



Company profile

Naniwa Pump Manufacturing Co. Ltd.
Founded: 1921
Employees: 249
Product line: Marine and industrial pumps and systems



View of Fukui Works



Processing line at Fukui Works

NANIWA PUMP MFG. CO., LTD.

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※Specifications may change without notice.

※Only a few of Naniwa's standard pumps are shown in this catalog.
For pumps of other designs and capacities, please do not hesitate to contact us for whatever you require.

NANIWA PUMP

PRODUCTS GUIDE



Naniwa Pumps are known Worldwide for their Superior Quality and Performance.

Industrial Pumps

Naniwa provides all types of standard and special centrifugal and positive displacement pumps for a broad range of industries such as Chemical, Petroleum, Plastics, Special Process and Power Plants.

Marine Pumps

Our supply range covers all types of Engine Room and Cargo Pumps for both commercial and Naval Ships.

Both design and quality for both Industrial and Marine Pumps meet or exceed the requirements of classification societies and national standards of various countries. Naniwa Pumps are World Class.



Message

Naniwa Pump Mfg. Co., Ltd. not only supplies quality pumps according to the customers' specifications, but also provides solutions to engineering and maintenance problems. We exert our utmost efforts in offering pump systems that match our customer's needs and demands ideally.

With quality first as our foundation and a challenging spirit, we strive to develop high-performance, reliable and long-life pumps.

By responding to our customers' meticulous expectations, as well as satisfying our own desire to offer the best, we are united in the aim of contributing to mutual growth and progress.

Company outline

Naniwa Pump Mfg. Co., Ltd., founded in 1921, specializes in the manufacture of marine pumps.

Our main factory in Fukui, boasting the latest in production facilities enabling 24-hour unstaffed operation, is the only plant in Japan fully approved by the Ministry of Land, Infrastructure and Transport for the manufacture of all types of quality marine pumps.

Under stringent inspection and quality control conforming to JIS and ISO9001 standards, over 7,000 units are produced annually and delivered to major shipyards and ship owners throughout the world.

As experts in marine pumps with many years of experience and established reliable performance, we offer a full line of engine room and pump room pumps for all applications in packages, and provide maintenance services as well.



Naniwa Products

As the result of many years of experience, established reliable performance, research and development, Naniwa pumps have achieved a standard of excellence in performance, simple operation, durability and reliability.



A great number of Naniwa products have been installed and are in service throughout the world.

Modern production facilities as well as the stringent quality control guarantee the constant high quality of all Naniwa products.




Naniwa is the only one in the world capable of producing and supplying all types of marine pumps.

Cargo Pumps for Tankers

CARGO PUMPS






Model Type	Specification			
	Capacity (m ³ /h)	Total head (m)	Speed (min ⁻¹)	
C Centrifugal Vertical or Horizontal Single-stage, Double-suction ● Ball bearings at both ends (with cooling fan) ● Ni-Al-Bronze casing and impeller		500~12000	50~200	max. 2100
AHS AHSV Two screw Horizontal (AHS) Vertical (AHSV) External bearings		30~1500	0.2~1.6	max. 3500

CARGO PUMP TURBINES






Model Type	Specification		
	Max. Output (kW)	Max. Speed (min ⁻¹)	
EN Vertical (ENV) Horizontal (EN) Single-stage		600~5000	12500
ERV Vertical Two-stage		1500	11000
CNV Vertical Three-stage		3000	8500

Engine Room Pumps

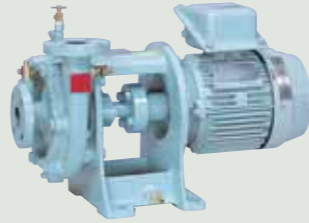

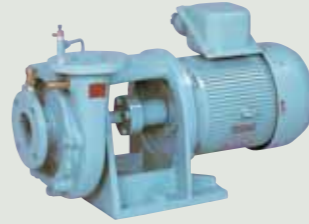
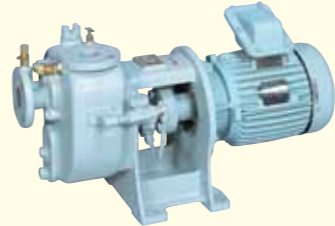
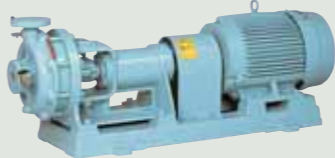
CENTRIFUGAL PUMP Vertical

