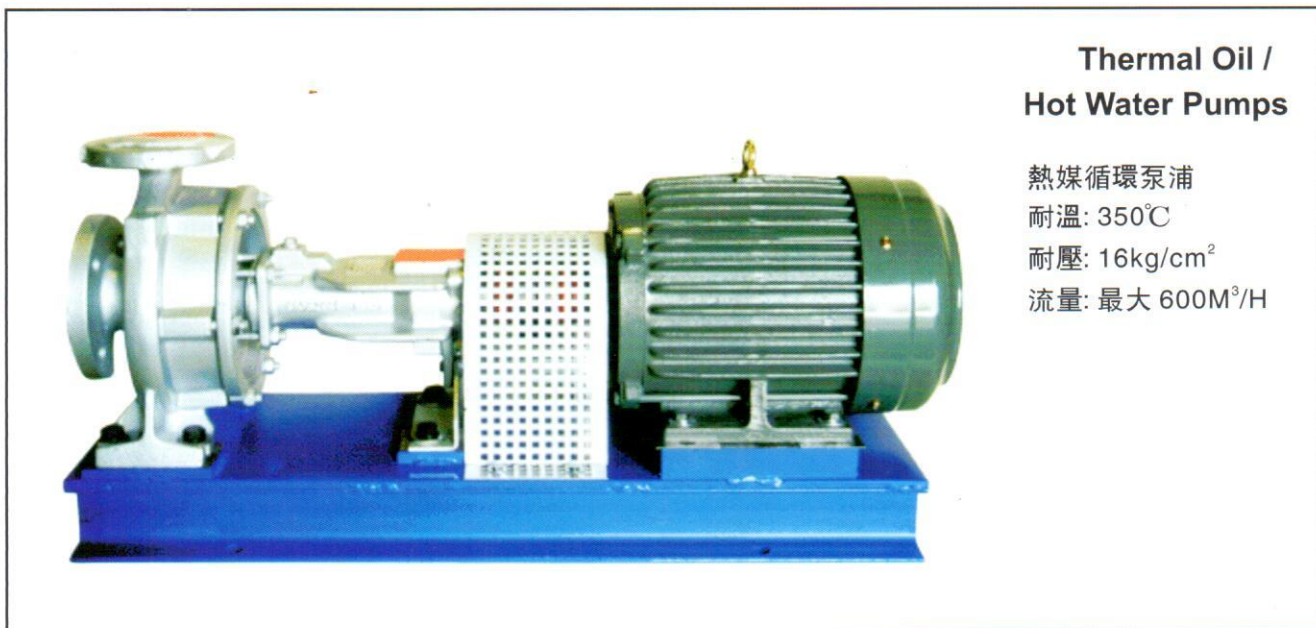




Thermal Oil / Hot Water Pumps

熱媒循環泵浦

耐溫: 350°C

耐壓: 16kg/cm²

流量: 最大 600M³/H

應用領域

Etanorm SYA pumps are used in heat transfer systems (DIN 4754) or in hot water circulation systems.

操作數據

	Thermal oil	Hot water
Q	up to 660 m ³ /h, 183 l/s	
H	up to 102 m	
t	- 30°C up to + 350°C	up to + 180°C
p ₂ ¹⁾	up to 16 bar	

1) The sum of inlet pressure and head at zero flow point must not exceed the value indicated.

設計

Horizontal volute casing pump, single - stage, with ratings and main dimensions to EN 733, with bearing bracket, in back pull - out design.

Volute casing and impeller with replaceable wear rings.

Volute casing with integrally cast pump feet.

軸承

Coupling side: grease - lubricated deep - groove ball bearing

Impeller side: product - lubricated carbon bearing

軸封

Mechanical seal to DIN 24960

材料

Volute casing	Nodular cast iron EN-GJS-400-18-LT ²⁾
Discharge cover	Nodular cast iron EN-GJS-400-18-LT ²⁾
Shaft	Chrome steel 1.4021.05 HRC 55
Impeller	Grey cast iron EN-GJL-250 ³⁾
Casing wear rings	Grey cast iron GG
Bearing bracket	Grey cast iron EN-GJL-250 ³⁾
2) to EN 1563 (previously: GGG-40.3)	
3) to EN 1561 (previously: GG-25)	

參數說明

Type series Etanorm	EN 80 - 160 66(6239) S Y A
Pump size, e. g.	
Actual impeller diameter - 100 mm,	
e. g. 166mm=	
(impellers with inclined cut back vane tips, e. g.)	
Etanorm 80 - 160 actual diameter 162 / 139 mm)=	
Casing material nodular cast iron	
EN-GJS-400-18-LT ²⁾	
Thermal oil/Hot water variant	

附件

Drive⁴⁾

Surface - cooled KSB - IEC three - phase squirrel cage motor

Winding: up to 2.2 kW 220 - 240V/, 380 - 420 V
for 3 kW and above 380 - 420 V/660 - 725 V

Design: IM B3

Enclosure: IP 55

Thermal class: F with temperature sensors : 3PTC
thermistors

Operation mode: continuous operation S1

or

surface - cooled three - phase. squirrel cage motor as described
above, but West European brand to KSB's choice.

