



EBARA

Looking ahead,
going beyond expectations

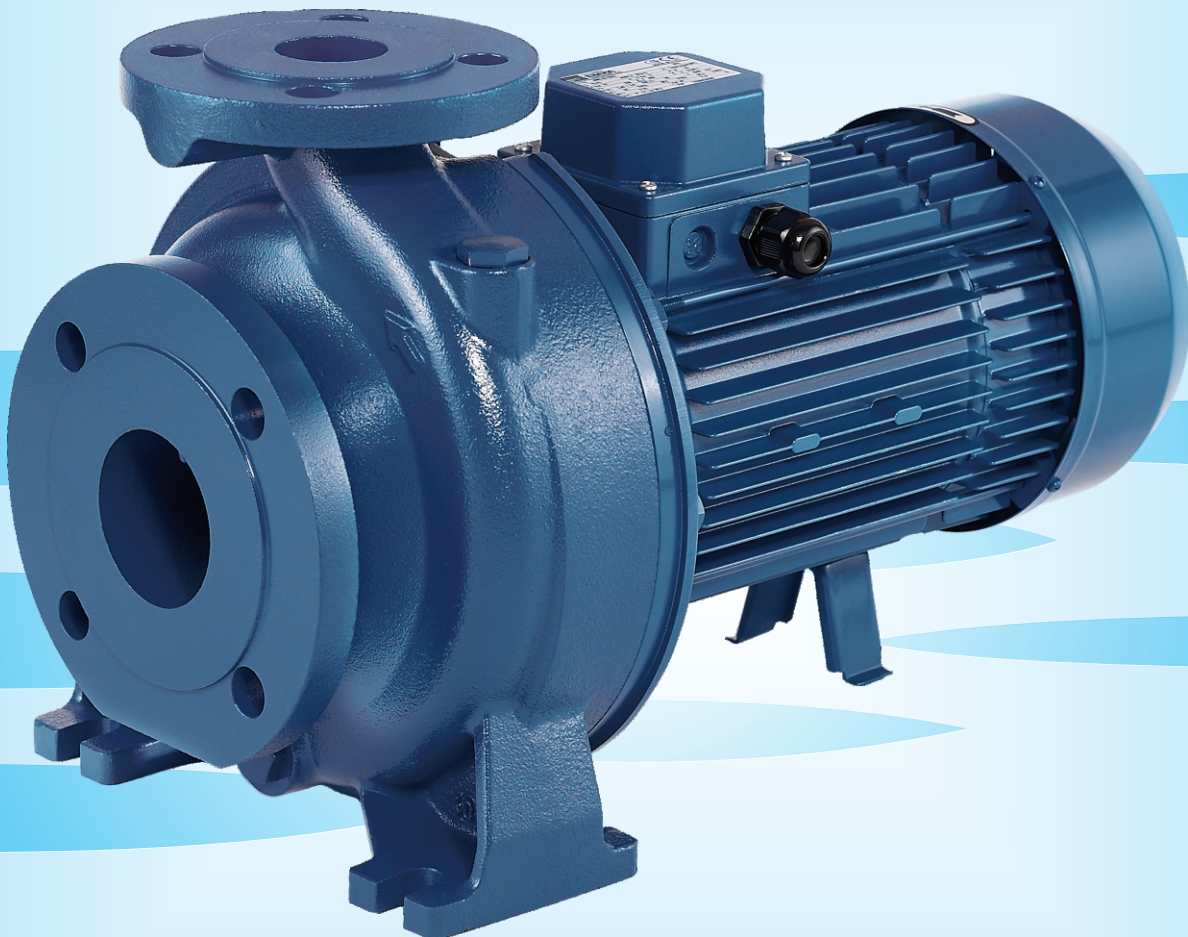
Ahead  *Beyond*

Japanese Technology since 1912

EN733 Centrifugal Motor Pumps (2900 rpm)

Model **3D**

Extended Motor Shaft



Specifications

- End suction centrifugal pump with closed impeller
- Maximum working pressure: 10 bar
- Liquid temperature: -5 °C to +90 °C (standard construction)

Materials

- Pump casing: Cast Iron
- Impeller: 304 Stainless Steel
- Casing cover: 304 Stainless Steel
- Shaft: 304 Stainless Steel (wetted part)
- Motor bracket: Cast Iron or Aluminium (depending on model)
- Mechanical seal: Carbon/Ceramic/NBR

Motor Data

- Extended shaft motors, aluminium frame
- 2 pole (2900 rpm)
- TEFC, 50 Hz
- Insulation class F
- IP55 Protection

Three phase motors

- IE3 high efficiency motors
- 1.1 to 11 kW
- Dual voltage 230/400V ±10% (up to 4.0 kW)
400/690V ±10% (5.5 kW & above)

Single phase motors

- 1.1 to 2.2 kW only
- 230 V (±10%)

Options

- High temperature seal (110 °C)
(Carbon/Ceramic/Viton seal, Viton O' Rings)
- Hard faced seal (110 °C)
(SiC/SiC/Viton seal, Viton O' Rings)

Accessories

- Companion flange kits available

Model Code

3D 40 - 125 / 2.2 (-M)

