



WE'RE ALL ABOUT EXPERIENCE.



TUNNELLING SOLUTIONS

50

**YEARS OF
EXPERIENCE**



**ALL ABOUT
EXPERIENCE**

allpumps.com.au



OUR PARTNERS

All-Pumps is a partner to local and global industry-leaders making sure to meet the needs of every tunnelling and mining project.



WHY DO TUNNELS USE ALL-PUMPS?



**WE OFFER THE LOWEST
COST OF OWNERSHIP
SOLUTIONS FOR
TUNNELLING PROJECTS**



**OUR EXPERIENCE IN SUPPLY
CHAIN, STOCK, SERVICE
& CUSTOMISATION ARE
UNMATCHED**



**YOU CAN ALWAYS COUNT
ON OUR EXPERTS. ABOVE
ALL – WE KEEP OUR
PROMISES**



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ABOUT ALL-PUMPS

To be the leader in the supply of pumps, pumping equipment and associated design engineering; to provide the gateway to best practise and competitive solutions.

OUR CORPORATE VALUES

- ✓ At All-Pumps, our clients are served by professional, knowledgeable and efficient people.
- ✓ We build long term relationships based on the following core values:

EXPERIENCE

We are 50 years young and still in the family.

FRIENDLY SERVICE & ADVICE

Call us on 1300 ALL PUMPS to test out our technical support.

ENGINEERING CAPABILITY

In-house fabrication engineering for customising a solution to fit your needs.

INVENTORY

We hold large stocks to enable quick delivery, which is incredibly important when a breakdown can shut a project down.

BREADTH OF RANGE

We source local and global products from high-quality manufacturers bringing you maximum value and reliability.

MORE TO COME

We take industrial pumps seriously & continuously add products to the range.

ECONOMIES OF SALE

Volume allows us to minimise our costs and allows you to maximise the savings on your project.

TIMELINESS

We believe every delivery time is a make or break. We have our own drivers who are committed to efficient and safe deliveries.

FEEDBACK

We have a front-end design team who can help with almost anything.





ENVIRONMENT & SAFETY

We understand that everything we do affects the environment. We continually review our products, systems & processes to identify opportunities to be more sustainable towards the environment.

PRACTICE OF SAFETY MANAGEMENT

The All-Pumps Group will:

- Assess risks and plan work activities to eliminate or control foreseeable hazards or risks.
- Comply with relevant WH&S, workplace injury management and workers compensation legislation and regulations.
- Establish measurable objectives and targets for continuous improvement.
- Consult with employees and subcontractors and disseminate WH&S information.
- Make this SMP available to all employees.
- Maintain the workplace in a safe condition.
- Make available relevant information to subcontractors working at the site during construction/ maintenance activities.
- Maintain plant and equipment in a safe condition.
- Provide appropriate instruction and training for employees and subcontractors to assist them in avoiding unsafe situations, unsafe work practices and the use of defective equipment.
- Provide adequate facilities for outdoor staff.
- Provide sufficient resources to achieve the above.



DESIGN ENGINEERING

The All-Pumps design team is committed to continual improvements in both quality and design.

We are continuing the standard of excellence with the latest and most up-to-date equipment to ensure the development of high quality packaged pumping products.

The use of AutoCAD, Solid Works and 3D Modelling are only a part of the detail used to enhance our products.

- Complete technical data available.
- Detailed drawings of pumps & systems.
- Pump and controller troubleshooting guides.

WE HAVE EXTENSIVE IN-HOUSE BASED FACILITIES INCLUDING:

- ✓ Design Selection
- ✓ Project Management
- ✓ Testing to AS2417 Standard
- ✓ Stock Holding
- ✓ Manufacturing
- ✓ Drafting
- ✓ FEA - Finite Element Analysis



All-Pumps Packaged Pump Solutions are assembled at our manufacturing facility.

With our extensive and comprehensive product range coupled with 50 years of experience in pump systems, we can manufacture an engineered solution to solve the most complex application.

All-Pumps Pty Ltd has total control over production procedures, ensuring that quality standards and time frames are met.



SERVICE & REPAIRS

All-Pumps Sales & Service's ongoing commitment to research and development, quality product, technical support and customer service will enable us to reach our goal of excellence.

- In-house Pump Repairs
- On-site Pump Servicing
- Site Surveys

WE HAVE OVER 100 STAFF MEMBERS WORKING FOR THE ALL-PUMPS GROUP!