Coupling

Flexible coupling with/without spacer sleeve

Contact guard

Coupling guard as per EN 294

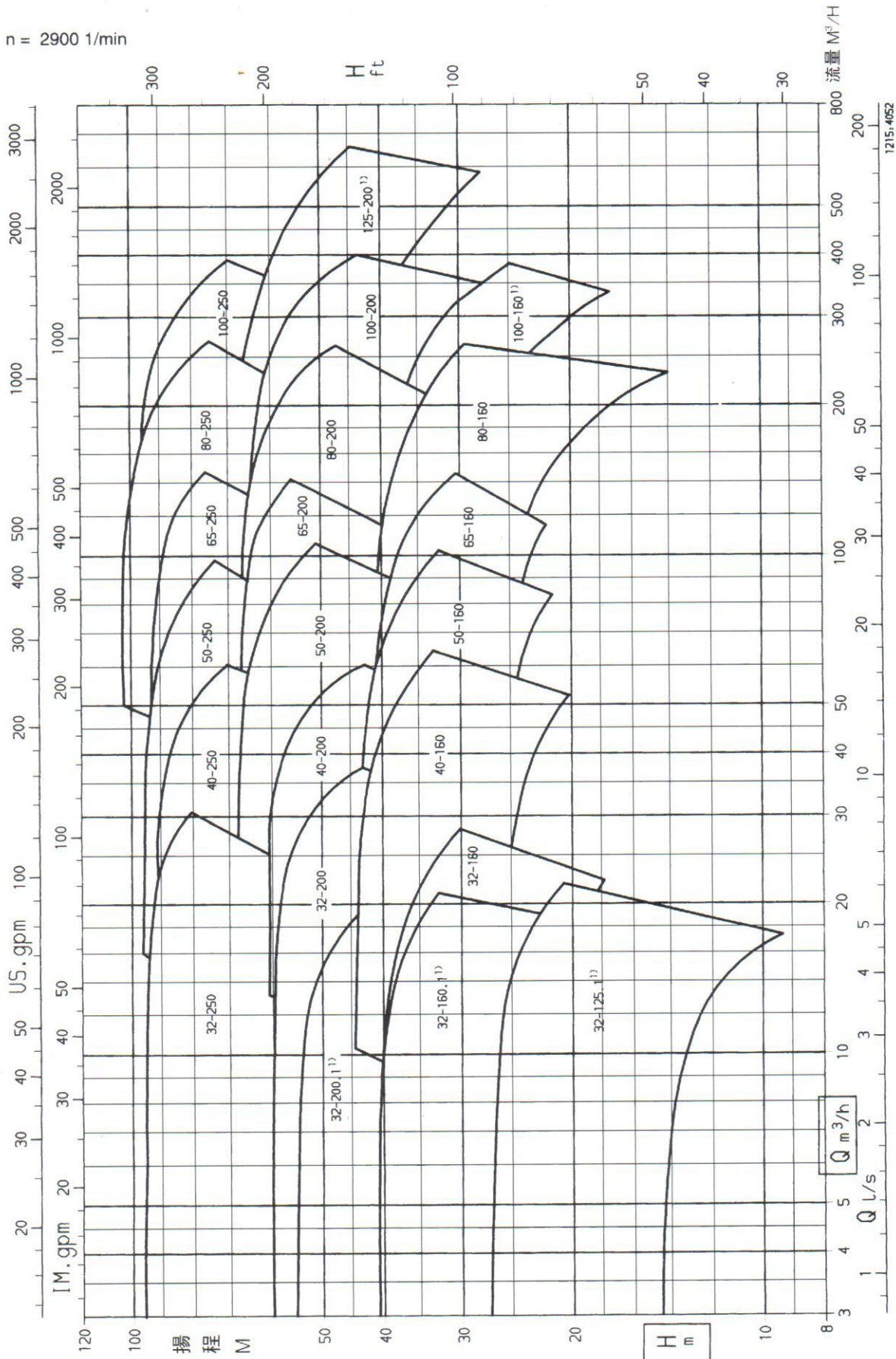
Baseplate

Sectional steel/folded steel plate for the complete unit (pump and motor) in torsion - resistant design

4) ⚠ If the electric motor is supplied by the customer, the cooling air must flow in axial direction towards the pump side!

