

ISO Standard Paper Stock Process Pumps



NP

Applications

- Chemical industry
- Food industry
- Paper industry
- Industries waste water

Feature

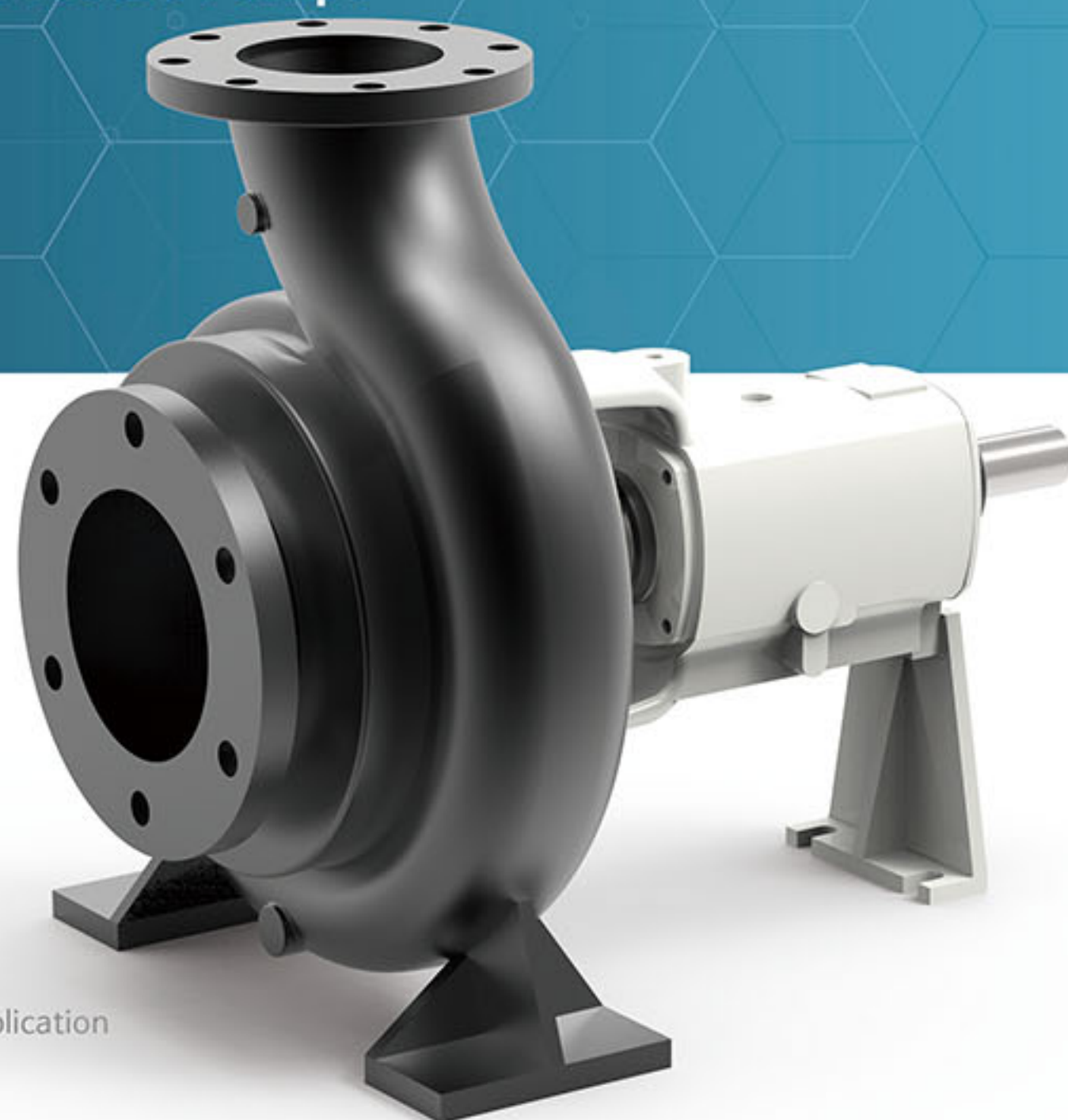
- ✓ Non-clog
- ✓ Completely standardization for wide application
- ✓ Foot support and back pull-out design
- ✓ Heavy and sturdy construction
- ✓ Compliance with ISO 2858.
- ✓ High Interchangeability
- ✓ Good efficiency
- ✓ Low NPSHr.