Model Type	Specification			Typical Application	
	Capacity (m ³ /h)	Total head (m)	Speed (min ⁻¹)		
FEV FBV Single-stage Single-suction FEV=Radial split type FBV=Axial split type		30~500	13~55	1450/1750	Cooling Water General Service Ballast
FEWV FBWV Single-stage Double-suction FEWV=Radial split type FBWV=Axial split type		300~3000	13~45	975/1150 1450/1750	Cooling Water Ballast Circulating Water Cooling Water Ballast Circulating Water
FCDV Single-stage Double-suction		1500~15000	4~24	380~875	Condenser S.W. Circulating
FE2V FB2V Two-stage Single-suction (normally equipped with self-priming unit) FE2V = Radial split type FB2V = Axial split type		40~500	20~170	1450/1750	Fire & General Service Fire, Bilge & Ballast
FBCV Two-stage Single-suction (complete with control valve for Series and Parallel operation)		60~800	25~115	1450/1750	Fire & General Service Fire, Bilge & Ballast

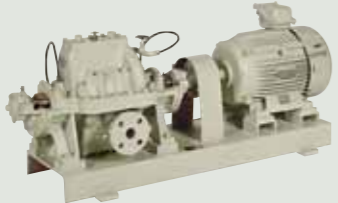


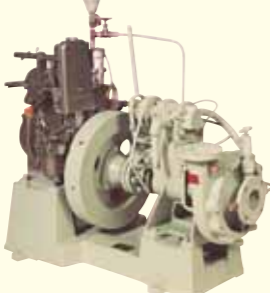

CENTRIFUGAL PUMP Vertical

Model Type	Specification			Typical Application
	Capacity (m ³ /h)	Total head (m)	Speed (min ⁻¹)	
FFV Single-stage Single-suction (normally equipped with self-priming unit) 	20~140	40~120	2900/ 3500	Emergency Fire
FDDV FEDV Single-stage Single-suction FDDV=Axial split type FEDV=Radial split type 	12~150	18~45	1450/ 1750	Condensate
2FDDV Two-stage Single-suction 	2~150	18~120	1450/ 1750	Condensate
TOM(-E) TOMG Tank-mounting Multi-Stage Single-suction 	30~1800	25~95	950/ 1150/ 1450/ 1750/ 2900/ 3500	M.E. Lubricating oil Cooling Water
FGV FGWV Single-stage FGV =Single-suction FGWV =Double-suction (normally equipped with self-priming unit) 	40~600	25~155	2900/ 3500	Fire & General Service Fire, Bilge & Ballast I. G. Scrubber

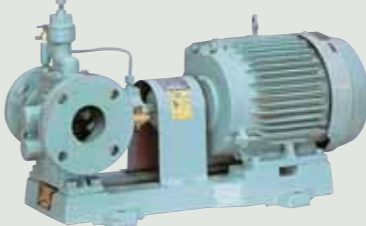
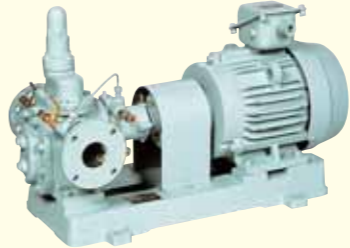
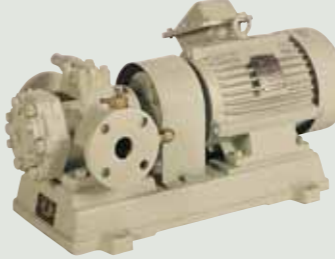

Horizontal

Model Type	Specification			Typical Application
	Capacity (m ³ /h)	Total head (m)	Speed (min ⁻¹)	
BH BHR Single-stage Single-suction 	2~80	5~80	1450/ 1750 2900/ 3500	Cooling Water Fresh Water Sanitary
BHD Single-stage Single-suction 	2~17	10~55	1450/ 1750 2900/ 3500	Cooling Water Fresh Water Sanitary
CR CRD Single-stage Single-suction 	2~350	10~30	1450/ 1750	Cooling Water Fresh Water Sanitary
SH SHR Single-stage Single-suction (Self-priming) 	2~80	15~65	2900/ 3500	Fresh Water Sanitary Cooling Water
EB2H Two-stage Single-suction 	1~100	50~220	2900/ 3500	Feed Water Water Service

