

# ALLIGHTSYKES

## SYKES HH130i

Technical Pack

Rev1 Dec2017



LIGHT

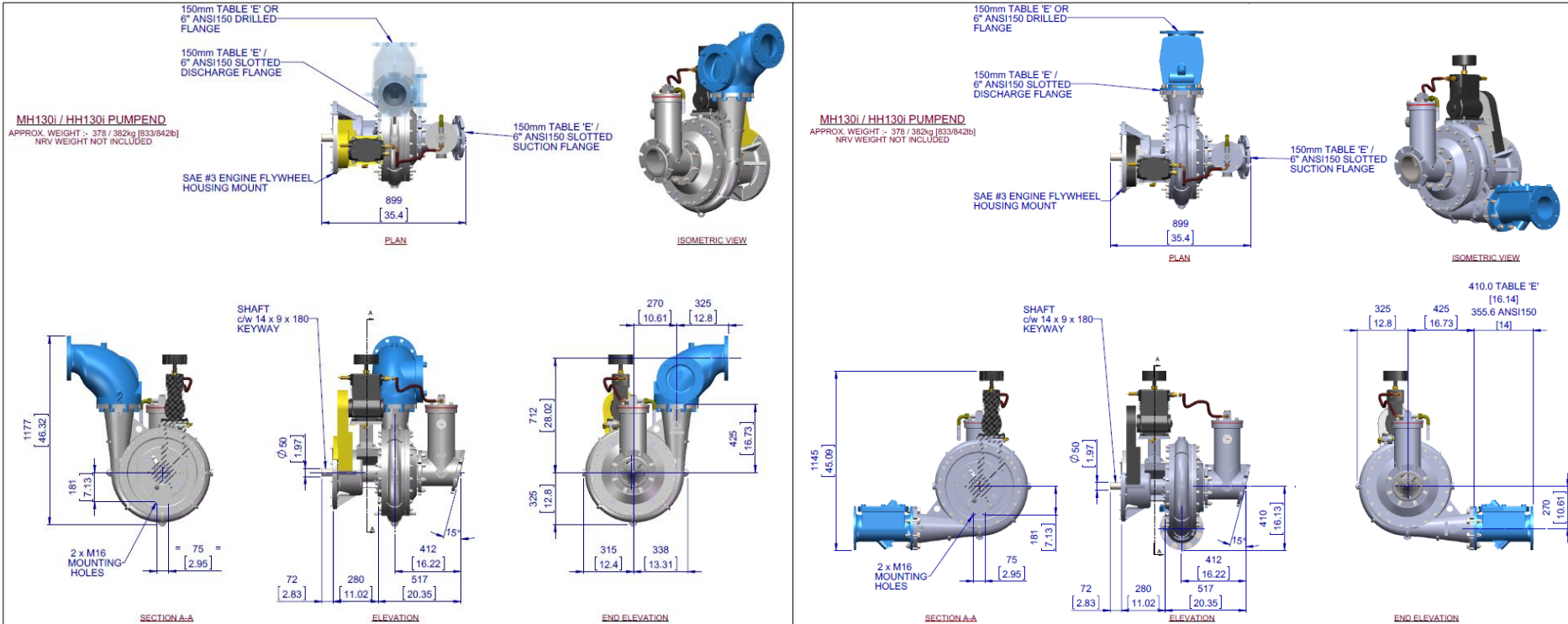


WATER



