

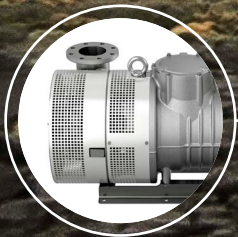


Stainless Steel Pumps

DISCOVER OUR COMPLETE RANGE OF CORROSION-RESISTANT PUMPS
FOR EXTREME ENVIRONMENTS

Join Forces Against Corrosion

Corrosion attacks? Aggressive applications? Extreme environments demand extraordinary performance from pumps in their fight against corrosion. Each pump in Xylem's extensive line of corrosion-resistant pumps stands ready for the task at hand, delivering high performance you can count on – day in and day out, year after year. So when only stainless steel will do, join forces with Xylem to solve your unique industrial-strength pump needs.



Drainage pumps
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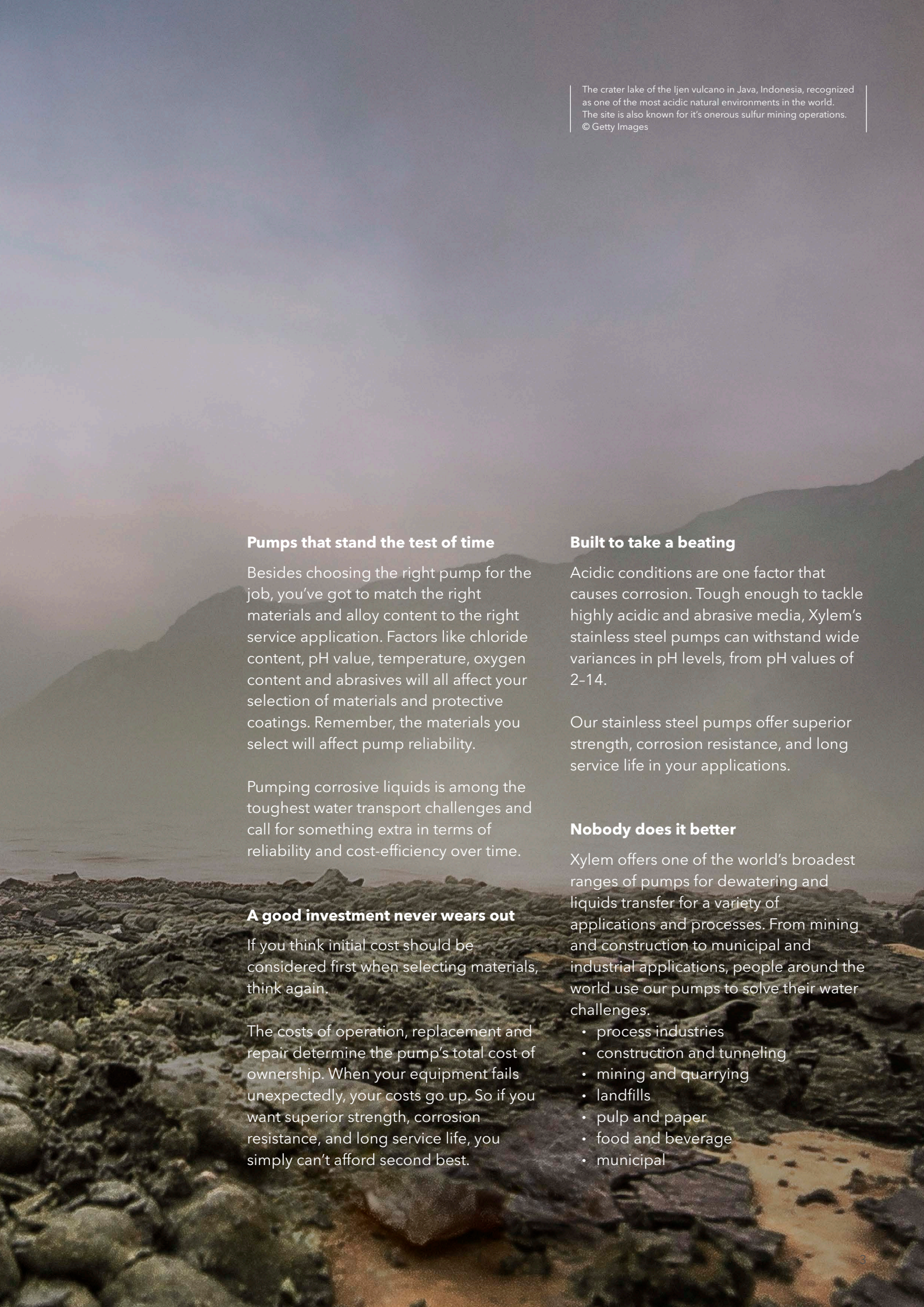
Solids handling pumps
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Wastewater pumps
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Automatic self-priming
pumps [Page 8]