Ratings

Capacity	Up to 12m ³ /min (3,170 US GPM)
Head	Up to 40m (131ft)
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
Temperature Stainless Steel	-50°C ~ 177°C (-58°F ~ 350°F)
Temperature Cast Iron	-20°C ~ 150°C (-4°F ~ 302°F)
Nozzle Rating	KS 10 kgf/cm ²
Nozzle Facing	Steel : RF, Iron : FF
Nozzle Location	End Suction : Top Discharge
Seals	Conventional Packing or Mechanical Seal

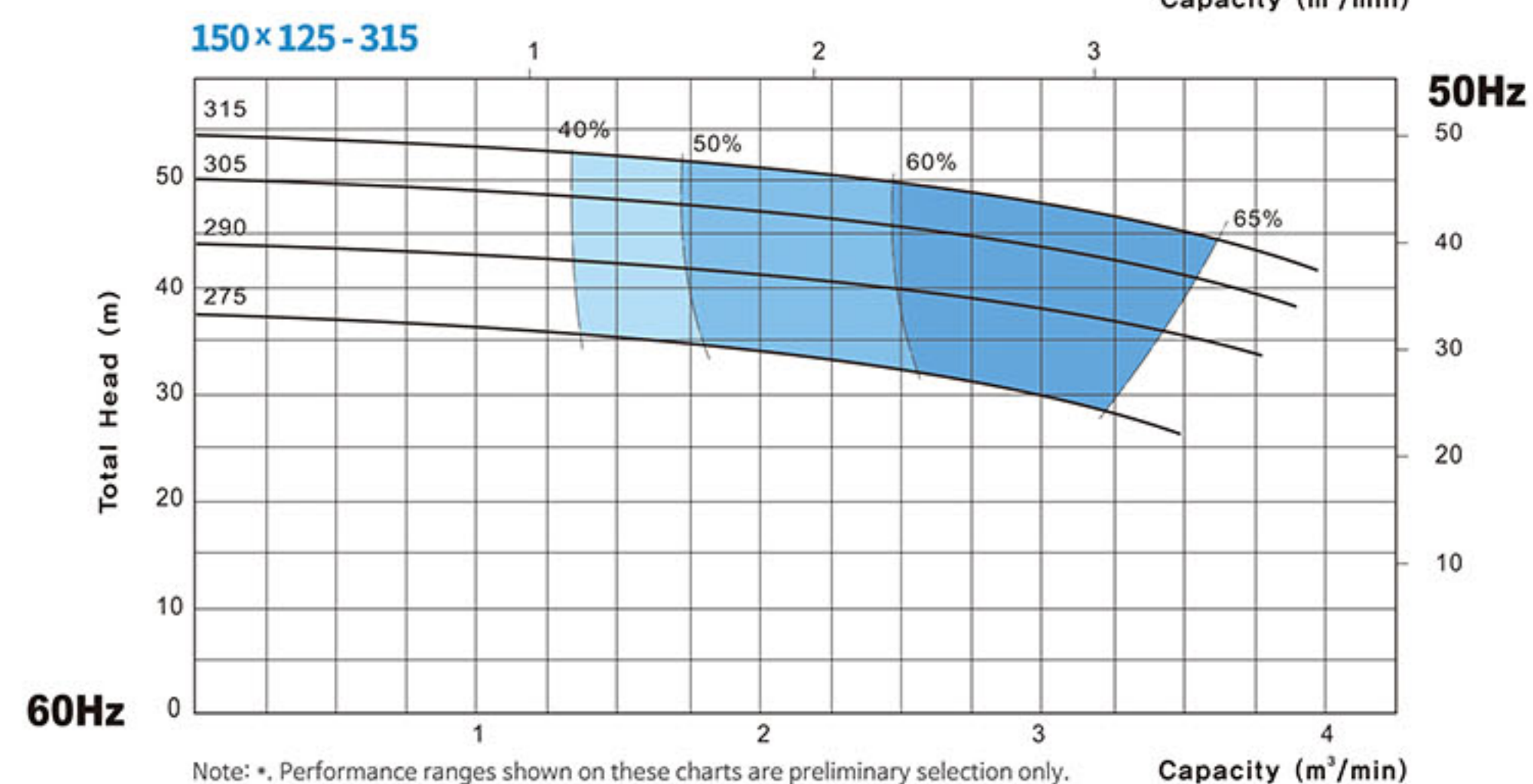
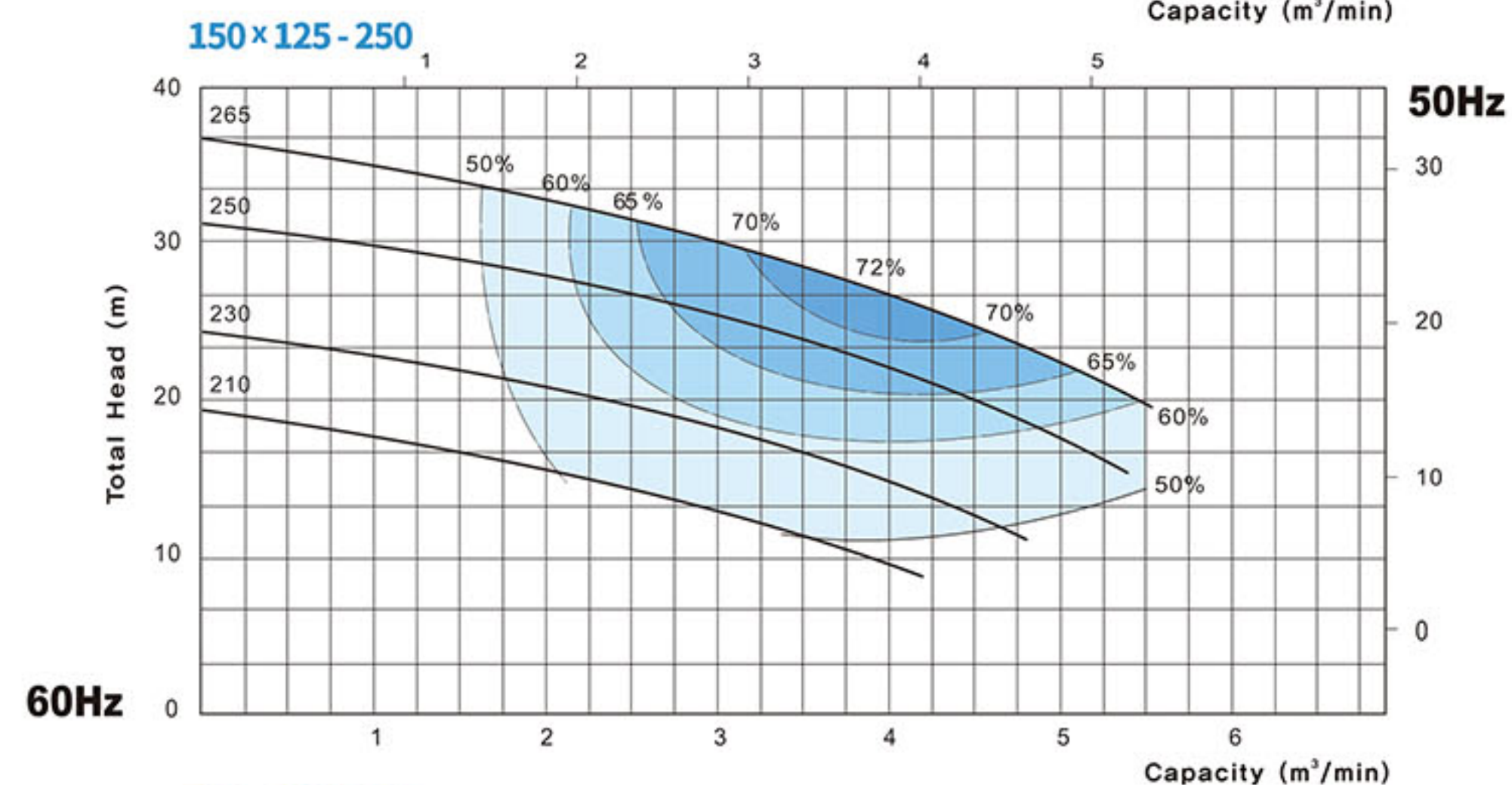
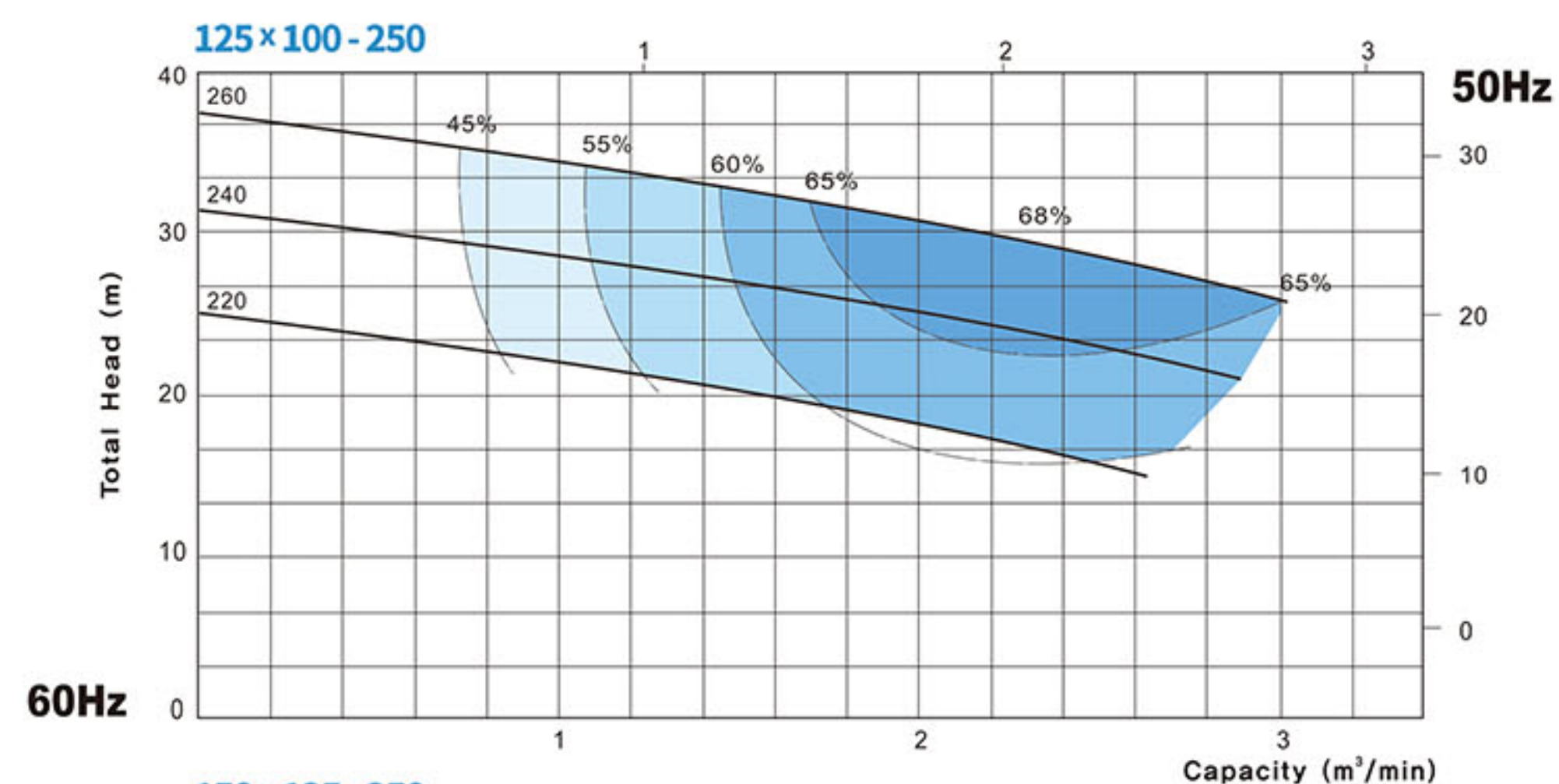
Pulp & Paper