SERVICE DEPARTMENT CONTACT

- 📞 1300 ALL PUMPS (255 786)
- ✉ service@allpumps.com.au
- 🌐 www.allpumps.com.au
- 📍 100 Silverwater Road, Silverwater NSW, 2128
- 📍 130 Sandstone Place, Parkinson, QLD 4115
- 📍 897 Wellington Rd, Rowville VIC 3178



CAPABILITIES & TRANSPARENCY

- Large stocks of pumps and spares.
- Repairs – We are located in close proximity to respond to urgent situations and have comprehensive in-house repair and testing capabilities.
- Prime locations in Brisbane, Sydney and Melbourne for fast delivery and local service and repairs. Three-day turnaround on repairs promised for Tsurumi pumps.
- Keep track of your pumps and have full transparency on repairs.
- Repairs, services, and locations are tracked online.



SCAN TO WATCH



ALLPUMPS.APP

Our market-leading online pump portal makes it easy to monitor what's onsite to improve communication, awareness, servicing and reliability.

All repairs, services, and locations are tracked online.

SUBMERSIBLE PUMPS



- MOST RELIABLE SUBMERSIBLE PUMP
- OIL LIFTER ALLOWS PUMP TO RUN DRY
- RESIN CABLE ENTRY BARRIER
- SIMPLE YET EXTREMELY DURABLE –
THE TOYOTA OF THE PUMP INDUSTRY





TSURUMI PUMP

BUILT FOR WORK[®]



KTZ/GPN/LH SERIES

ELECTRIC SUBMERSIBLE PUMPS



WHY TSURUMI PUMPS OUTLAST ALL COMPETITOR PUMPS?

Simple Reliable Engineering for peace of mind and lowest cost of ownership.

ANTI-WICKING CABLE ENTRY

Prevents water intrusion due to capillary action should the cable sheath be damaged or the end of cable submerged. Also prevents moist air from infiltrating the motor housing and condensation from forming inside the housing due to temperature differences between the housing and outside air.

CIRCUIT THERMAL PROTECTOR

Directly cuts the motor circuit if excessive heat builds up or overcurrent occurs in the motor. Restarts automatically as soon as the motor reaches normal temperature.

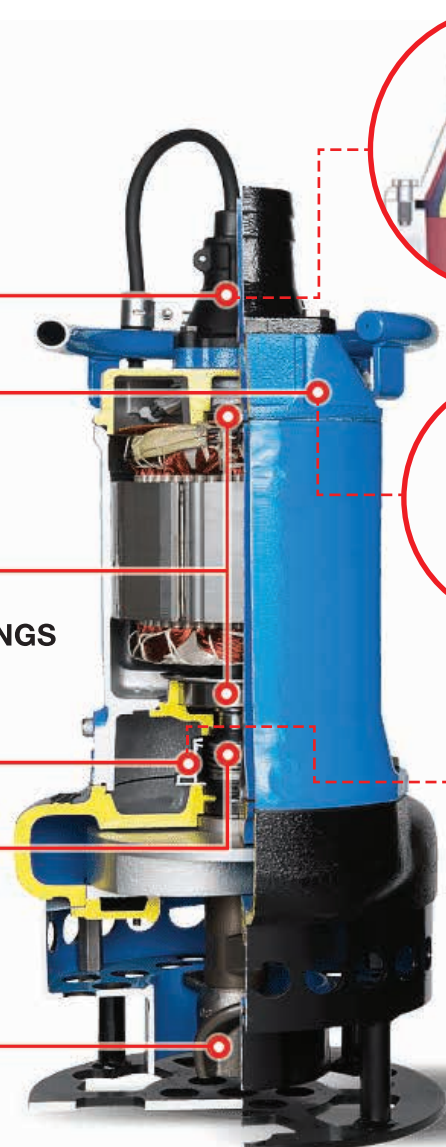
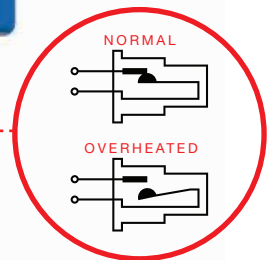
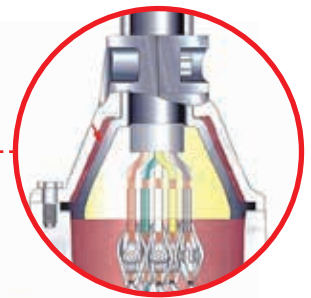
OIL LIFTER

Provides lubrication and cooling of both the seal faces down to 1/3 of normal oil level, thus maintaining a stable shaft sealing effect and prolonging seal life longer. The Oil Lifter is Tsurumi original patented design.

