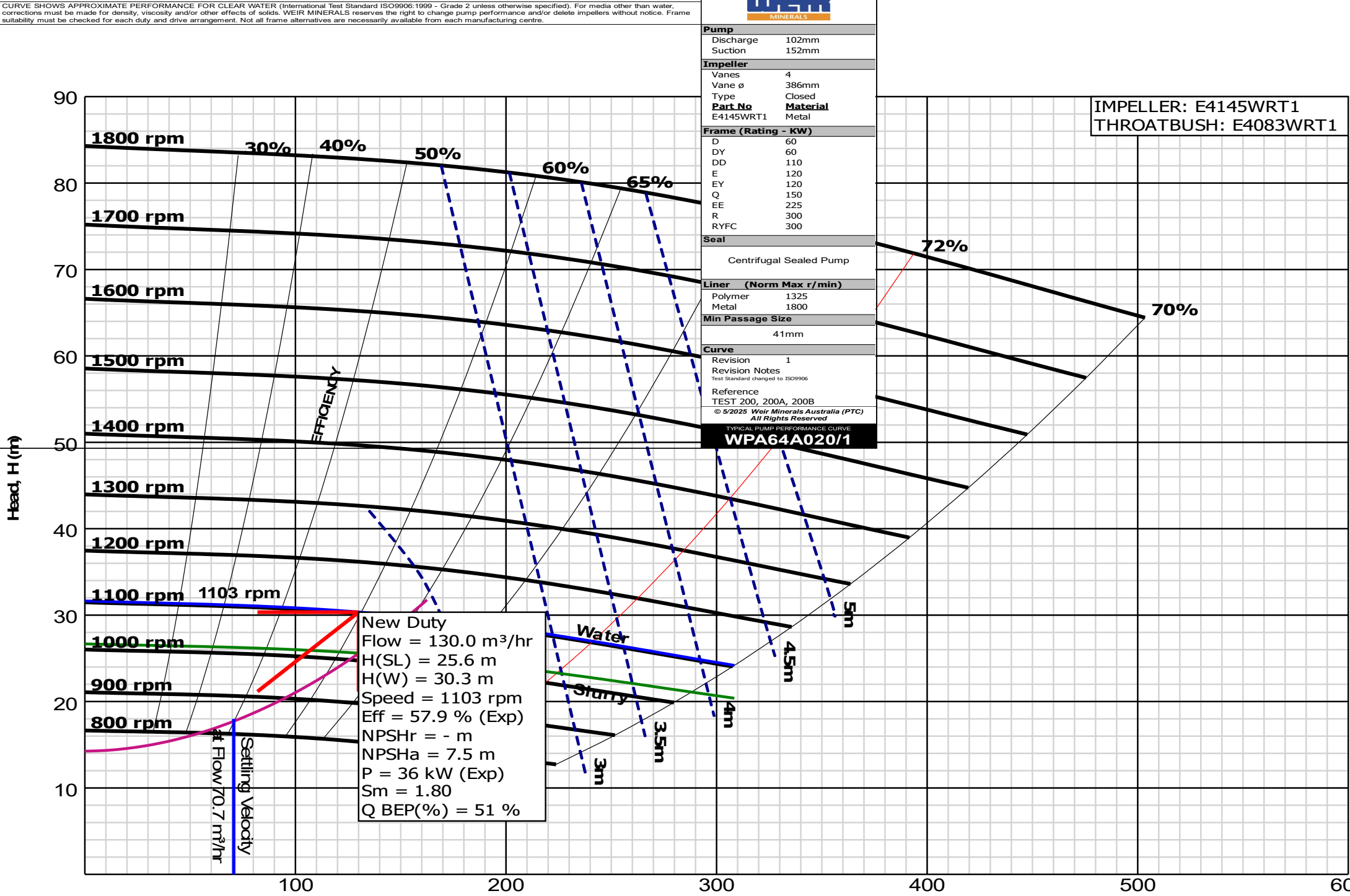


Horizontal Pump  
**6/4 AH-WRT™**



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	
Centrifugal 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
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TYPICAL PUMP PERFORMANCE CURVE <b>WPA64A020/1</b>	



IMPELLER: E4145WRT1  
 THROATBUSH: E4083WRT1

New Duty  
 Flow = 130.0 m³/hr  
 H(SL) = 25.6 m  
 H(W) = 30.3 m  
 Speed = 1103 rpm  
 Eff = 57.9 % (Exp)  
 NPSHr = - m  
 NPSHa = 7.5 m  
 P = 36 kW (Exp)  
 Sm = 1.80  
 Q BEP(%) = 51 %

Head, H (m)

