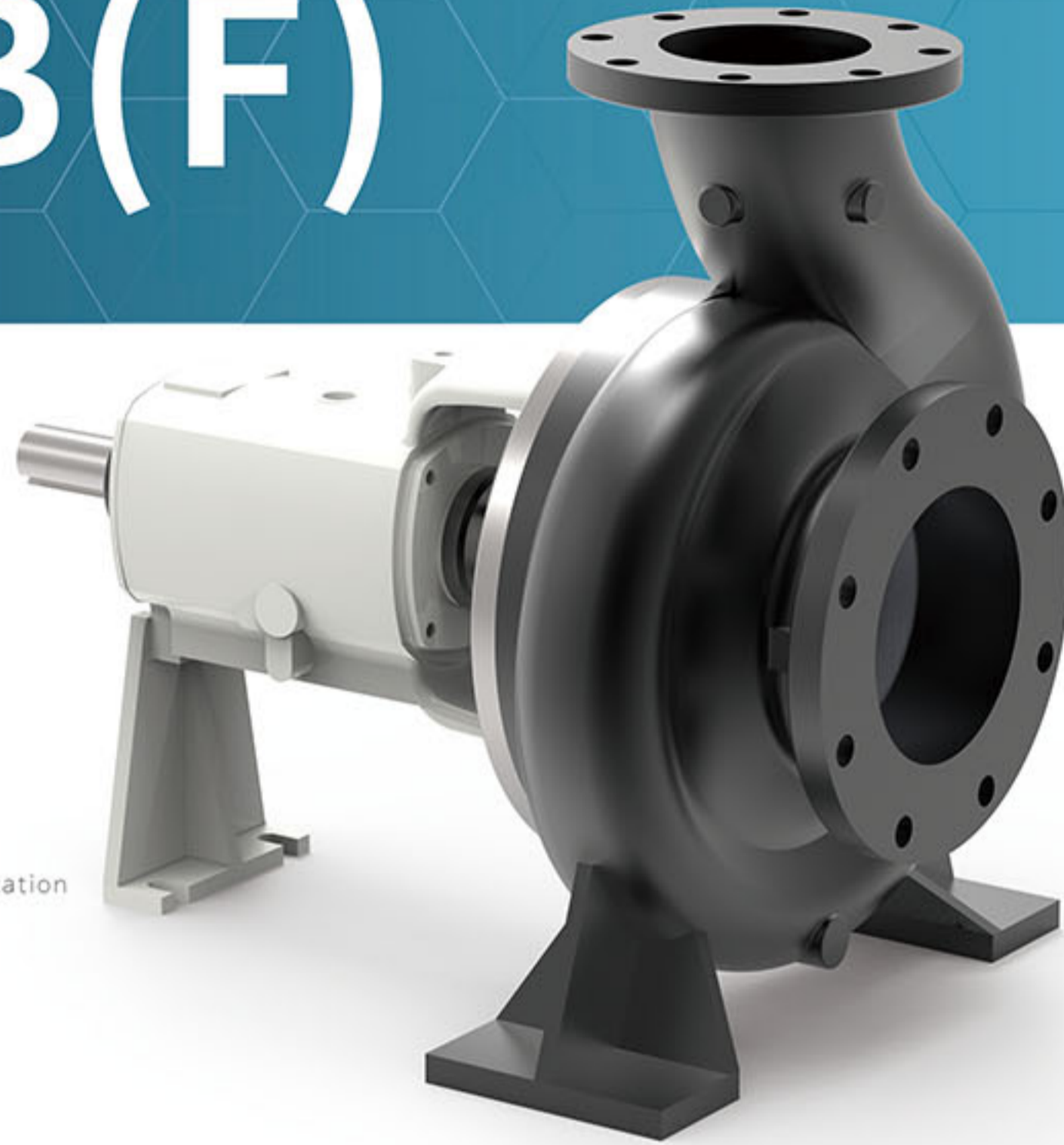


ISO Standard Process Pumps

IS/ISB(F)



● Applications

- 화학공업 Chemical industry
- 석유정제 Petroleum refinery
- 석유화학공업용 Petrochemical industry
- 기타공업 Other various industries

● Feature

- ☑ 넓은 범위의 완전 표준화
Completely standardization for wide application
- ☑ Back Pull-Out 디자인으로 설계
Foot support and back pull-out design
- ☑ 신뢰성 높은 견고한 구조
Heavy and sturdy construction
- ☑ ISO 2858 Standard 규격 준수
Compliance with ISO 2858
- ☑ 최대의 호환성
High interchangeability
- ☑ 낮은 흡입양정
Low 'NPSHr'
- ☑ 최대의 효율
Good efficiency