DUAL SIC MECHANICAL SEAL

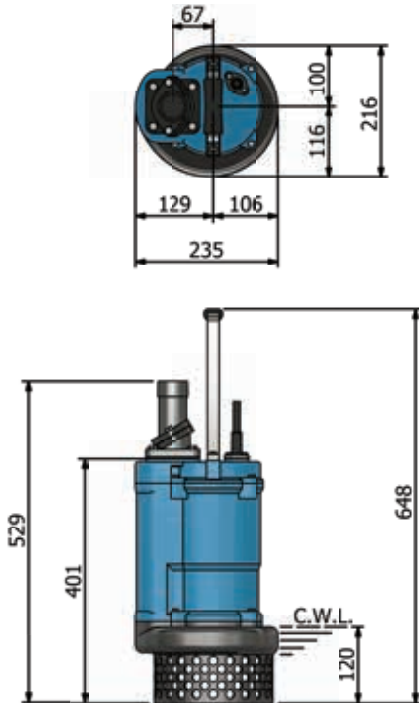
AGITATING MECHANISM (Slurry Pumps)

BEARINGS





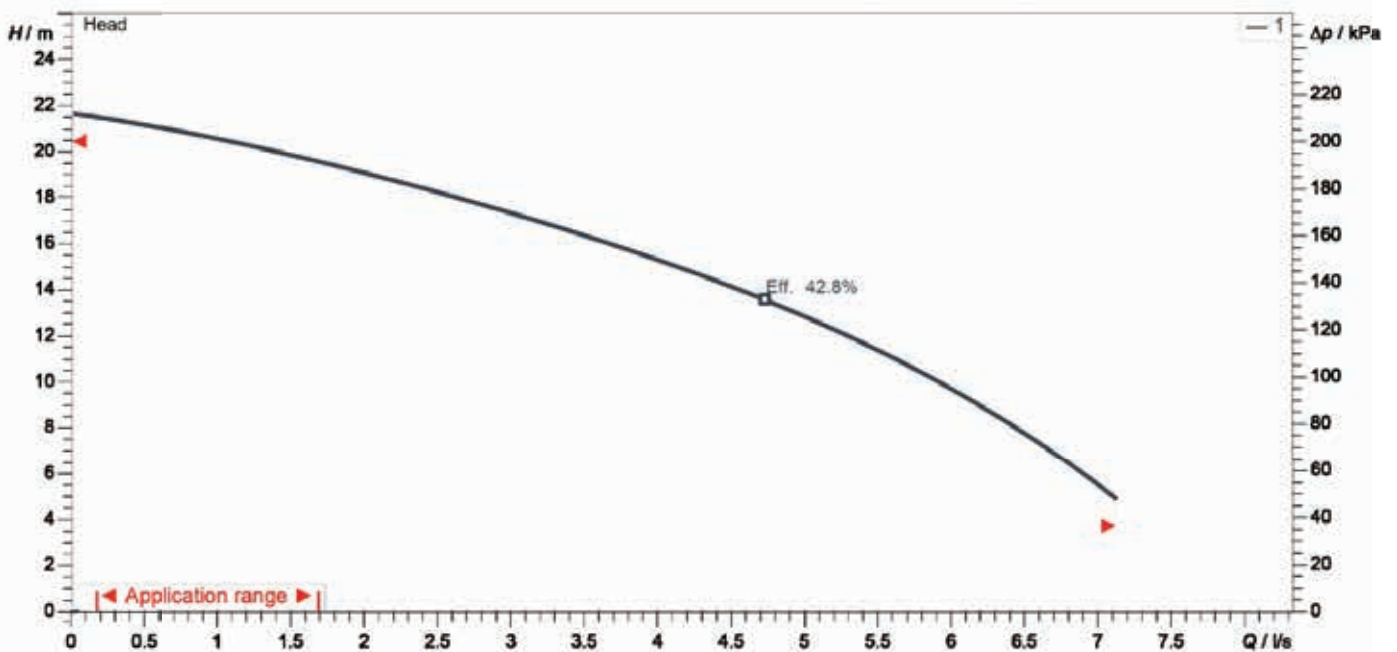
DIMENSIONS



SPECIFICATIONS

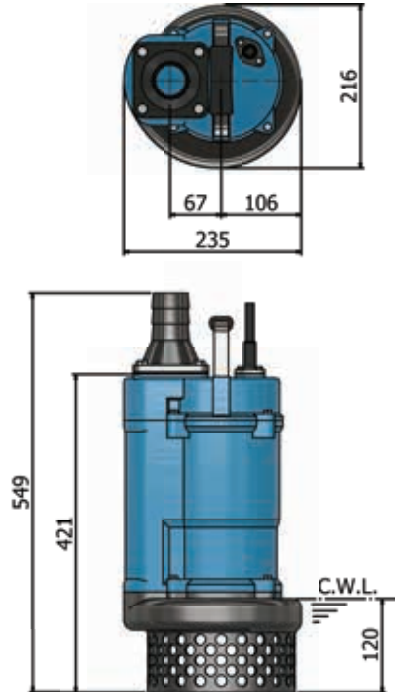
HEAD	21.7m	RATED POWER	1.50kW
FLOW	7.1 l/s	SPEED	2840 1/min
MAX. SOLID HANDLING	8.5mm		
SUITABLE FOR	Fish tanks, tunnelling dewatering, dirty water and light slurries		
