



N.J. POWER & CO.
Water Pumps | Fountain Technology

PRODUCT BROCHURE

— PRODUCT RANGE

Submersible Drainage

Stainless-steel pumps for flooded cellars, sumps, grey water and sewage, from compact 0.25 kW units to 2.2 kW.



EBARA DW PUMP



THE RANGE AT A GLANCE

Which pump for which water

Every pump here is stainless steel and fully submersible. Choose by what's in the water: clean or grey, dirty, or sewage with solids.

**Optima**

Small sumps and clean water

**Best One**

Cellars, sumps and grey water

**X1-03**

Light domestic drainage

**BEST 2-5**

Bigger sumps and dewatering

**XD**

Grey water and water transfer

**RIGHT**

Wastewater with soft solids

**XV**

Homes and commercial wastewater

**DW · DW VOX**

Sewage and heavy-duty drainage

Match the pump to the water

Water	Solids	Pumps	Flow to	Head to
Clean and grey water	10 mm	Optima, Best One, X1-03, BEST 2-5, XD	375 l/min	19 m
Dirty water and wastewater	35 mm	RIGHT, XV-07	300 l/min	10.5 m
Sewage	50 mm	XV-10, XV-15, DW, DW VOX	900 l/min	21.8 m

Tell us what you're pumping and how high it goes

We'll match the pump to the job.

+353 1 456 4099



OPTIMA · BEST ONE · X1-03

Compact drainage pumps

Small 0.25 kW pumps for clean and grey water. The outlet is on top, so they stay slim enough for small manholes and areas that flood.



Cable float

Optima

Versions no float, cable float or vertical float.



Vertical float

Best One

Versions cable or vertical float. VOX version: 20 mm solids.



Ball float

X1-03

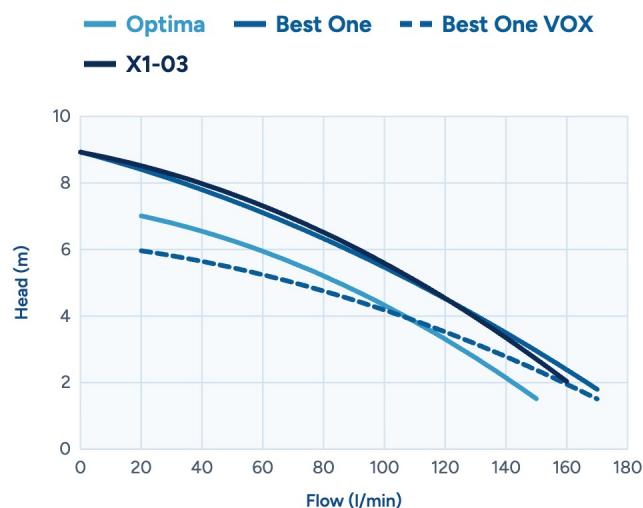
Versions cable, vertical or ball float.

Models

Model	kW / HP	Outlet	Solids	Max. flow	Max. head
Optima	0.25 / 0.33	1¼"	10 mm	150 l/min	7.6 m
Best One	0.25 / 0.33	1¼"	10 mm	170 l/min	9 m
Best One VOX	0.25 / 0.33	1¼"	20 mm	170 l/min	6 m
X1-03	0.25 / 0.33	1¼"	10 mm	160 l/min	9 m

230V single-phase. Float versions run automatically; performance is the same with or without a float.

Performance curves · 50 Hz



Installation & operation

Stand it upright on a firm base, clear of silt and grit.

Vertical float for tight sumps; cable float where there's room for it to swing.

Liquid
Max. +50 °C

Protection
IP68

Immersion
Max. 5 m

Motor
Thermal cut-out



EBARA BEST 2-5

Sump and dewatering pumps

All-stainless pumps for clean and dirty water, from 0.55 to 1.5 kW. Fix one in a sump, or carry it to wherever the water is.

Key features

- **Stainless inside and out.** Body, impeller, strainer and motor casing in AISI 304.
- **Two seals, not one.** SiC/SiC on the pump side, carbon/ceramic on the motor side.
- **Up to 360 l/min.** And up to 19 m head from the BEST 5.
- **10 mm solids.** The built-in strainer keeps bigger debris out.
- **Works 7 m down.** Rated for immersion to 7 m.
- **Automatic as standard.** Single-phase models come with a float switch.