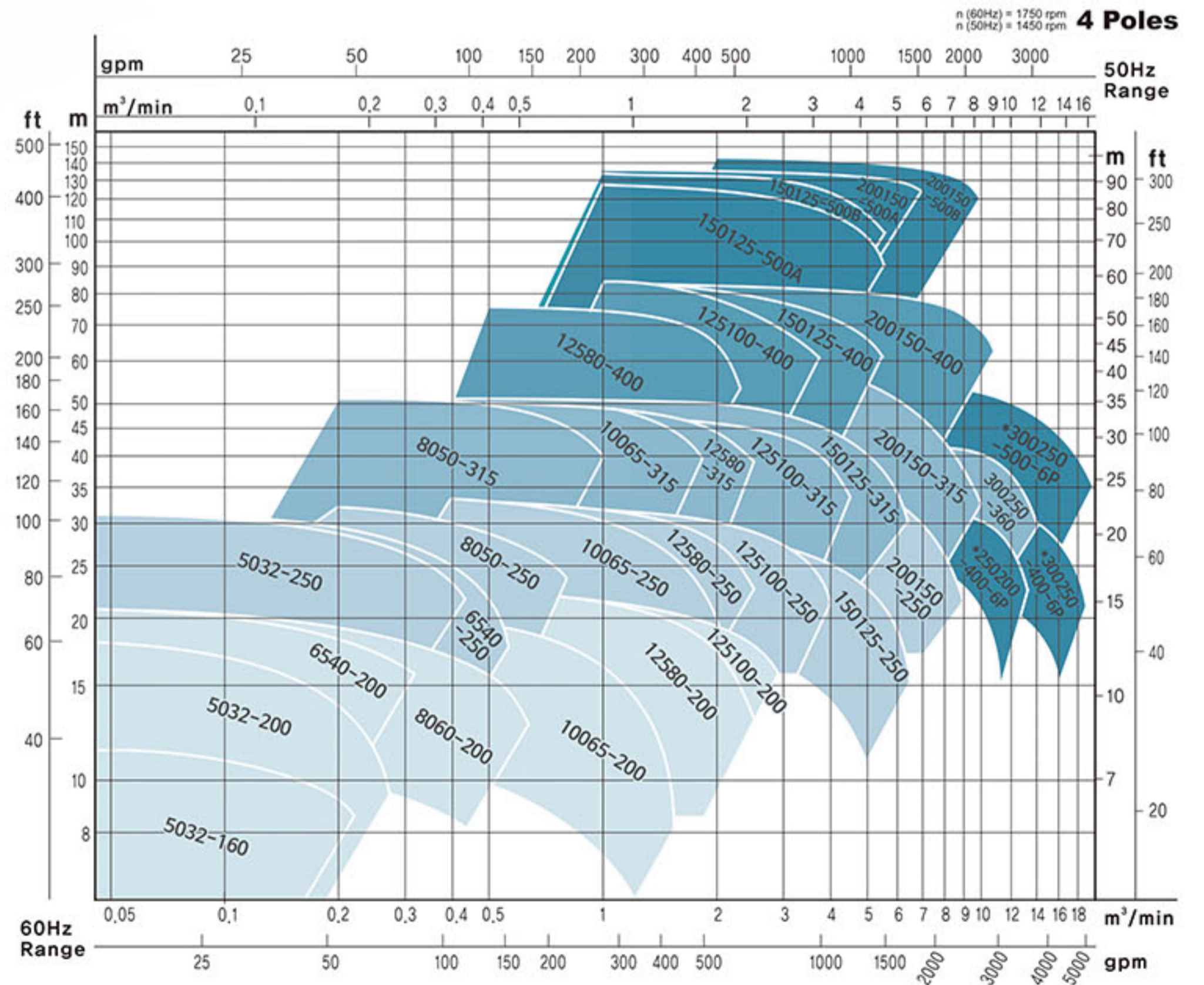
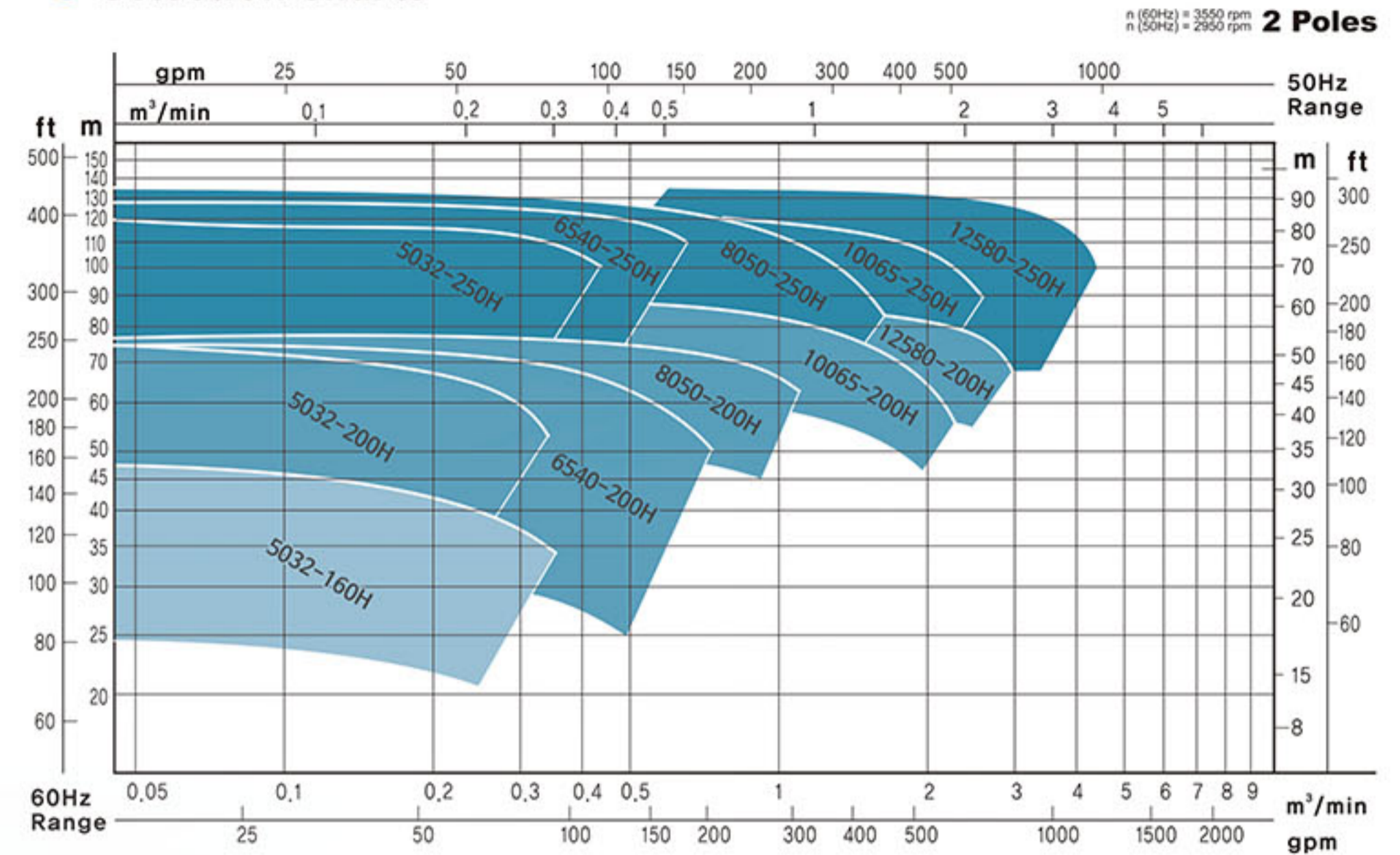
● Ratings