The crater lake of the Ijen volcano in Java, Indonesia, recognized as one of the most acidic natural environments in the world. The site is also known for its onerous sulfur mining operations.
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Pumps that stand the test of time

Besides choosing the right pump for the job, you've got to match the right materials and alloy content to the right service application. Factors like chloride content, pH value, temperature, oxygen content and abrasives will all affect your selection of materials and protective coatings. Remember, the materials you select will affect pump reliability.

Pumping corrosive liquids is among the toughest water transport challenges and call for something extra in terms of reliability and cost-efficiency over time.

A good investment never wears out

If you think initial cost should be considered first when selecting materials, think again.

The costs of operation, replacement and repair determine the pump's total cost of ownership. When your equipment fails unexpectedly, your costs go up. So if you want superior strength, corrosion resistance, and long service life, you simply can't afford second best.

Built to take a beating

Acidic conditions are one factor that causes corrosion. Tough enough to tackle highly acidic and abrasive media, Xylem's stainless steel pumps can withstand wide variances in pH levels, from pH values of 2-14.

Our stainless steel pumps offer superior strength, corrosion resistance, and long service life in your applications.

Nobody does it better

Xylem offers one of the world's broadest ranges of pumps for dewatering and liquids transfer for a variety of applications and processes. From mining and construction to municipal and industrial applications, people around the world use our pumps to solve their water challenges.

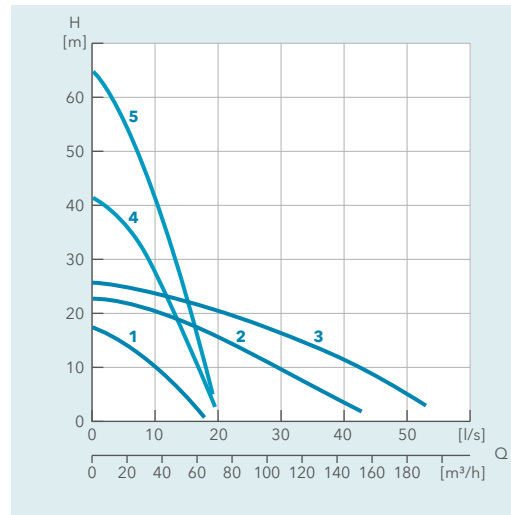
- process industries
- construction and tunneling
- mining and quarrying
- landfills
- pulp and paper
- food and beverage
- municipal

Flygt B 2700

Corrosion-resistant drainage pump for tough applications and unpredictable pH-variance.



Performance*



1. B 2720 MT 4. B 2740 HT B = Semi-open impeller
2. B 2740 MT HT= High head
3. B 2750 MT MT= Medium head

Specifications

	B 2720	B 2740	B 2750
Rating, kW	2.0	6.3	8.0
Voltage, V/phase	400, 3~	400, 3~	400, 3~
Rated current, A	4.4	12	15
Weight, kg	44	75	90
Max. height, mm	600	725	780
Max. width, mm	235	280	280
Discharge Ø, in	3"	3"/4"	3"/4"
Strainer hole, mm	25×7	25×7	25×7
pH of pumped liquid	2-10	2-10	2-10
Warm liquid, 70°C	-	-	-

