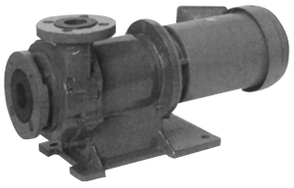
EBARA

MAGNET-DRIVE PUMPS (DOUBLE CASING) NBF

NBF



APPLICATIONS

- Highly-corrosive liquids transport and circulate

FEATURES

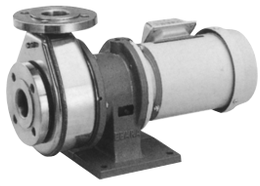
- There is no liquid leak.
- Principal material in contact with liquid is carbon fiber and ETFE for transporting highly acid or alkaline liquids.
- External casing made from cast iron (FC 200), for resistance to heavy piping load and fire.

SPECIFICATIONS

Liquid handled		Corrosive liquid
Temperature		0~90℃
Viscosity		100mPa•s{100cP} and below (However, no more than permissible motor power)
Density		1900kg/m³ and below (However, no more than permissible motor power)
Max suction pressure		0.1MPa{1kgf/cm²}
Construction	Impeller	Closed
	Bearing	Sleeve bearings, disc bearings
Materials	Casing	ETFE+ carbon fiber (20%)
	Impeller	ETFE + carbon fiber (20%)
	Shaft	High-purity aluminum ceramic
Flange		Special (JIS 10K FF required.)
Motor	Type	Totally enclosed fan-cooled motor Increased safety motor Explosion proof motor
	Phase	3-Phase
	Voltage	50Hz:200•400V W-Voltage 60Hz:200/220V, 400/440V W-Voltage

MAGNET-DRIVE PUMPS NWP

NWP



APPLICATIONS

- Clean water, beverages and other liquids which dislike rust.

FEATURES

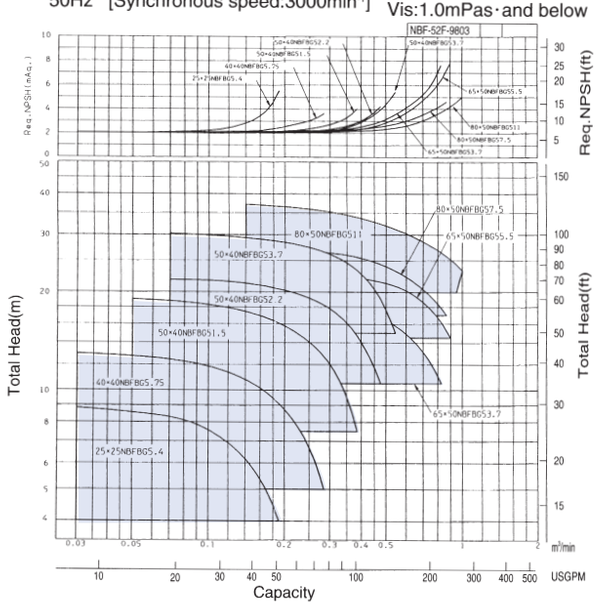
- No shaft seal, there is no liquid leak.
- Simple structure for easy maintenance.
- Compact and lightweight at adoption of a stainless steel press.

SPECIFICATIONS

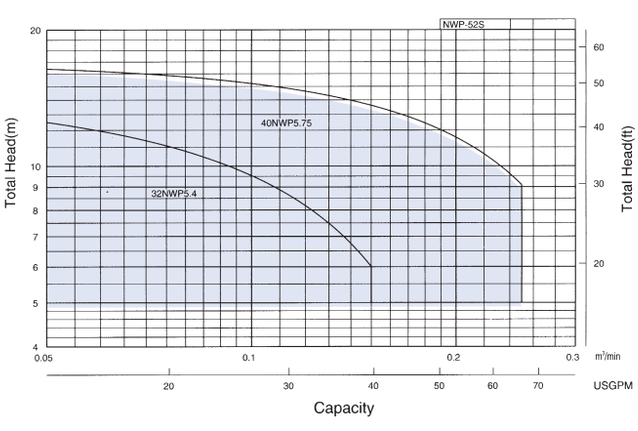
Liquid handled		The other liquids which dislike rust
Temperature		0~100℃
Density		1000kg/m³ and above
Max suction pressure		0.3MPa{3kgf/cm²}
Construction	Impeller	Closed
	Bearing	Sleeve metal
Materials	Casing	SUS316L
	Impeller	SCS316L
	Shaft	SUS304L
Flange		JIS10K or equivalent
Motor	Type	Totally enclosed fan-cooled motor.
	Pole	2Pole
	Phase•Voltage	3-Phase200/220V

SELECTION CHART

50Hz [Synchronous speed:3000min⁻¹] Density:1200kg/m³ and below Vis:1.0mPas·and below



Notes: The selection chart applies to the following conditions:density=1200kg/m³, viscosi ty=1.0mPa•s(1.0cP). Different density and viscosity from water may require different model sizes and outputs. Contact your service representative for more information.

SELECTION CHART

50Hz 2pole[Synchronous speed:3000min⁻¹]