Capacity	Up to 50 m ³ /min (13,209 US GPM)
Head	Up to 140 m (460 ft)
Discharge Pressure	Up to 16 kgf/cm ² (227 PSIG)
Allowable Suction Pressure	Up to 9 kgf/cm ² (128 PSIG)
Revolution 60Hz (50Hz)	1750 OR 3550 min ⁻¹ (1450 or 2950 min ⁻¹)
Rotation	Clockwise viewed from coupling end
Stainless Steel Temp.	-50°C ~ 177°C (-58°F ~ 350°F)
Cast Iron Temp.	-20°C ~ 150°C (-4°F ~ 302°F)
Nozzle-Raing	Steel : ANSI CLASS150, Iron : ANSI CLASS150
Nozzle-Facing	Steel : RF Iron : FF
Nozzle-Location	End Suction : Top Discharge
Seals	Conventional Packing or Mechanical Seal

● IS Type Model.



● Selection Charts



참고: * 이 차트에 표시된 성능 범위는 실제 성능과 차이날 수 있습니다.

● 6 Poles Models

Installation Dimension

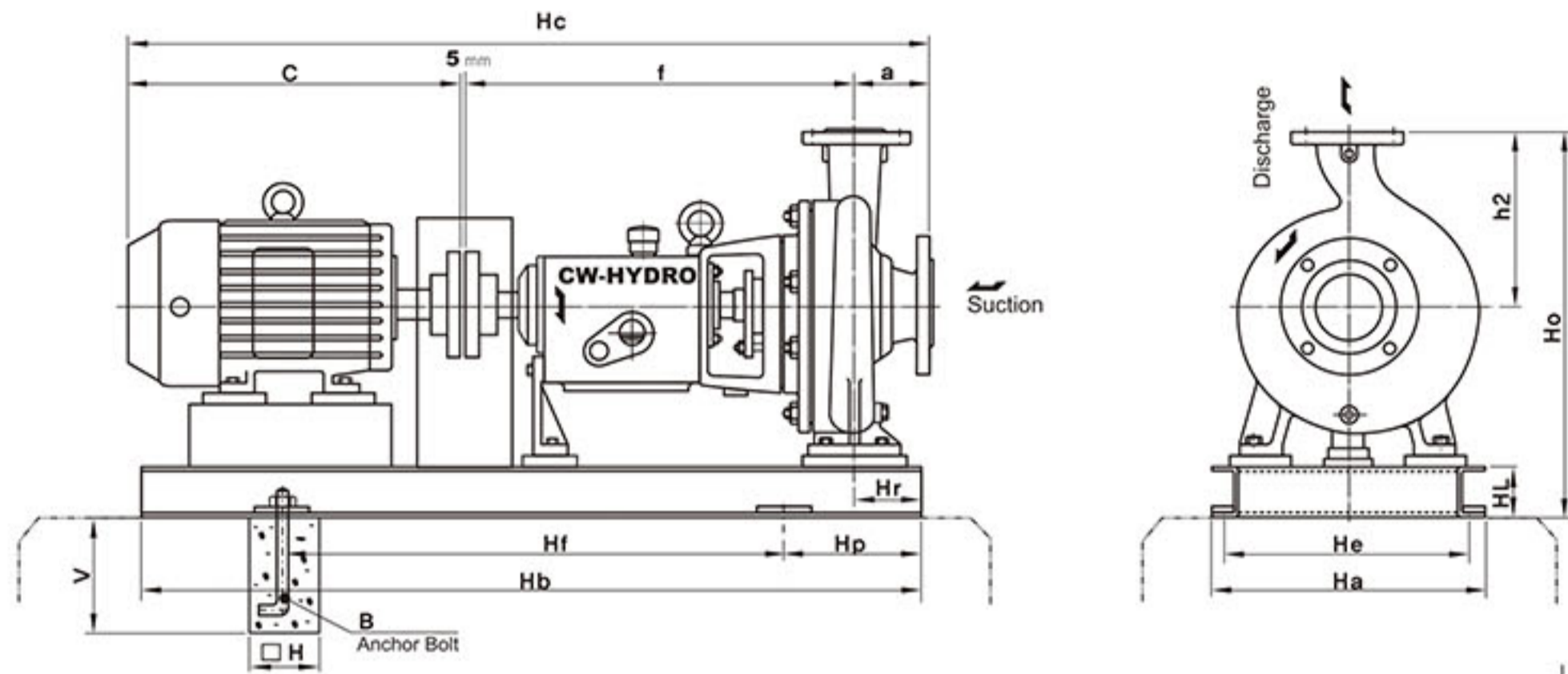
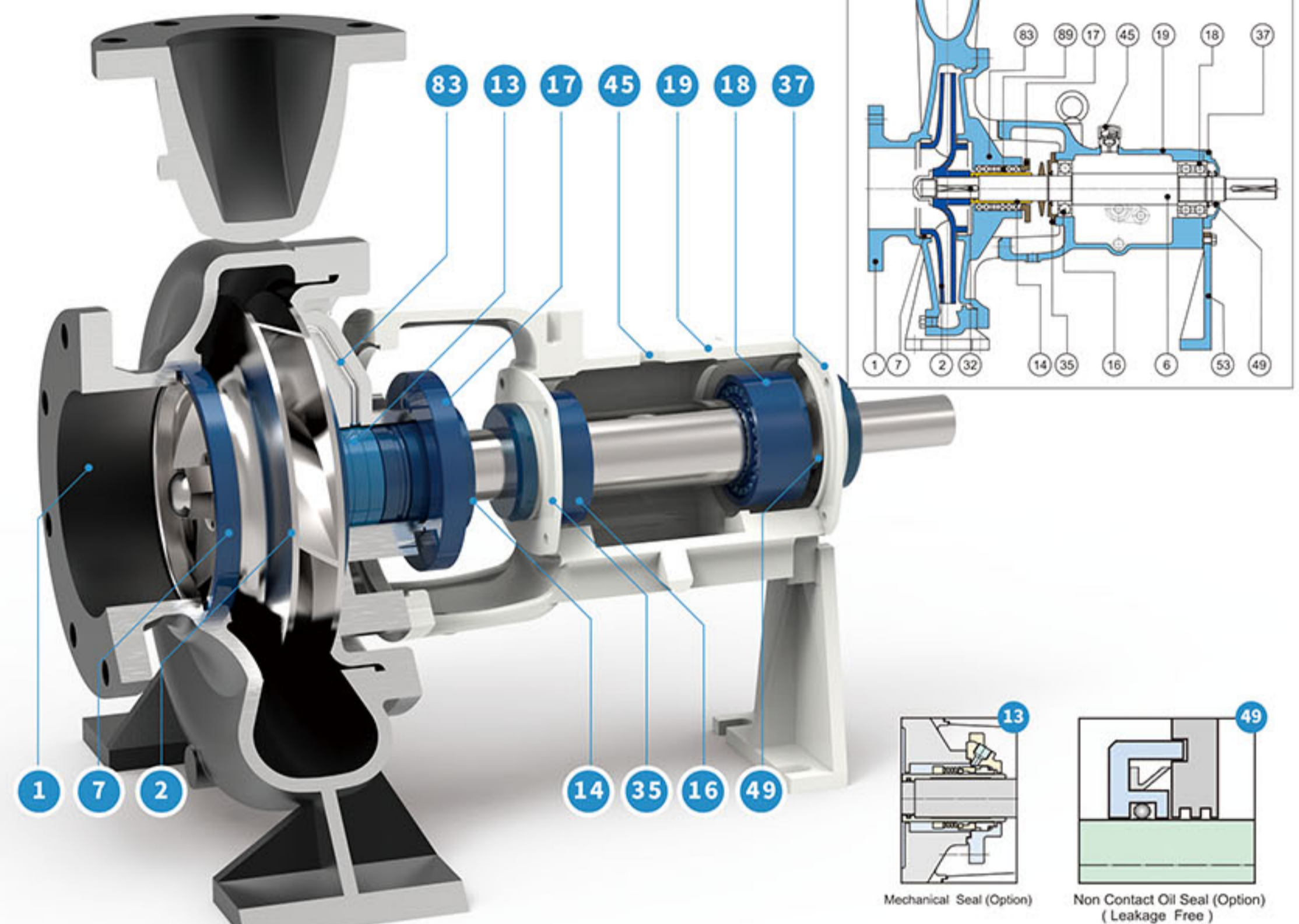