Materials

Impeller	Stainless steel AISI 316
Wear parts	NBR
Stator housing	Stainless steel AISI 316
Strainer	Stainless steel AISI 316
Shaft	Stainless steel AISI 329
O-rings	FPM

Mechanical face seals

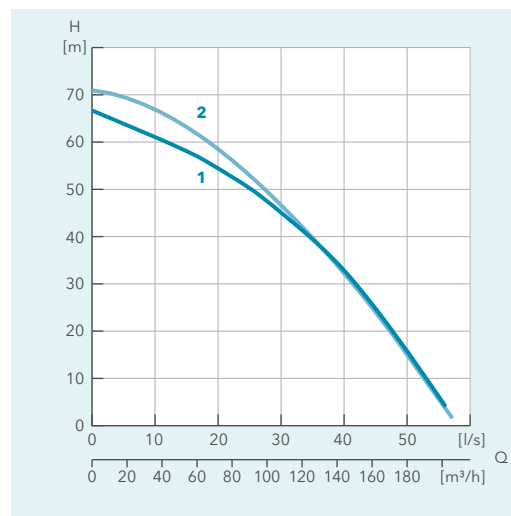
Inner	Carbon/silicon carbide (Csb/RSiC)
Outer	RSiC/RSiC
O-rings	FPM

Flygt B 2190

Corrosion-resistant drainage pump for tough applications and unpredictable pH-variance.



Performance



1. B 266 HT, Closed B = Semi-open/closed impeller
2. B 270 HT, Semi open HT= High head

Specifications

	B 2190.390 HT
Rating, kW	22
Voltage, V/phase	400, 3~
Rated current, A	38
Weight, kg	370
Max. height, mm	1,048
Max. width, mm	436
Discharge Ø, in	4"
Strainer hole, mm	Ø12
pH of pumped liquid	2-10
Warm liquid, 70°C	-

Materials

Impeller	Stainless steel AISI 329
Wear parts	NBR/Stainless steel AISI 329
Stator housing	Stainless steel AISI 329
Strainer	Stainless steel AISI 316L
Shaft	Stainless steel AISI 431
O-rings	FPM

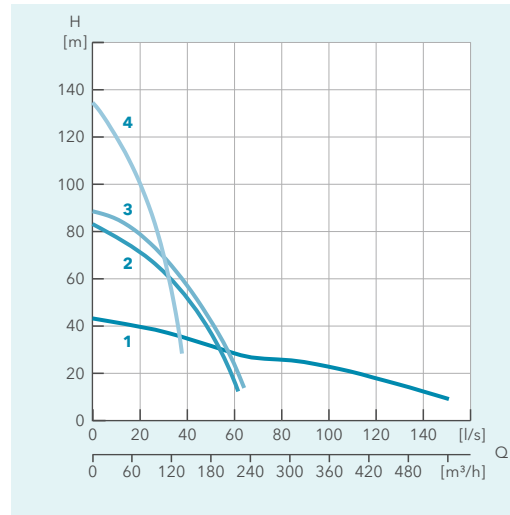
Mechanical face seals

Inner	WCCR/WCCR
Outer	RSiC/RSiC
O-rings	FPM

Flygt B 2201

Corrosion-resistant drainage pump for tough applications and unpredictable pH-variance.

Performance



1. B 246 MT
2. B 266 HT, Closed
3. B 270 HT, Semi open
4. B 283 SH

B = Semi-open/closed impeller
HT= High head
MT= Medium head, semi-open
SH = Super high head, closed

Specifications

	B 2201.390 MT	B 2201.390 HT	B 2201.390 SH
Rating, kW	36	36	36
Voltage, V/phase	400, 3~	400, 3~	400, 3~
Rated current, A	63	63	63
Weight, kg	490	385	430
Max. height, mm	1,151	1,048	1,150
Max. width, mm	639	436	436
Discharge Ø, in	6"/8"	4"	4"
Strainer hole, mm	Ø15	Ø12	Ø12
pH of pumped liquid	2-10	2-10	2-10
Warm liquid, 70°C	-	-	-