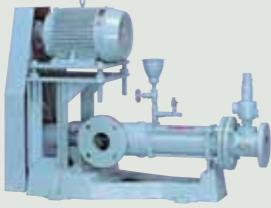


CENTRIFUGAL PUMP Horizontal

Model Type	Specification			Typical Application
	Capacity (m ³ /h)	Total head (m)	Speed (min ⁻¹)	
EB4H Four-stage Single-suction 	1~150	120~350	2900/3500	Feed Water Water Service
BBH Single-stage Single-suction 	2~130	15~85	2900/3500	Boiler Water Circulating
FB2E Self-priming Two-stage Single-suction (complete with Diesel Engine) 	200~700	50~180	2900/3500	Fire Emergency Fire General Service
BHFR BHFL Self-priming Single-stage Single-suction (complete with Diesel Engine) 	30~300	40~200	1000~3500	Fire Emergency Fire General Service
FBW FBWH Single-stage Double-suction 	200~3500	13~130	1450/1750	Cooling Water Ballast Water Service


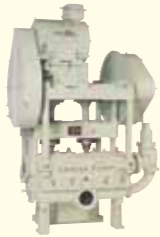

GEAR PUMPS

Model Type	Specification			Typical Application
	Capacity (m ³ /h)	Diff. pressure (MPa)	Speed (min ⁻¹)	
ALG Horizontal Internal bearing 	1~125	0.2~0.8	975/1150	F.O. Transfer L.O. Transfer Lubricating Oil
ALGT ALGG Horizontal Internal bearing 	1~20	0.2~2.5	975/1150	Lubricating Oil H.F.O. Circulating
TLG Horizontal Internal bearing 	0.1~3	0.2~1.6	975/1150	F.O. Transfer
ALGV Vertical Internal bearing 	20~225	0.2~1.5	975/1150	F.O. Transfer L.O. Transfer Lubricating Oil

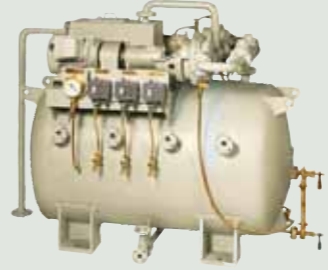
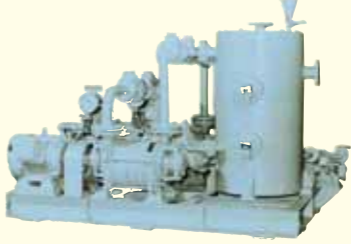


SCREW PUMPS

Model Type	Specification			Typical Application
	Capacity (m ³ /h)	Diff.pressure (MPa)	Speed (min ⁻¹)	
AE1E One screw Horizontal 	0.1~200	0.1~0.6	10~1750	Bilge Sludge High Viscous Liquid
ALS ALSX Two screw, Internal bearing Horizontal (ALS) Vertical (ALSX) 	30~1500	0.2~1.6	975/ 1150 1450/ 1750	F.O. Transfer L.O. Transfer Lubricating Oil
SNH SNS Three screw, Internal or external bearing Horizontal (SNH) Vertical (SNS) 	1~250	0.5~6.5	max. 3500	F.O. Transfer L.O. Transfer Lubricating Oil Oil Hydraulics

PISTON PUMPS

Model Type	Specification			Typical Application
	Capacity (m ³ /h)	Total head (m)	Speed (min ⁻¹)	
HP Horizontal Simplex Double-acting 	0.5~5	10~80	50~110	Bilge Oil & Water Service
2VP Vertical Duplex Double-acting 	1~200	20~80	50~110	Bilge & Ballast Cargo Stripping
WOV Vertical Duplex, Double-acting Steam Driven 	30~450	10~150	20~50	Cargo Stripping Bilge & Ballast

UNIT PRODUCTS

Model Type	Specification		Typical Application
	Max. Air Volume	Max. Vacuum	
UV Central Priming System: Horizontal single-stage water-ring vacuum pump(s) unit built on vacuum tank 	max. 640m ³ /h	max. 650mmHg	Central Priming Unit for: Several Centrifugal Pumps
UNE T/G Vacuum Pump Unit: Horizontal Two-stage water-ring vacuum pump(s) 	Extraction	Vacuum degree	Vacuum Unit for: T/G Condenser
UH Hydrophore Tank Unit: Vertical single-stage, single-suction centrifugal pump(s) unit built on tank (0.2~3.0m ³) 	Capacity (m ³ /h)	Total Head (m)	Hydrophore Unit for : Drinking Water Fresh Water Sanitary Water
VK Self-Priming Unit: Horizontal single-stage, eccentric vane type vacuum pump unit fitted to a main pump 	Air Volume	Vacuum	Priming of Centrifugal Pump, i.e., Bilge, Fire & G.S. Pump, Ballast Pump, Fire Pump, etc.
	max. 200m ³ /h	700mmHg	