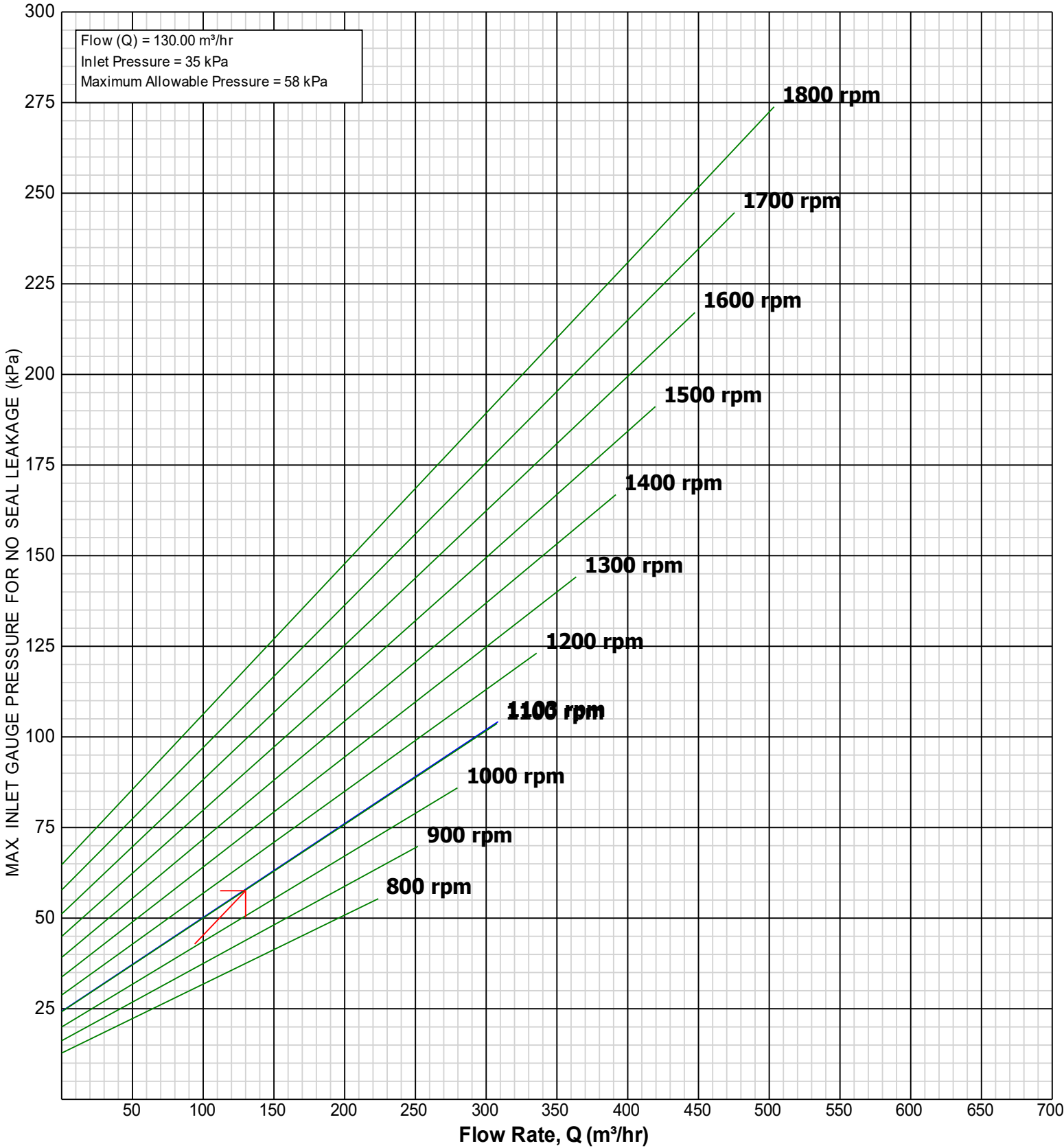
Flow Rate, Q (m³/hr)

# Horizontal Pump 6/4 AH-WRT™



## CENTRIFUGAL SEAL PERFORMANCE CURVES

Pump		Impeller					Expeller	CSP
Suction	Discharge	Vanes	Type	Diameter	Material	PartNo	PartNo	
152	102	4	STD	386 mm	Metal	E4145WRT1	HSE4145WRT1	
APPROXIMATE PERFORMANCE FOR CLEAR WATER. For media other than water corrections must be made for the effects of solids. Centrifugal Seals are not normally used for duties with negative inlet pressure due to the possibility of air being drawn in at the seal.							ISSUE:	五月 2025
							REVISION:	0
							REF:	



# Torque / Speed Curve

Pump: 6/4 AH-WRT™

Impeller Mass: 63.00 Kg

Impeller & Shaft Polar Mass Moment of Inertia: 1.32 Kgm<sup>2</sup>

Pump Input Power: 35.63 kW

Pump Speed: 1016 rpm