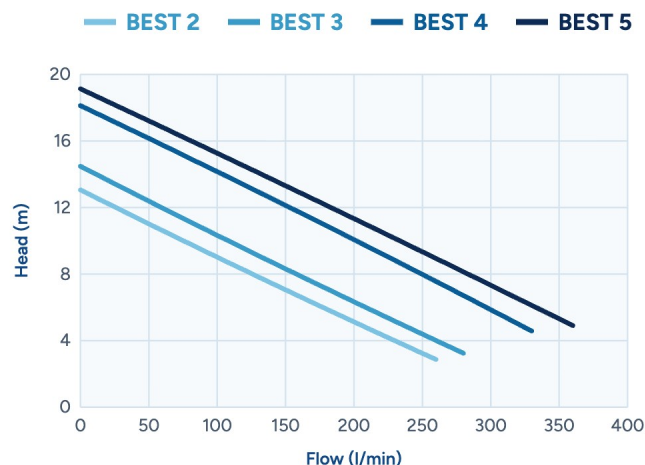


Models

Model	kW / HP	Supply	Outlet	Max. flow	Max. head
BEST 2	0.55 / 0.75	1~ or 3~	1½"	260 l/min	13.1 m
BEST 3	0.75 / 1.0	1~ or 3~	1½"	280 l/min	14.6 m
BEST 4	1.1 / 1.5	1~ or 3~	1½"	330 l/min	18 m
BEST 5	1.5 / 2.0	3~ only	1½"	360 l/min	19 m

1~ = 230V single-phase with float switch · 3~ = 400V three-phase.

Performance curves · 50 Hz



Installation & operation

Single-phase: overload protection and capacitor built in.

Three-phase: wire through a motor starter with overload protection.

Leave room in the sump for the float to swing freely.

Liquid
Max. +35 °C

Protection
IP68

Power cable
10 m H07RN-F

Motor
2-pole, Class F



STAIRS XD AND XV SERIES

Drainage and vortex pumps

Two all-stainless series. XD moves grey and clear water at higher head. XV uses a vortex impeller to pass solids up to 50 mm.

Key features

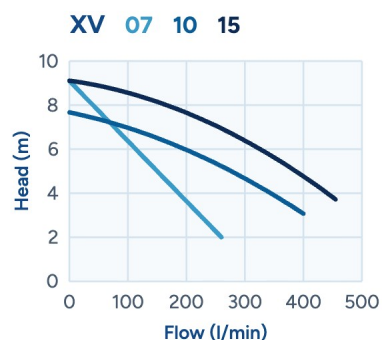
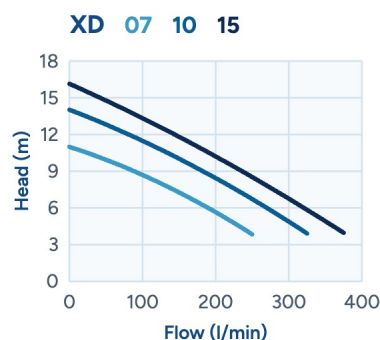
- **XD: open impeller.** Passes 8 mm solids at up to 16.1 m head.
- **XV: vortex impeller.** 35 mm solids on the XV-07, 50 mm on the XV-10 and XV-15.
- **Double seals.** Plus double-shielded ball bearings.
- **Up to 450 l/min.** From the XV-15, with a 2" side outlet.
- **Single or three-phase.** 230V with float switch, or three-phase 230V or 400V.



Models

Model	kW / HP	Outlet	Solids	Max. flow	Max. head
XD-07	0.55 / 0.75	1½"	8 mm	250 l/min	10.9 m
XD-10	0.75 / 1.0	1½"	8 mm	325 l/min	14 m
XD-15	1.1 / 1.5	1½"	8 mm	375 l/min	16.1 m
XV-07	0.55 / 0.75	1½"	35 mm	260 l/min	9.1 m
XV-10	0.75 / 1.0	2"	50 mm	400 l/min	7.7 m
XV-15	1.1 / 1.5	2"	50 mm	450 l/min	9.1 m

Performance curves · 50 Hz



Installation & operation

Single-phase motors have a built-in thermal protector.

XD liquid
Max. +50 °C

Protection
IP68

XV liquid
Max. +35 °C

Motor
2-pole, Class F



EBARA RIGHT

Vortex wastewater pumps

For dirty water and wastewater with solids up to 35 mm. The open vortex impeller is better equipped to handle solids than a standard drainage impeller.

Key features

- **Stainless inside and out.** Body, impeller and motor casing in AISI 304.
- **Two seals, not one.** SiC/SiC on the pump side, carbon/ceramic on the motor side.
- **Liquids up to 50 °C.** Warmer than the BEST, XV or DW will take.
- **Fixed or portable.** Install it in a sump or move it to the job.
- **Automatic as standard.** Single-phase models come with a float switch.

