

ALLIGHTSYKES

SYKES HH160i

Technical Pack

Rev1 Dec2017



LIGHT

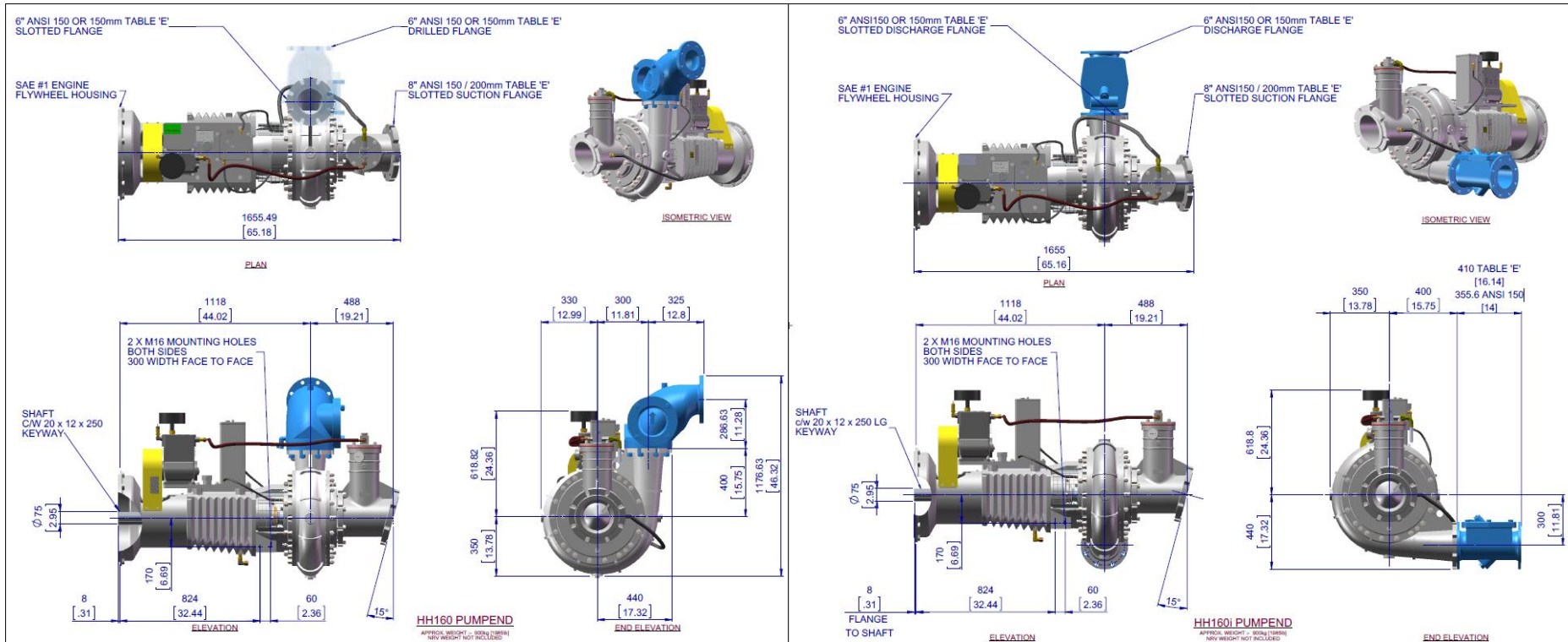


WATER



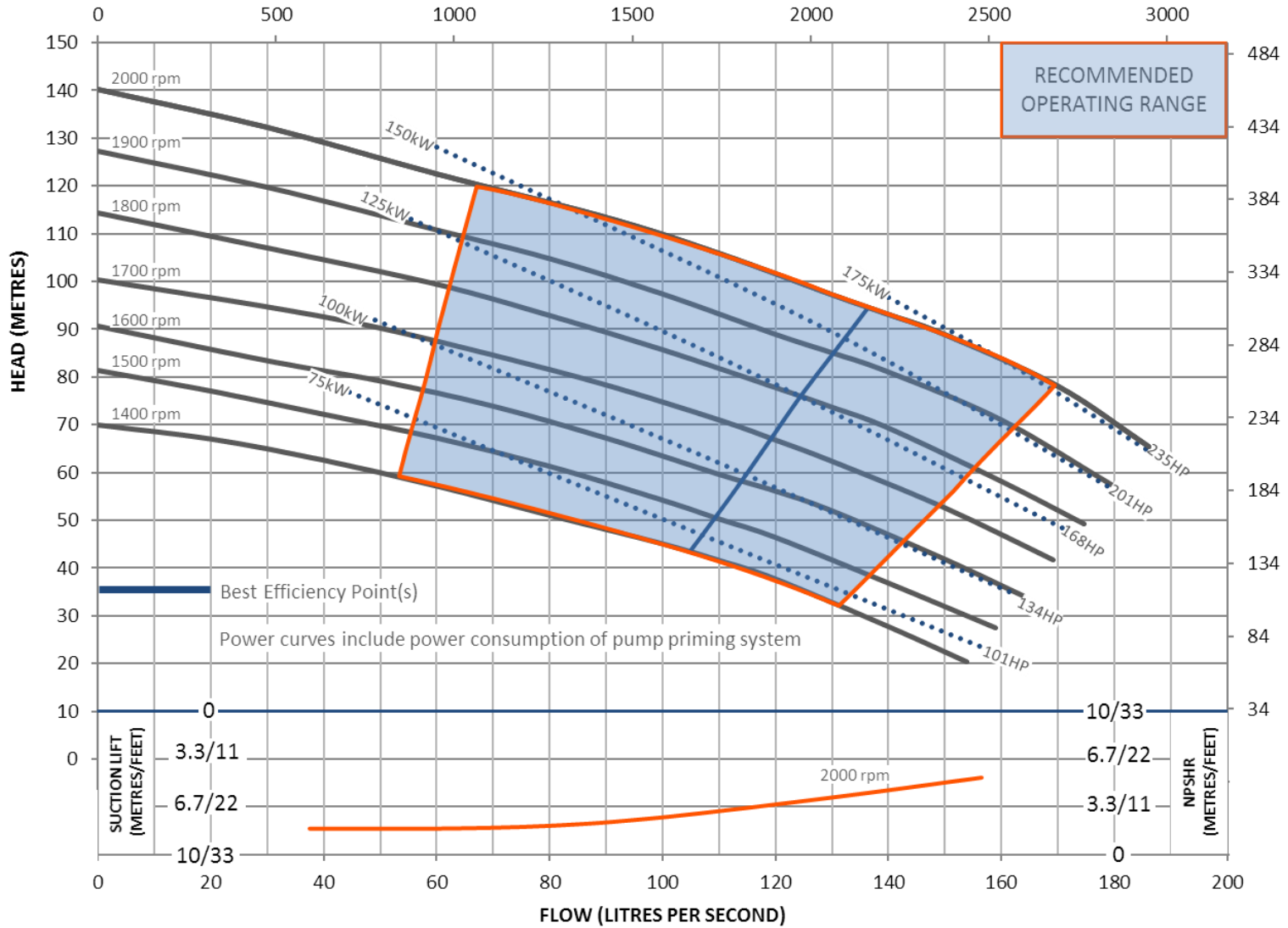
POWER

SYKES HH160i - Pumpend



HH160i Performance Curve

FLOW (US GPM)



WATER

PUMPEND:

HH160i

IMPELLER DIA:

456mm / 17.95"

SOLID HANDLING SIZE:

65mm / 2.56"

SUCTION SIZE:

200mm / 8"

DISCHARGE SIZE:

150mm / 6"

Revision: 1 25-08-17

SYKES

¹Performance to AS2417/ISO9906 Grade 2 for clear, cold (15°C) water at sea level. Other liquids may require performance adjustments.
²Performance curves do not include discharge check or non return valve losses.

Design Details			Material Data					
Single Stage, End Suction type, 2 vane open impeller, single volute, centrifugal pump			Standards		AUSTRALIAN		AMERICAN	
			Materials of Construction	<i>Material</i>	<i>Grade</i>	<i>AS</i>	<i>Grade</i>	<i>ASTM</i>