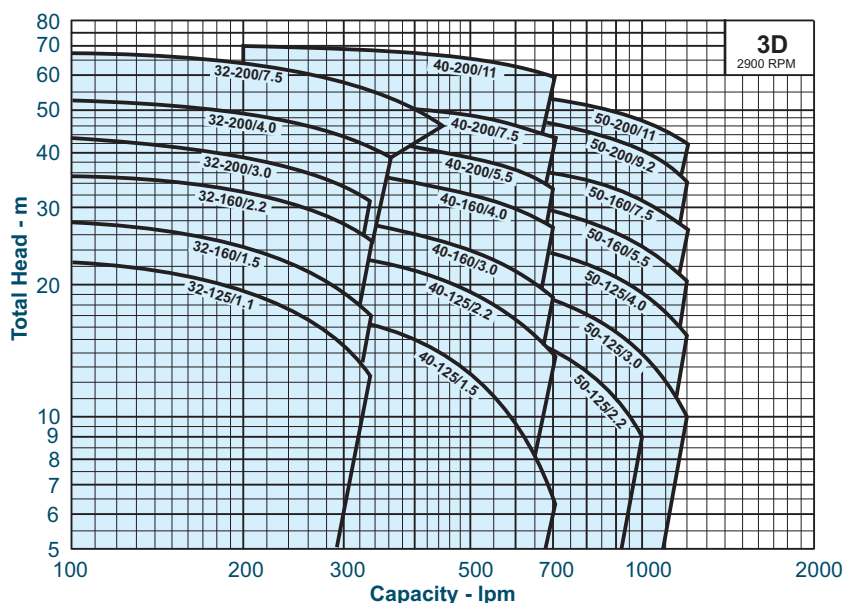
Single phase models only
Motor Size kW
Nominal Impeller Diameter mm
Discharge Size Ø mm
3D = 2 pole model

Basic Dimensions

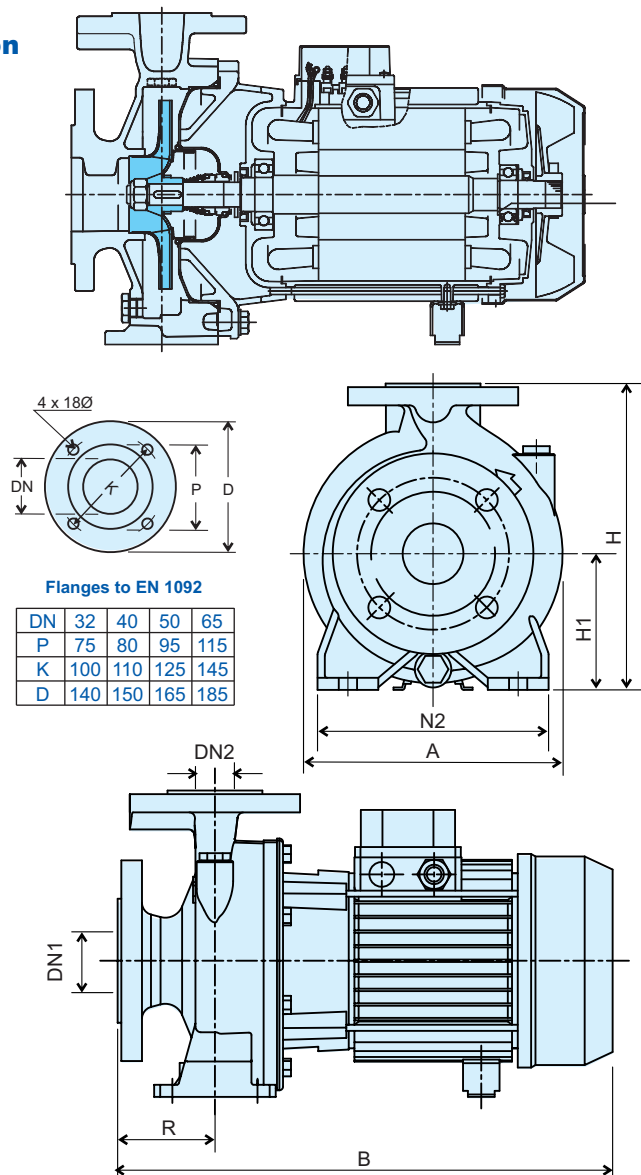
(3 phase models)

DN2 x DN1	Models	A	B	R	H	H1	N2	Weight
32 mm x 50 mm	3D 32-125/1.1	212	431	80	252	112	190	30 kg
	3D 32-160/1.5	254	431	80	292	132	240	34 kg
	3D 32-160/2.2	254	431	80	292	132	240	36 kg
	3D 32-200/3.0	296	471	80	340	160	240	48 kg
	3D 32-200/4.0	296	494	80	340	160	240	50 kg
	3D 32-200/7.5	296	539	80	340	160	240	65 kg
40 mm x 65 mm	3D 40-125/1.5	220	431	80	252	112	210	30 kg
	3D 40-125/2.2	220	431	80	252	112	210	32 kg
	3D 40-160/3.0	254	471	80	292	132	240	39 kg
	3D 40-160/4.0	254	494	80	292	132	240	48 kg
	3D 40-200/5.5	296	539	100	340	160	265	60 kg
	3D 40-200/7.5	296	559	100	340	160	265	66 kg
50 mm x 65 mm	3D 40-200/11.0	296	595	100	340	160	265	83 kg
	3D 50-125/2.2	254	451	100	292	132	240	37 kg
	3D 50-125/3.0	254	491	100	292	132	240	40 kg
	3D 50-125/4.0	254	514	100	292	132	240	48 kg
	3D 50-160/5.5	296	539	100	340	160	265	60 kg
	3D 50-160/7.5	296	559	100	340	160	265	67 kg
	3D 50-200/9.2	296	595	100	360	160	265	77 kg
	3D 50-200/11.0	296	595	100	360	160	265	83 kg

Dimensions in mm.



Typical Construction



Specifications subject to change without notice

Dealer



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