RATED POWER	1.5kW		
RATED CURRENT	3.5A		
CABLE	20m NSSHÖU 4Cx1,5mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	2" (50mm) BS-coupling / Hose coupling (optional)		
WEIGHT	35kg		

PERFORMANCE CURVE





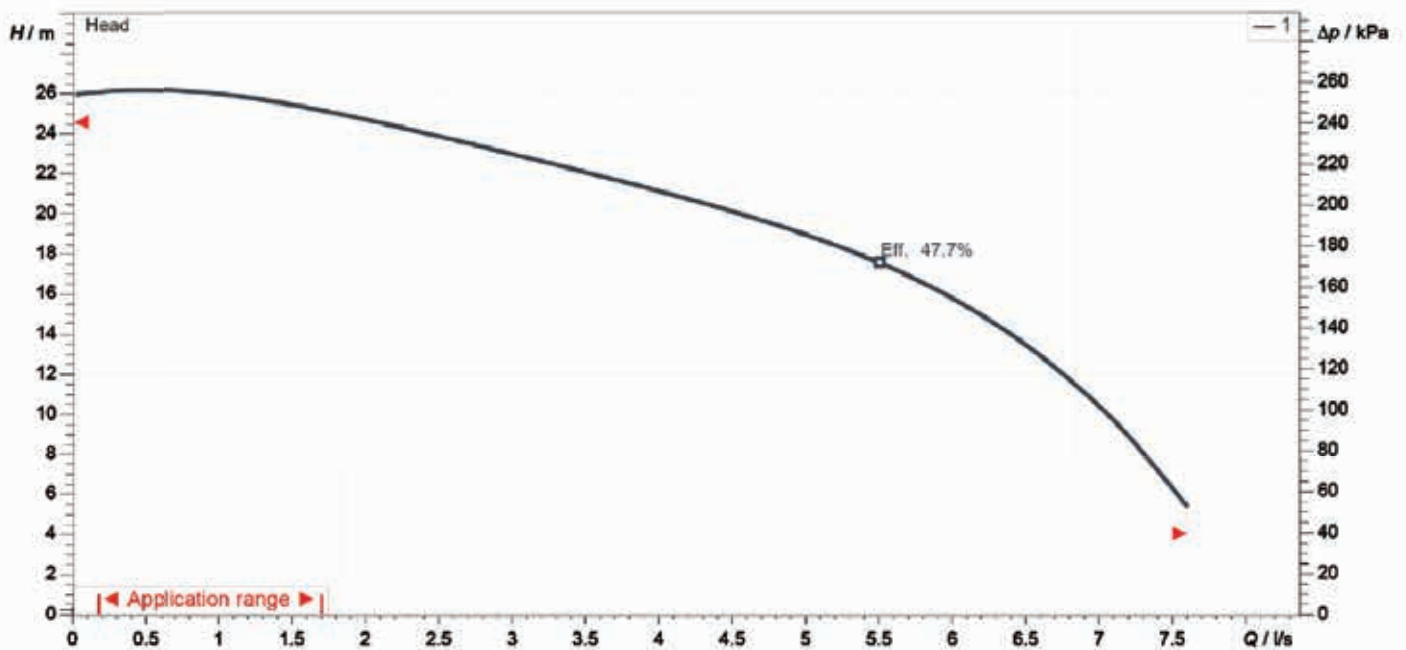
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SPECIFICATIONS