POWER

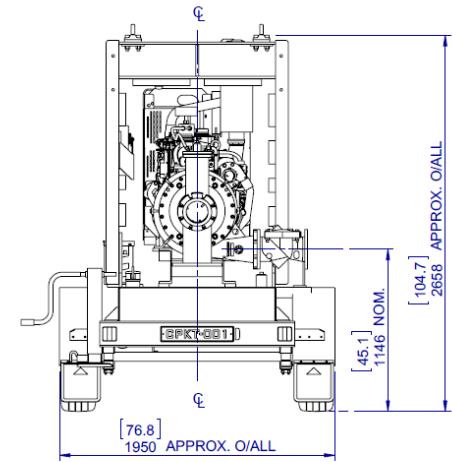
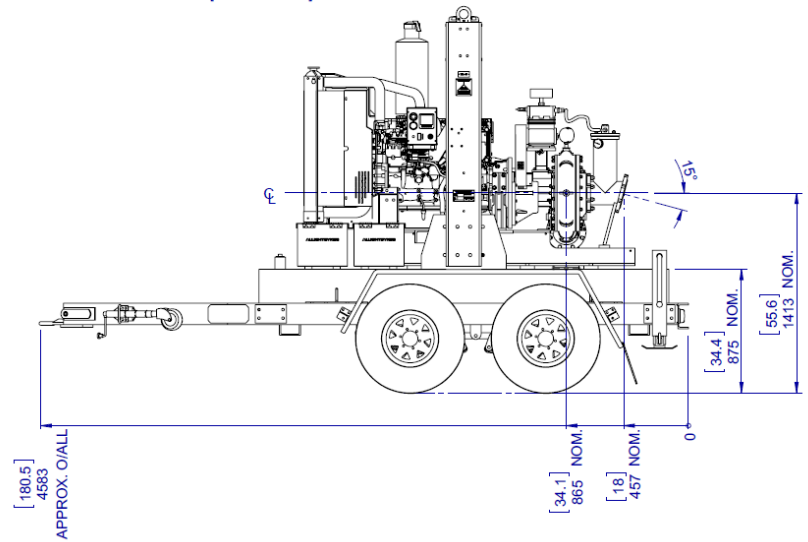
## SYKES HH130i - Pumpend