- ✓ Paper stock thru 6% consistency
- ✓ Black liquor to 68% solids
- ✓ Hydropulper and broke service
- ✓ Low NPSH digester circulation
- ✓ Blow tank to screens
- ✓ Primary screens rejects
- ✓ High-density chlorine tower to washer



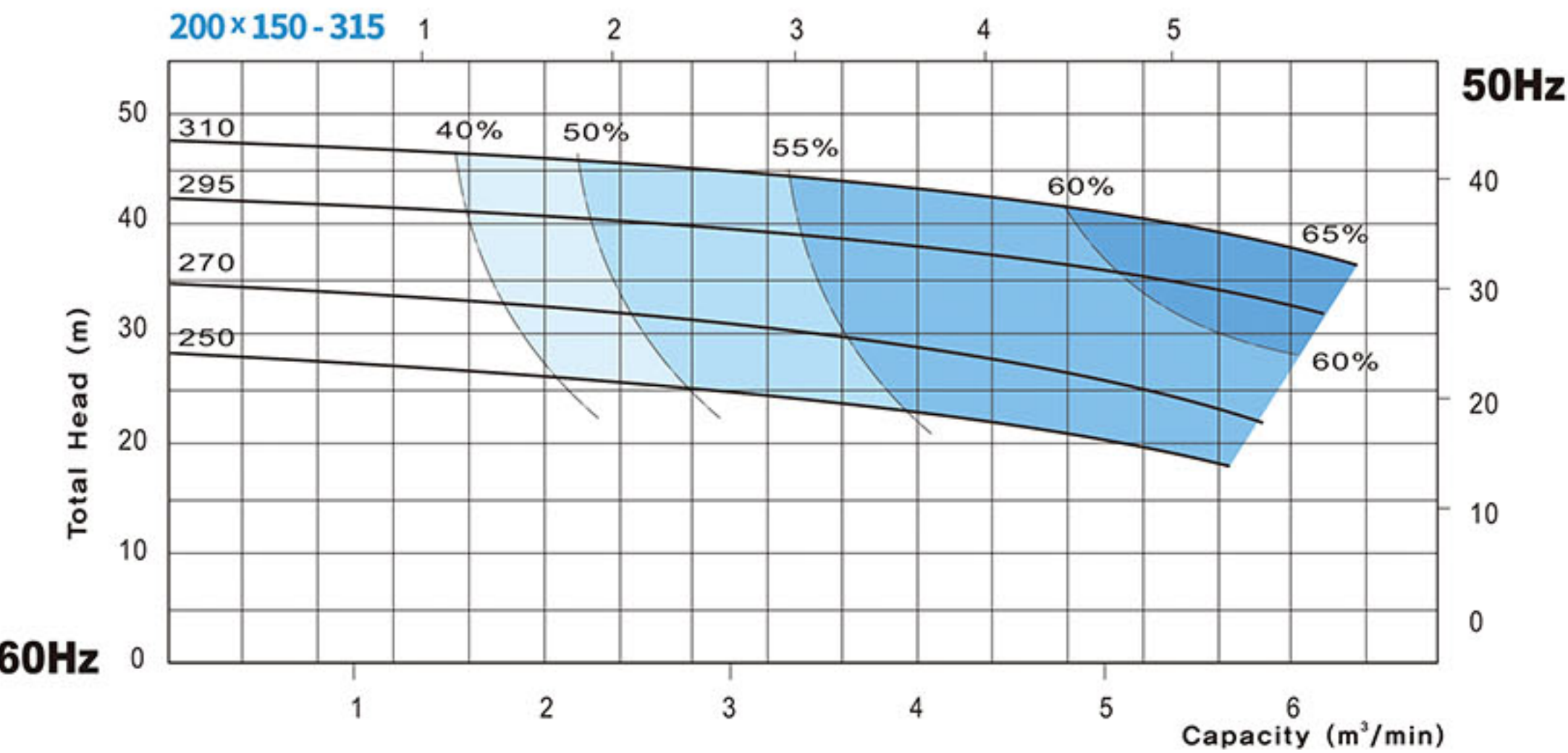
Performance Curve

n (60Hz) = 1750 rpm **4 Poles**

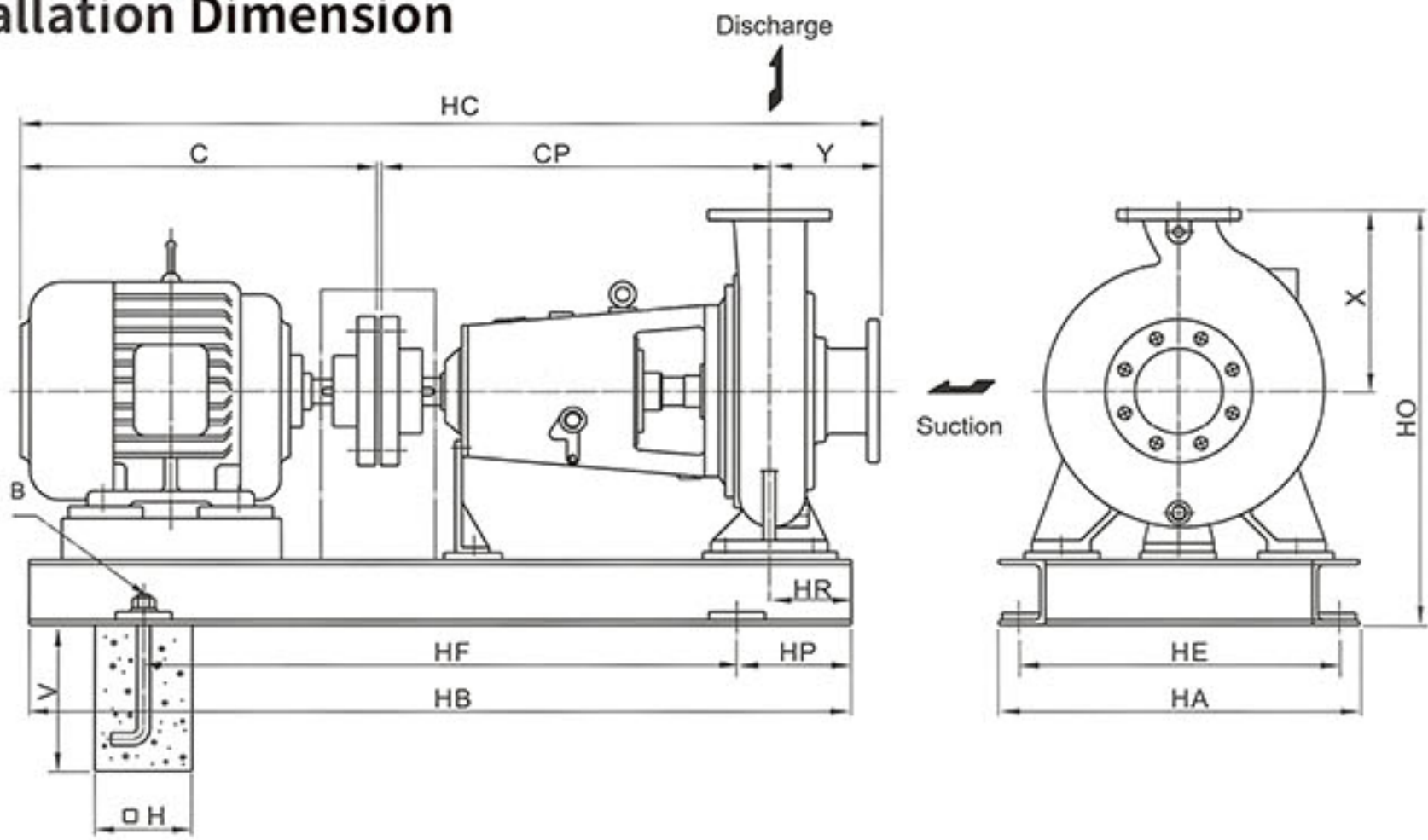


Model. NP

● Performance Curve



● Installation Dimension

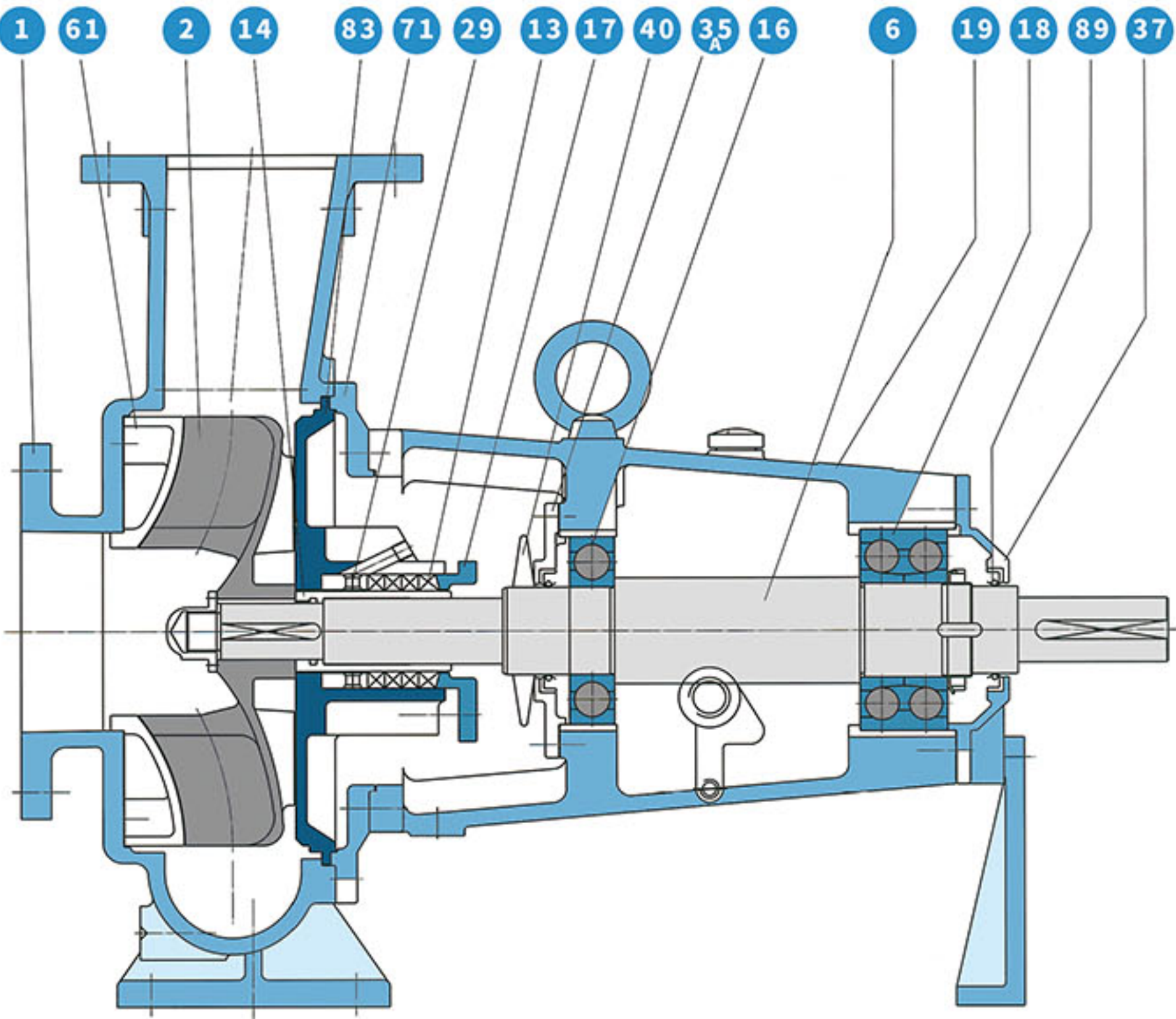


Spec	Pump and Motor									Baseplate							Anchor Bolt		