Materials

Impeller	Stainless steel AISI 329
Wear parts	NBR/Stainless steel AISI 329
Stator housing	Stainless steel AISI 329
Strainer	Stainless steel AISI 316L
Shaft	Stainless steel AISI 431
O-rings	FPM

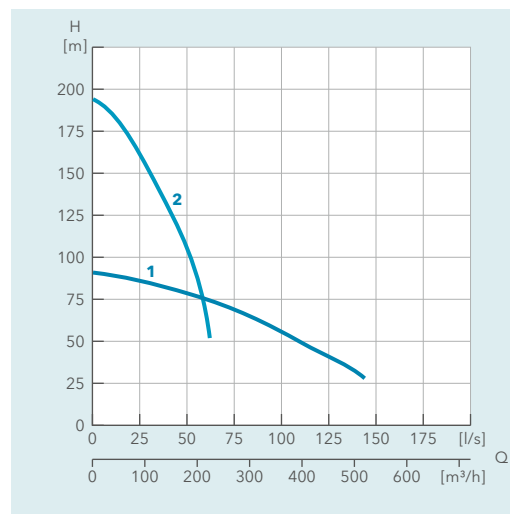
Mechanical face seals

Inner	WCCR/WCCR
Outer	RSiC/RSiC
O-rings	FPM

Flygt B 2400

Corrosion-resistant drainage pump for tough applications and unpredictable pH-variance.

Performance



1. B 251 MT (2400.390 MT)
2. B 263 HT (2400.390 HT)

B = Semi-open/closed impeller
HT= High head, closed
MT= Medium head, semi-open

Specifications

	B 2400.390 MT	B 2400.390 HT
Rating, kW	85	85
Voltage, V/phase	400, 3~	400, 3~
Rated current, A	148	148
Weight, kg	925	1,015
Max. height, mm	1,147	1,147
Max. width, mm	740	700
Discharge Ø, in	6"	4"
Strainer hole, mm	10×10	10×10
pH of pumped liquid	2-10	2-10
Warm liquid, 70°C	-	-

Materials

Impeller	Stainless steel AISI 329
Wear parts	NBR/Stainless steel AISI 329
Stator housing	Stainless steel AISI 329
Strainer	Stainless steel AISI 316
Shaft	Stainless steel AISI 329
O-rings	FPM

Mechanical face seals

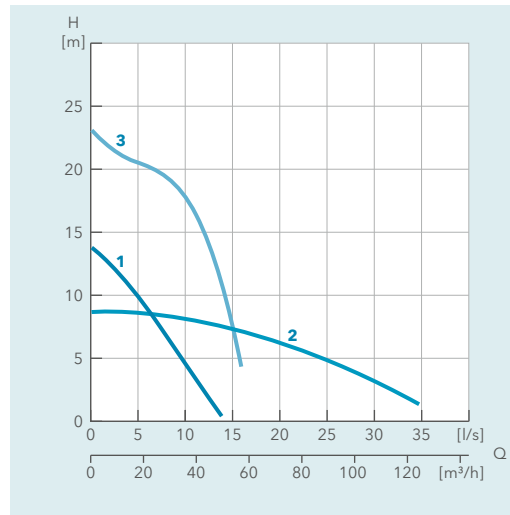
Inner	WCCR/WCCR
Outer	RSiC/RSiC or WCCR/WCCR
O-rings	FPM

Flygt D 2700

Corrosion-resistant solids handling pump for tough applications and unpredictable pH-variance.