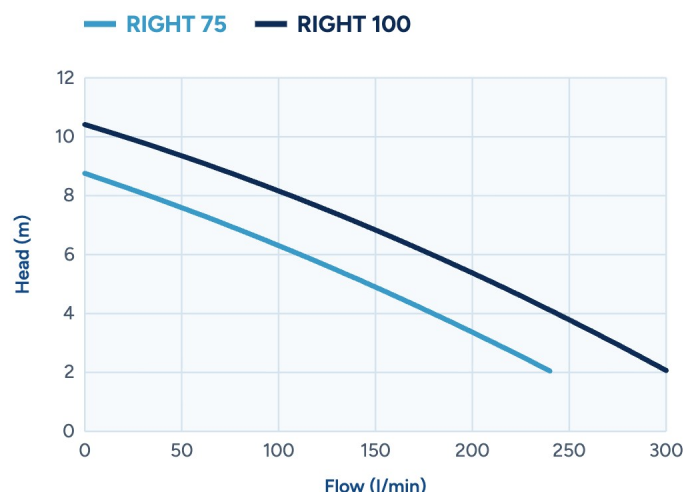


Models

Model	kW / HP	Supply	Outlet	Solids	Max. flow	Max. head
RIGHT 75	0.55 / 0.75	1~ or 3~	1½"	35 mm	240 l/min	8.8 m
RIGHT 100	0.75 / 1.0	1~ or 3~	1½"	35 mm	300 l/min	10.5 m

1~ = 230V single-phase with float switch · 3~ = 400V three-phase.

Performance curves · 50 Hz



Installation & operation

Depth depends on cable: immerse to 2 m on the 5 m cable, 7 m on the 10 m cable.

Three-phase: wire through a motor starter with overload protection.

Leave room in the sump for the float to swing freely.

Liquid
Max. +50 °C

Protection
IPX8

Power cable
5 m or 10 m

Motor
2-pole, Class F



EBARA DW AND DW VOX

Sewage pumps

Heavy-duty stainless pumps for sewage and dirty water, 0.55 to 2.2 kW. DW has a single-channel impeller for more head and flow; DW VOX has a vortex impeller.

Key features

- **50 mm solids.** Both versions pass spherical solids up to 50 mm.
- **Up to 900 l/min.** The DW 300 reaches 21.8 m head.
- **Stainless inside and out.** Body, impeller and motor casing in AISI 304.
- **Two seals, not one.** SiC/SiC on the pump side, carbon/ceramic on the motor side.
- **2" outlet.** Works to 7 m deep, with a 10 m power cable.

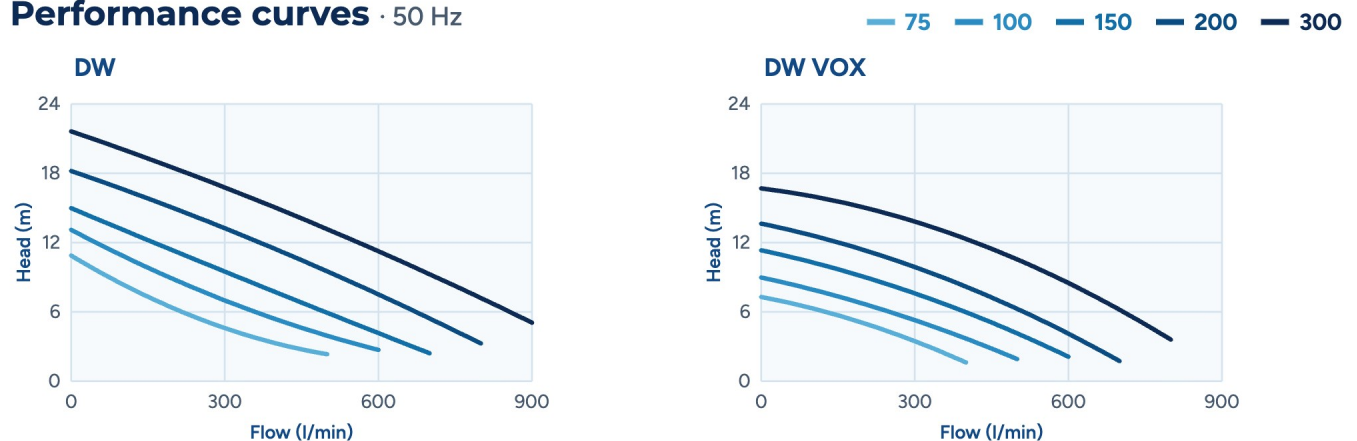


Models

Model	kW / HP	Supply	Standard (DW)		Vortex (DW VOX)	
			Max. flow	Max. head	Max. flow	Max. head
DW 75	0.55 / 0.75	1~ or 3~	500 l/min	11.1 m	400 l/min	7.3 m
DW 100	0.75 / 1.0	1~ or 3~	600 l/min	13.3 m	500 l/min	9 m
DW 150	1.1 / 1.5	1~ or 3~	700 l/min	15 m	600 l/min	11.4 m
DW 200	1.5 / 2.0	3~ only	800 l/min	18.2 m	700 l/min	13.8 m
DW 300	2.2 / 3.0	3~ only	900 l/min	21.8 m	800 l/min	17 m

1~ = 230V single-phase with float switch · 3~ = 400V three-phase · Liquid max. +40 °C.

Performance curves · 50 Hz





N.J. POWER & CO.
Water Pumps | Fountain Technology

WHY N.J. POWER

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Friday **8:30 – 16:30**

Lunch (closed) **13:00 – 14:00**

Saturday & Sunday **Closed**



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