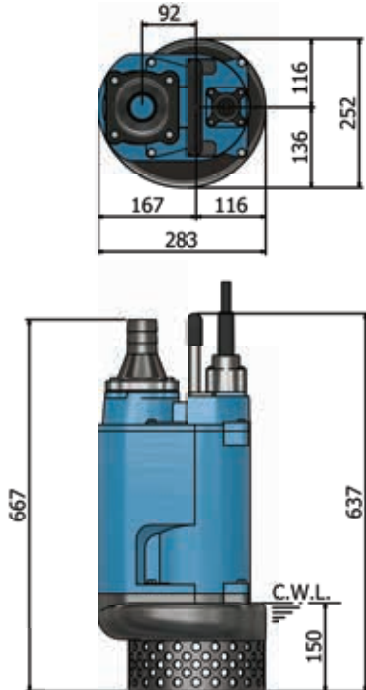
HEAD	26.0m	RATED POWER	2.20kW
FLOW	8.3 l/s	SPEED	2840 1/min
MAX. SOLID HANDLING	8.5mm		
SUITABLE FOR	Fish tanks, tunnelling dewatering, dirty water and light slurries		
RATED POWER	2.20kW		
RATED CURRENT	5A		
CABLE	20m NSSHÖU 4Cx1,5mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	2" (50mm) BS-coupling / Hose coupling (optional)		
WEIGHT	36kg		

PERFORMANCE CURVE





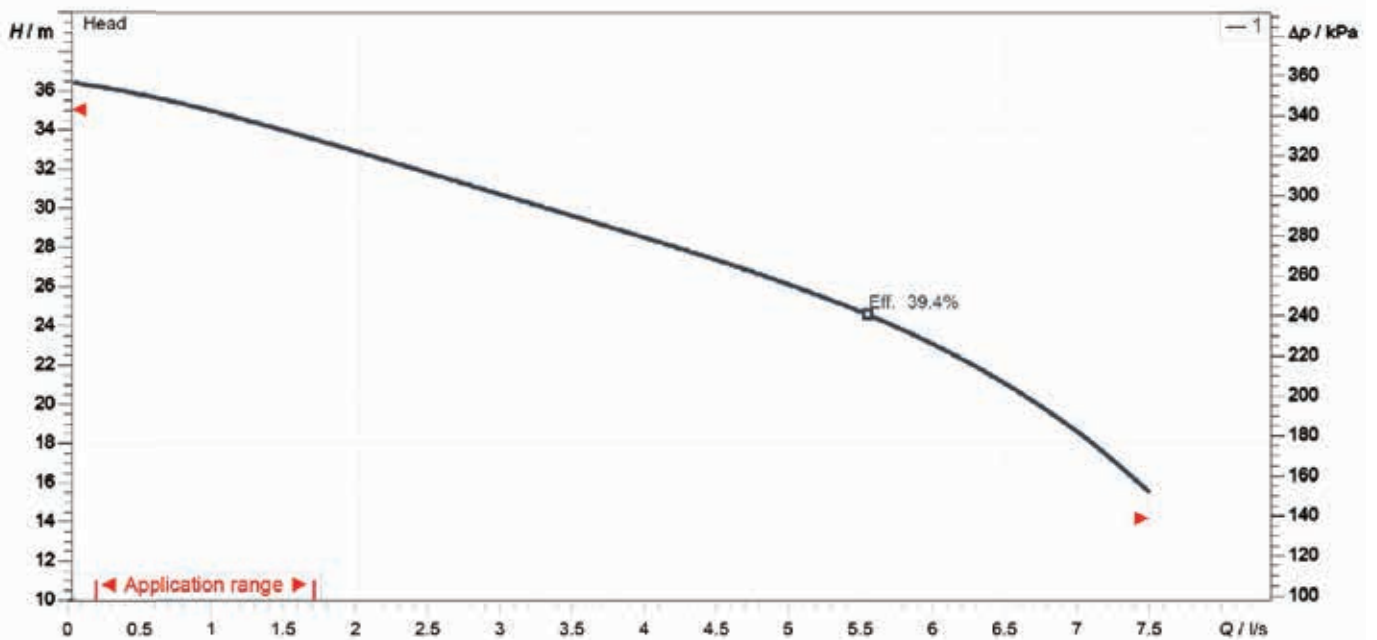
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SPECIFICATIONS

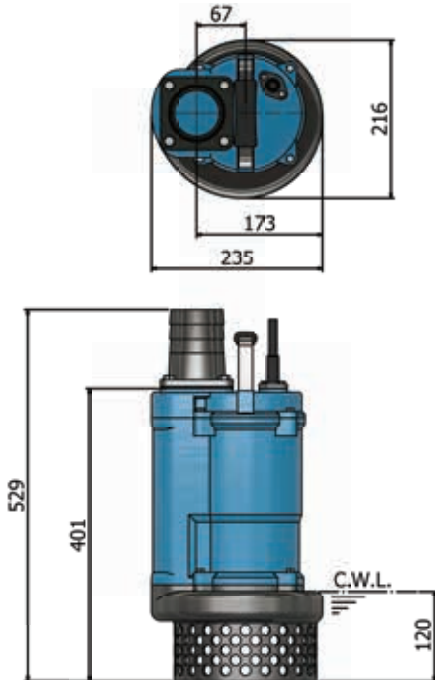
HEAD	36.4m	RATED POWER	3.70kW
FLOW	7.5 l/s	SPEED	2840 1/min
MAX. SOLID HANDLING	8.5mm		
SUITABLE FOR	Fish tanks, tunnelling dewatering, dirty water and light slurries		
RATED POWER	3.70kW		
RATED CURRENT	7.7A		
CABLE	20m NSSHÖU 4Cx1,5mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	2" (50mm) BS-coupling / Hose coupling (optional)		
WEIGHT	62kg		