Table with columns for Model Size, Power (Frame, Kw, HP), Baseplate Size (a, f, h2, Hc, C, Hp, Hf, Hb, Hr, He, Ha, HL, Ho), Anchor Bolts (B, H, V), and weight (Kg, Lbs). The table lists various pump models and their specifications in both metric and imperial units.

* ISF / ISBF Models : Above 400 mm(15.75 in) of Impeller Diameter.
* Dimension and frame for motors differ from motor manufacturers in some cases.

Parts List and Materials



- 1 Casing
- 2 Impeller
- 6 Shaft
- 7 Casing Ring
- 13 Packing
- 14 Sleeve
- 16 Inboard Bearing
- 17 Packing Grand
- 18 Outboard Bearing
- 19 Frame
- 35 Inboard Bearing Cover
- 37 Outboard Bearing Cover
- 45 Oil Cap (Leakage free air vent)
- 49 Oil Seal
- 83 Stuffing Box

Material Code : Standard

Table titled 'MATERIALS' showing Name of Parts, IS(F) materials (KS, JIS, ASTM), and ISB(F) materials (KS, JIS, ASTM).

Optional Material Code

- API Material class code.
- Other materials are available on request. (DCI, SC, 12Cr., SS316L, SCM, A20, Hcr, CD4MCU, etc.)