Suction Flange	200 8	mm Inch	Tee Piece	SG IRON	400/12	1831	65-45-12	A536
Delivery Flange	150 6	mm Inch	Front Adaptor Plate	SG IRON	400/12	1831	65-45-12	A536
Solids Handling Size	65 2.6	mm Inch	Pump Casing (Volute)	SG IRON	400/12	1831	65-45-12	A536
Maximum Head	140 459	m Ft	Front Wear Plate	Stainless	316/H6B	2074	CF8M	A351
Maximum Capacity	188 2,978	L/sec USPM	Impeller	Stainless	316/H6B	2074	CF8M	A351
Engine Adaptor	SAE	#1	Rear Wear Plate	Stainless	316/H6B	2074	CF8M	A351
Shaft Diameter	75 3	mm Inch	Rear Adaptor Plate	SG IRON	400/12	1831	65-45-12	A536
Fuel Rate @ BEP 1,800rpm Duty	30.88 8.16	L/hr USGAL/hr	Pump Shaft	Stainless	431	2837	431	A276-98b
			Bearing Bracket	SG IRON	400/12	1831	65-45-12	A536
			Bearing Covers	SG IRON	400/12	1831	65-45-12	A536
			Mechanical Seal	Multi spring double cartridge c/w pumping ring connected to external reservoir				