PERFORMANCE CURVE





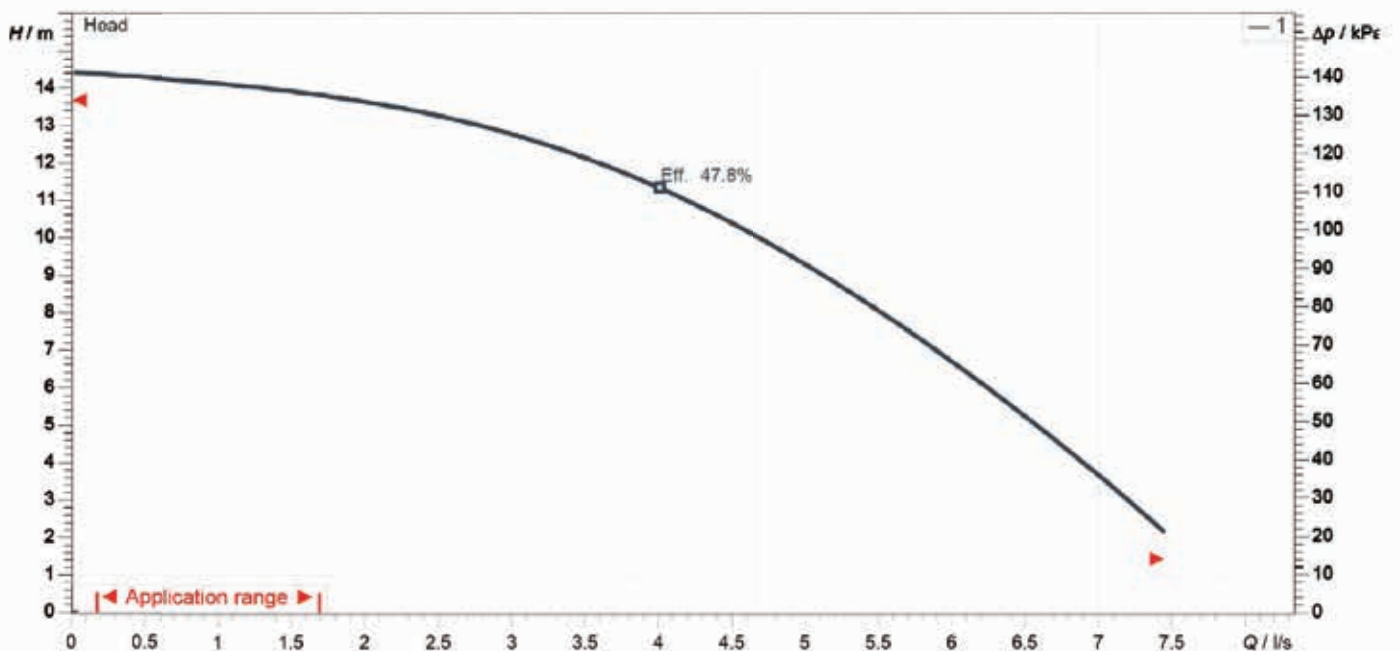
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SPECIFICATIONS

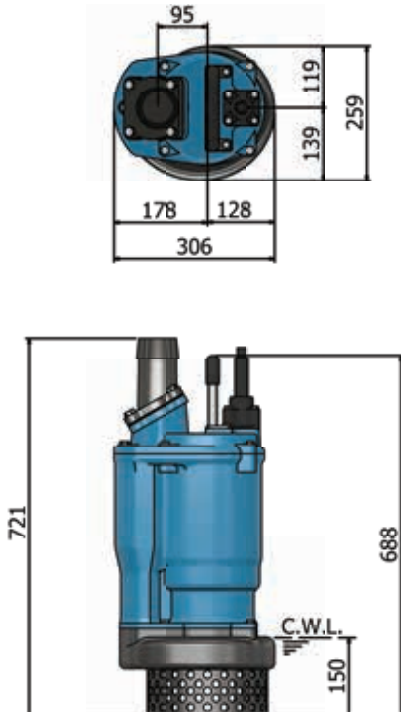
HEAD	14.4m	RATED POWER	1.50kW
FLOW	11.2 l/s	SPEED	2840 1/min
MAX. SOLID HANDLING	8.5mm		
SUITABLE FOR	Fish tanks, tunnelling dewatering, dirty water and light slurries		
RATED POWER	1.50kW		
RATED CURRENT	3.5A		
CABLE	20m NSSHÖU 4Cx1,5mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	3" (80mm) BS-coupling / Hose coupling (optional)		
WEIGHT	34kg		