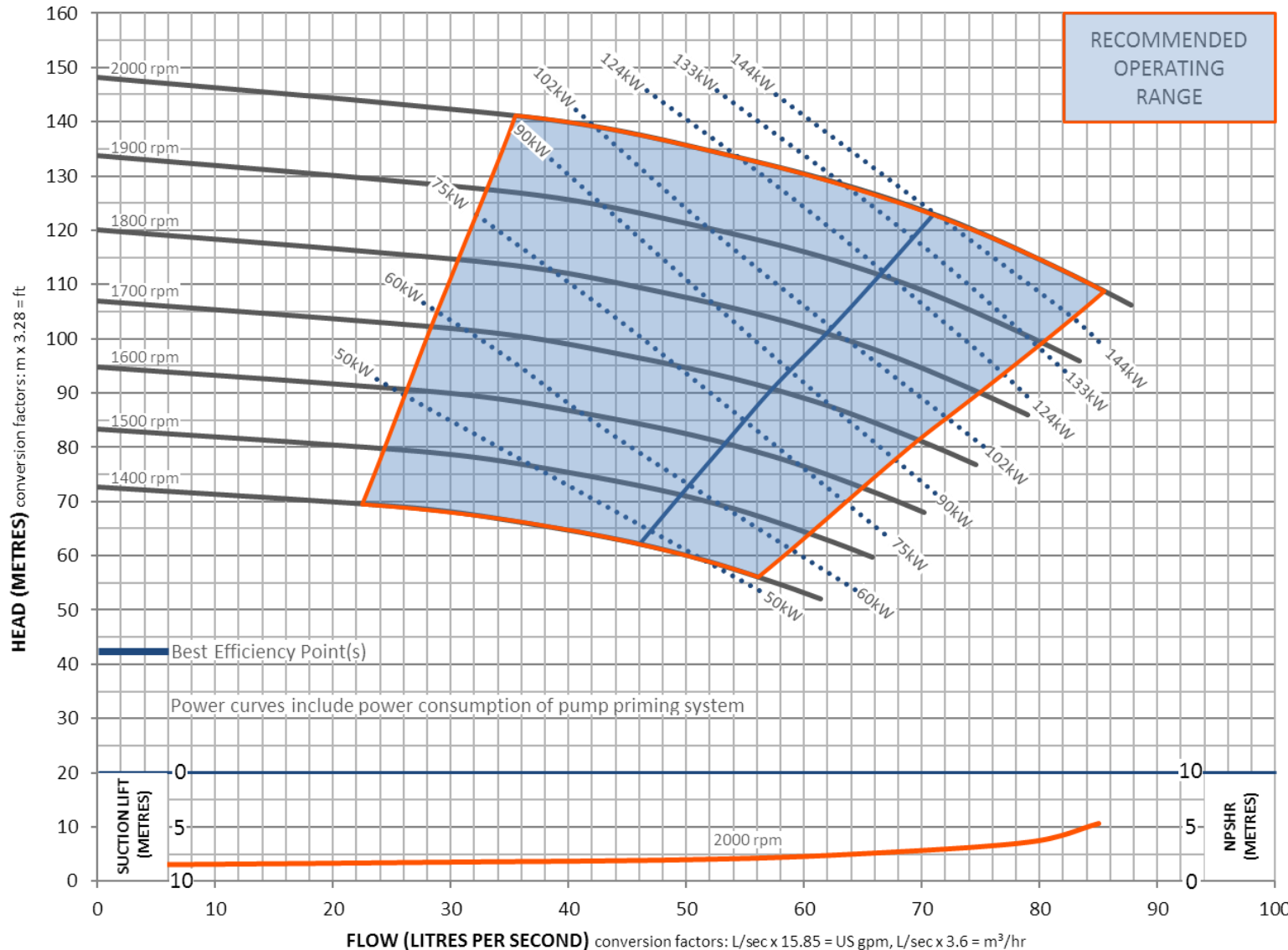
## SYKES HH130i - Pumpset



DRY WEIGHT: 3250KG [7165lb]  
 FUEL CAPACITY: 900L [237 US Gallon]



## HH130i Performance Curve



WATER

PUMPEND:

HH130i

IMPELLER DIA:

465mm

SOLID HANDLING SIZE:

30mm

SUCTION SIZE:

150mm

DISCHARGE SIZE:

150mm

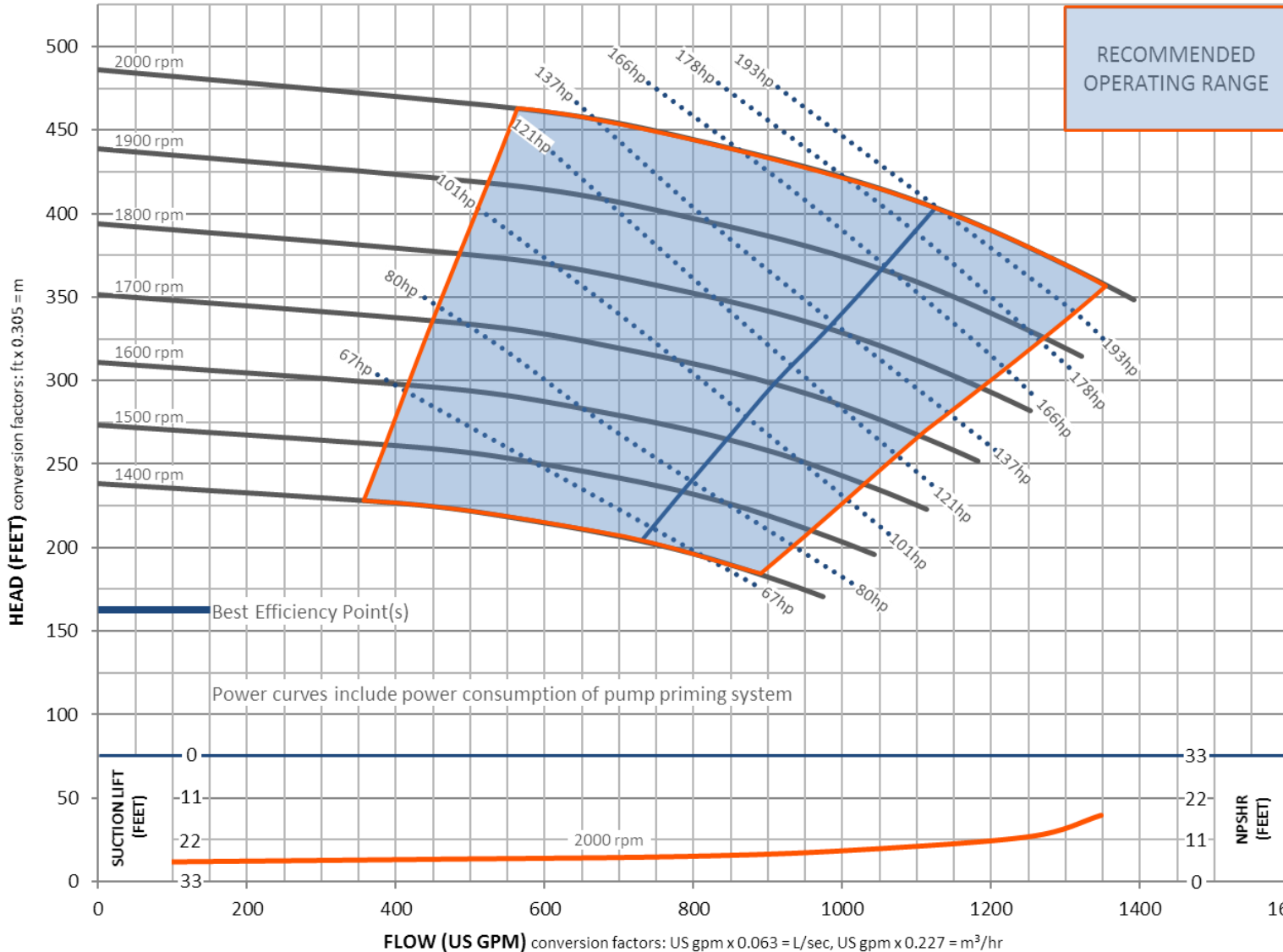
Revision: 5 30-04-14

**SYKES**

<sup>1</sup>Performance to AS2417/ISO9906 Grade 2 for clear, cold (15°C) water at sea level. Other liquids may require performance adjustments.

<sup>2</sup>Performance curves do not include discharge check or non return valve losses.

## HH130i Performance Curve



RECOMMENDED  
OPERATING RANGE



WATER

PUMPEND:

HH130

IMPELLER DIA:

18.31"

SOLID HANDLING SIZE:

1.18"

SUCTION SIZE:

6"

DISCHARGE SIZE:

6"

Revision: 5 30-04-14

**SYKES**

<sup>1</sup>Performance to AS2417/ISO9906 Grade 2 for clear, cold (15°C) water at sea level. Other liquids may require performance adjustments.

<sup>2</sup>Performance 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	150 6	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	30 1.2	mm Inch	Pump Casing (Volute)	SG IRON	400/12	1831	65-45-12	A536
Maximum Head	149 489	m Ft	Front Wear Plate	Stainless	316/H6B	2074	CF8M	A351
Maximum Capacity	88 1,394	L/sec USPM	Impeller	Stainless	316/H6B	2074	CF8M	A351
Engine Adaptor	SAE	#3	Rear Wear Plate	Stainless	316/H6B	2074	CF8M	A351
Shaft Diameter	50 1.97	mm Inch	Rear Adaptor Plate	SG IRON	400/12	1831	65-45-12	A536
Fuel Rate @ BEP 1,800rpm Duty	25.94 6.85	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 balanced mechanical seal assembly with silicon carbide /silicon carbide mechanical seal faces, in self contained oil reservoir				