



# XH100

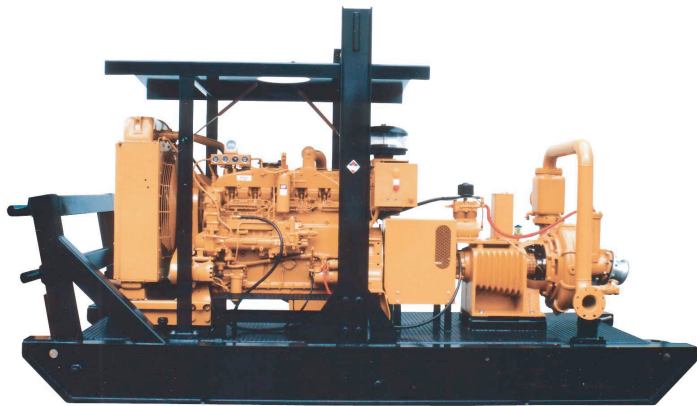
## Technical Data

### Materials of Construction

Pump Casing:	S.G. IRON 400/12
Suction Cover:	S.G. IRON 400/12
Air Separation Tank:	S.G. IRON 400/12
Bearing Bracket:	S.G. IRON 400/12
Pump Shaft:	431 Stainless Steel
Impeller:	316 Stainless Steel
Wearplates:	316 Stainless Steel
Mechanical Seal:	Silicon Carbide cartridge seal c/w pumping ring and Glycol Quench
N.R.V.(Ball Type):	S.G. IRON 400/12

### Design Details

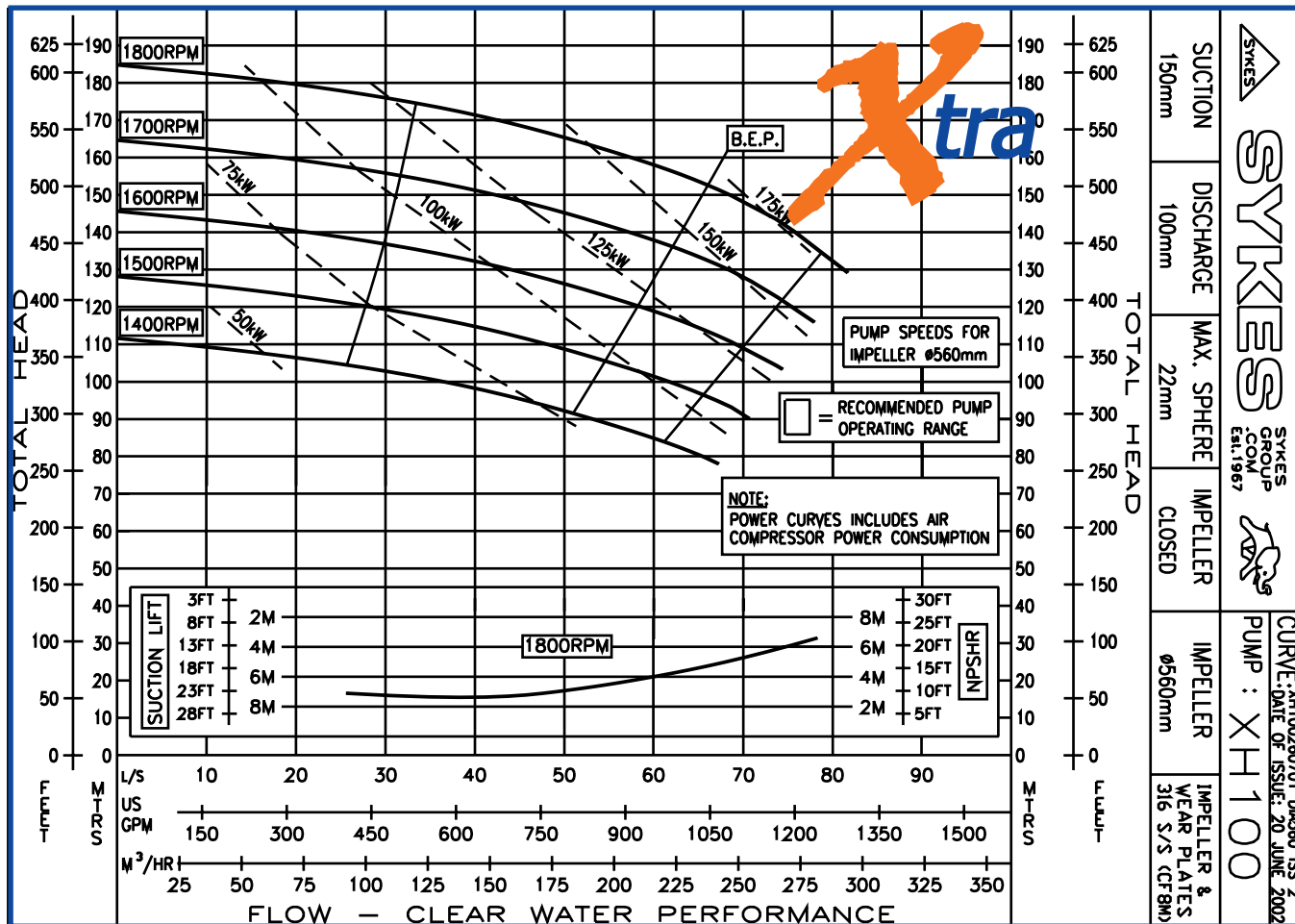
Pump Description	Single Stage, volute type, 5 vane closed impeller, centrifugal pump	
Suction Flange:	150 mm	
Delivery Flange:	100 mm	
Nominal Casing Thickness:	25 mm	
Solids Handling Size:	22 mm	
Operating Speed:	MIN: 1400rpm	MAX: 1800rpm
Maximum Head:	185 m	
Maximum Capacity:	82 L/sec	



Fuel Consumption: 18.7 L/hr @ BEP 1400rpm WMR  
 Fuel Capacity: 1640 litres, 24hrs @ 1800rpm

### Pumpset Dimensions

Width: 1820 mm      Height: 2700 mm  
 Length: 4750 mm      Dry Weight: 5560 kg



SYKES GROUP .COM Est.1967

CURVE: XH100/260701 D/AS60 ISS 2  
 DATE OF ISSUE: 20 JUNE 2002

PUMP : XH100

150mm	100mm	22mm	Ø560mm
SUCTION	DISCHARGE	MAX. SPHERE	IMPELLER
		CLOSED	IMPELLER & WEAR PLATES
			316 S/S (CF8M)