Performance



1. D 2720 MT
2. D 2730 MT
3. D 2740 HT

D = Solids handling impeller
HT= High head
MT= Medium head

Specifications

	D 2720	D 2730	D 2740
Rating, kW	2.0	4.1	6.3
Voltage, V/phase	400, 3~	400, 3~	400, 3~
Rated current, A	4.4	8.8	12
Weight, kg	48	83	85
Max. height, mm	715	845	845
Max. width, mm	420	440	440
Discharge Ø, in	3"	3 1/4"	3 1/4"
Throughlet, mm	50	75/80	46
pH of pumped liquid	2-10	2-10	2-10
Warm liquid, 70°C	-	-	-

Materials

Impeller	Stainless steel AISI 316
Wear parts	NBR/Stainless steel AISI 316
Stator housing	Stainless steel AISI 316
Stationary wear ring	Stainless steel AISI 316
Shaft	Stainless steel AISI 329
O-rings	FPM

Mechanical face seals

Inner	Csb/RSiC
Outer	RSiC/RSiC
O-rings	FPM

Flygt D 3000

Submersible solids handling pump for use in highly corrosive industrial wastewater. For portable and stationary use.

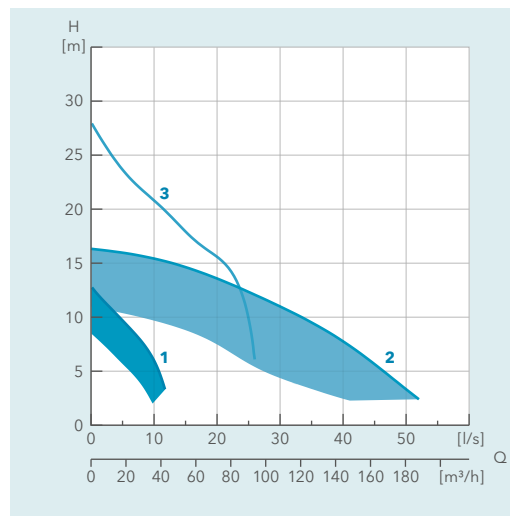


Installation options;



Semi-permanent or permanent, wet or dry well installation. See product documentation for details.

Performance



1. D 3060.390 LT
2. D 3126.290 MT
3. D 3126.290 HT

D = Solids handling impeller
LT = Low head
HT = High head
MT= Medium head

Specifications

	D 3060	D 3126
Rating, kW	2.4	5.3-8
Voltage, V/phase	400, 3~	400, 3~
Rated current, A	4.9	16
Weight, kg	40-43	157-215
Max. height, mm	620	825
Max. width, mm	298	515
Discharge Ø, in	3-4"	3-4"
Strainer hole, mm	15x15	-
pH of pumped liquid	3-13	2-14
Warm liquid, 70°C	Yes	-

Materials

Impeller	Stainless steel AISI 329
Volute	Stainless steel AISI 329
Stator housing	Stainless steel AISI 329
Cooling jacket	Stainless steel AISI 329/AISI 316
Shaft	Stainless steel AISI 329
O-rings	FPM

Mechanical face seals

Inner	WCCR/WCCR
Outer	RSiC/RSiC or Al ₂ O ₃ /Al ₂ O ₃
O-rings	FPM

Flygt D 8000

Submersible solids handling pump for use in highly corrosive industrial wastewater. For portable and stationary use.

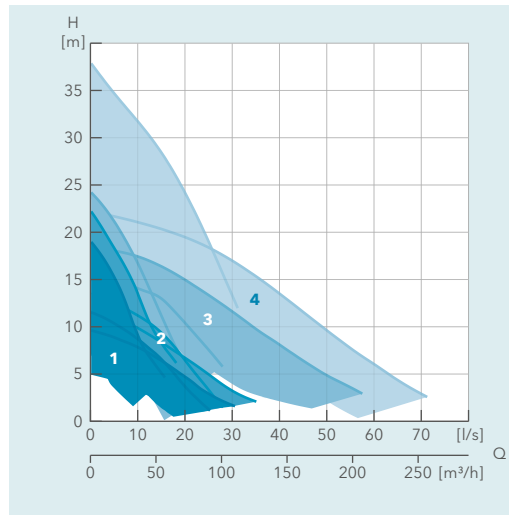


Installation options;



Semi-permanent or permanent, wet or dry well installation. See product documentation for details.