PERFORMANCE CURVE





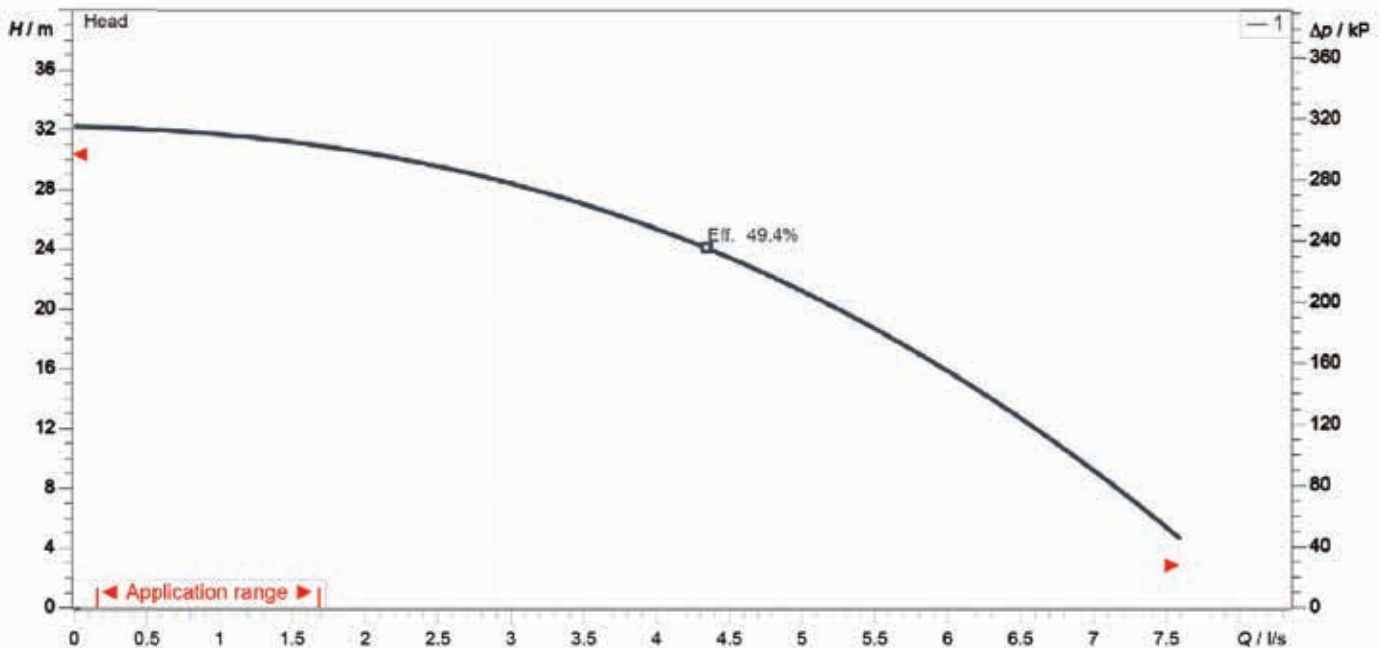
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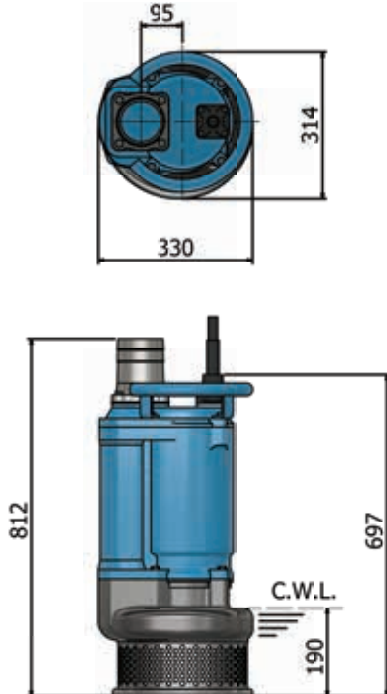
HEAD	32.2m	RATED POWER	5.50kW
FLOW	18.2 l/s	SPEED	2945 1/min
MAX. SOLID HANDLING	8.5mm		
SUITABLE FOR	Fish tanks, tunnelling dewatering, dirty water and light slurries		
RATED POWER	5.50kW		
RATED CURRENT	11.4A		
CABLE	20m NSSHÖU 4Cx2,5mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	3" (80mm) BS-coupling / Hose coupling (optional)		
WEIGHT	76kg		