	Suc	Dis	Frame	kW	HC	C	CP	Y	X	HP	HR	HB	HF	HO	HE	HA	B	H	V
1210-250	125	100	160L	15	1401	637	600	160	280	205	100	1250	840	625	440	480	4-M20×315L	180	315
1512-250	150	125	200M	30	1492	708	630	180	315	230	100	1400	940	710	440	480	4-M20×315L	180	315
1512-315	150	125	225S	45	1661	817	670	170	355	230	120	1400	940	780	490	530	4-M20×315L	180	315
2015-315	200	150	250M	75	1793	894	695	200	400	270	120	1600	1060	885	490	530	4-M20×315L	180	315

Note: *. Dimensions are in mm.
*. The content of this catalogue is to change without notice.

Model. NP

● Parts List and Materials



No	Name of part	Material	
1	Casing	GCD450	SSC13
2	Impeller	SSC13	SSC13
6	Shaft	SM45C	STS304
11	Stuffing Box Cover	SSC13	SSC13
13	Packing	TEFLON	TEFLON
14	Packing Sleeve	STS304	STS304
16	Inboard Bearing	STEEL	STEEL
17	Packing Gland	GC200	SSC13
18	Outboard Bearing	STEEL	STEEL
19	Frame	GC200	GC200
29	Lantern Ring	BC6	SSC13
35A	Inboard Bearing Cover	GC200	GC200
37	Outboard Bearing Cover	GC200	GC200
40	Deflector	NBR	NBR
61	Front Plate	SSC13	SSC13
71	Adapter	GC200	GC200
89	Oil Seal	NBR	NBR

Note: *. Other Materials are available on request