Air velocity ≥ 3 m/s, measured at the drive - end bearing end plate

$n = 2900 \text{ 1/min}$

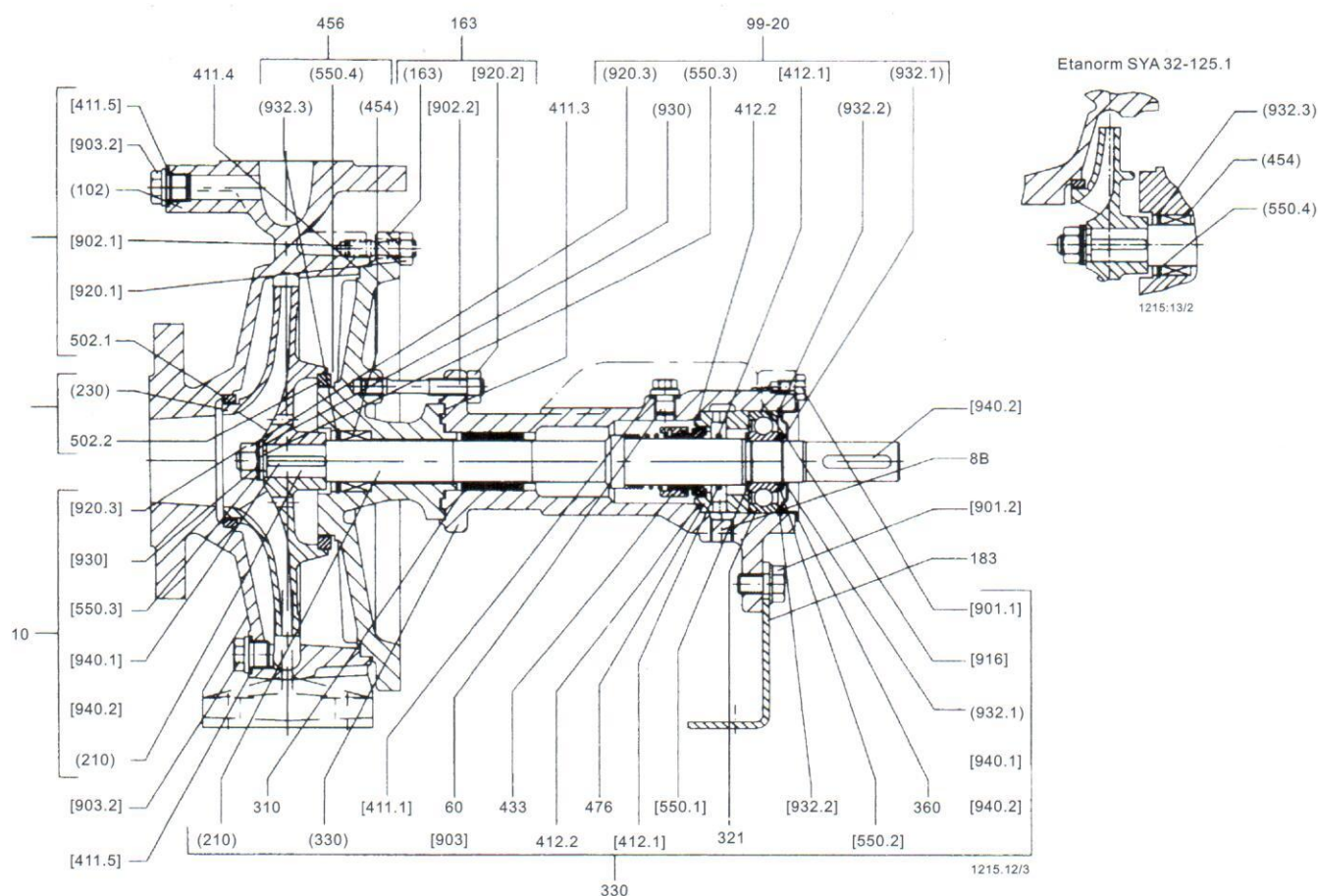


性能曲綫表

- 1) Ergänzungsgrößen in EN 733 nicht enthalten
- 1) Supplementary sizes not included in EN 733
- 1) Les tailles complémentaires ne sont pas couvertes par EN 733
- 1) Tamanos suplementarios no incluidos en EN 733
- 1) Grandezze supplementari non incluse in EN 733
- 1) Aanvullende grootten niet in EN 733 inbeerepen

Related Documents 剖面圖 軸心 25mm

General Drawing and List of Components of Etanorm SYA, SU 25



1) For shaft unit/pump size combinations refer to section 7.6.1

() Not available as separate spare part

[] Only available in packing lots

零件表:P/N

102	泵浦機殼	411.1/.3/.4/.5	石墨墊片	903.1/.2	排氣孔螺栓
163	機殼后蓋	412.1/.2	O型油環	916	注油孔螺栓
183	泵浦支撐架	433	機械軸封	920.1-/.3	葉片螺帽
210	泵浦軸心	454	軸心鋼襯	930	彈簧墊片
230	泵浦葉片	476	固定鋼環	932.1-/.3	C型扣環
310	石墨軸套	502.1/.2	葉片前后鋼套	940.1/.2	軸心銷
321	泵浦軸承	550.1-/.4	平墊圈		
330	軸心組合外殼	901.1/.2	固定螺絲		
360	軸承護蓋	902.1/.2	固定螺絲		

9.2 Exploded View and List of Components of Etanorm SYS,SU 25

零件分解圖 軸心 25mm



9.2 Exploded View and List of Components of Etanorm SYS, SU 35

零件分解圖 軸心 35mm