Performance



1. D 8050 HT/LT/MT
2. D 8053 HT/LT/MT
3. D 8056 HT/LT/MT
4. D 8058 HT/LT

D = Solids handling impeller
LT = Low head
HT = High head
MT = Medium head

Specifications

	D 8050	D 8053	D 8056	D 8058
Rating, kW	1.5-2.6	3.5-4	5-7.5	9-13
Voltage, V/phase	400, 3~	400, 3~	400, 3~	400, 3~
Rated current, A	5.8	8.6	16	25
Weight, kg	50-95	50-95	130-150	130-150
Max. height, mm	554	560	649	719
Max. width, mm	399	399	422	422
Discharge Ø, in	2-4"	2-4"	2½-4"	2½-4"
Strainer hole, mm	-	-	-	-
pH of pumped liq.	2-14	2-14	2-14	2-14
Warm liquid, 70°C	-	-	-	-

Materials

Impeller	Stainless steel AISI 316
Volute	Stainless steel AISI 316
Stator housing	Stainless steel AISI 316
Shaft	Stainless steel AISI 316
O-rings	FPM

Mechanical face seals

Inner	Csb/Al ₂ O ₃
Outer	RSiC/RSiC
O-rings	FPM

Flygt 3000

Submersible pump for use in highly corrosive industrial wastewater. For portable or stationary use.

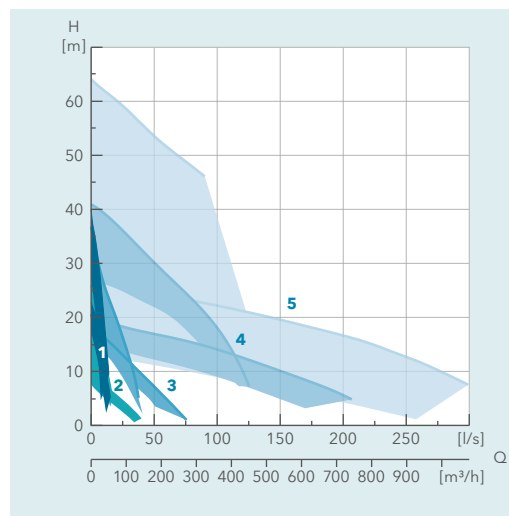


Installation options;



Semi-permanent or permanent, wet or dry well installation. See product documentation for details.

Performance



1. C 3060.390 HT/MT
2. N 3069.390 HT/MT
3. C 3126.290 HT/MT
4. C 3201.280 HT/MT
5. C 3300.280 HT/MT

C = Channel impeller
HT = High head
MT = Medium head

Specifications

	C 3060	N 3069	C 3126	C 3201	C 3300
Rating, kW	2.4	1.5-2	5.3-8	22-30	40-54
Voltage, V/phase	400, 3~	400, 3~	400, 3~	400, 3~	400, 3~
Rated current, A	4.9	4.4	16	56	100
Weight, kg	40-43	45	157-215	515-675	935-1700
Max. height, mm	620	485	825	1285	1650
Max. width, mm	298	377	515	870	820
Discharge Ø, in	2", 3"	2", 2.5", 3"	3-6"	6-10"	6-10"
Strainer hole, mm	5/15x15	-	-	-	-
pH of pumped liq.	3-13	2-14	2-14	2-14	2-14
Warm liq., 70°C	Yes	Yes	-	-	-

Materials

Impeller	Stainless steel AISI 329
Volute	Stainless steel AISI 329/AISI 316
Stator housing	Stainless steel AISI 329/AISI 316
Cooling jacket	Stainless steel AISI 329/AISI 316
Shaft	Stainless steel AISI 329/AISI 431
O-rings	FPM or NBR

Mechanical face seals

Inner	WCCR/WCCR or Csb/Al ₂ O ₃
Outer	RSiC/RSiC or WCCR/WCCR or Ceramic/Ceramic (Al ₂ O ₃ /Al ₂ O ₃)
O-rings	FPM