PERFORMANCE CURVE





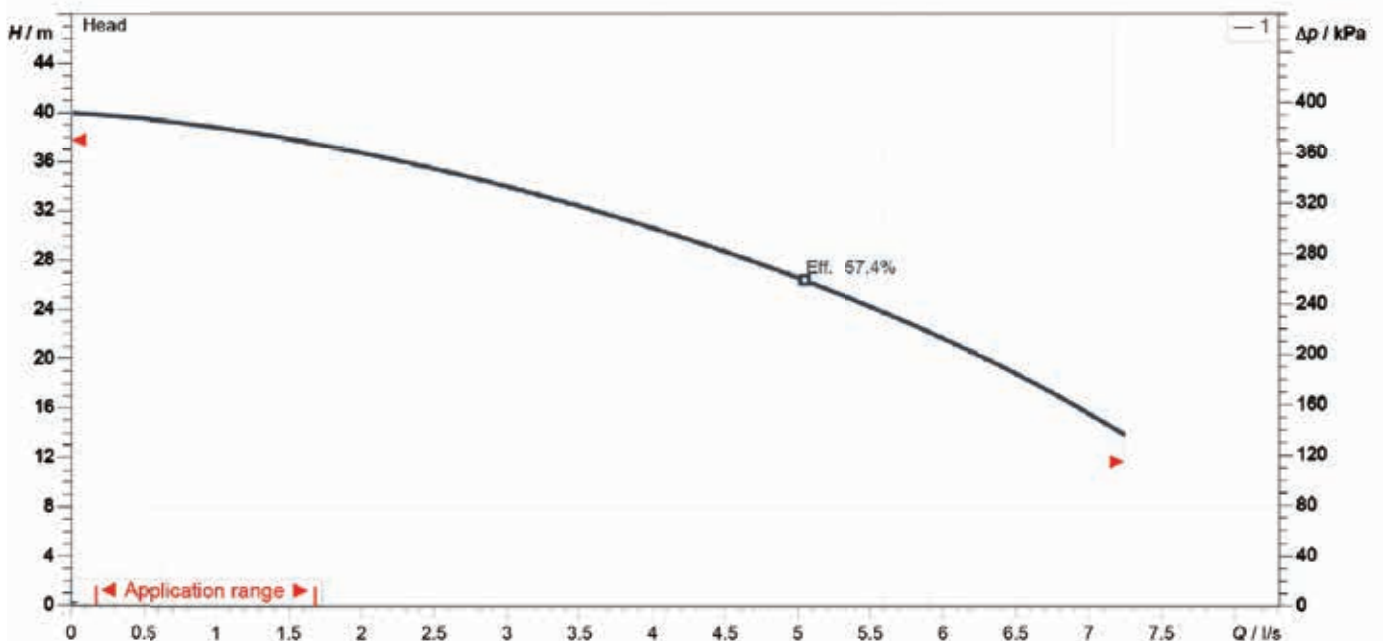
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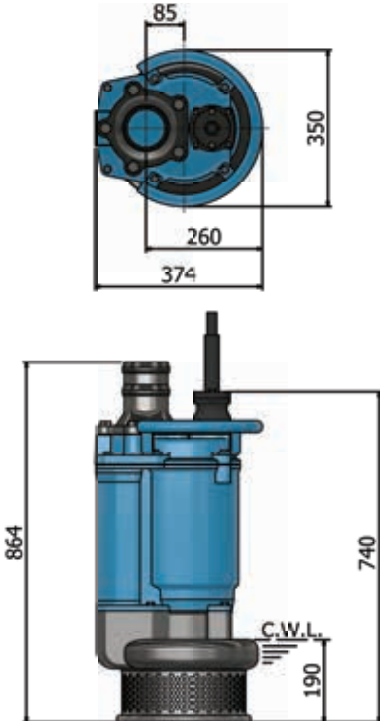
HEAD	12mm	RATED POWER	7.50kW
FLOW	11.2 l/s	SPEED	2840 1/min
MAX. SOLID HANDLING	8.5mm		
SUITABLE FOR	Fish tanks, tunnelling dewatering, dirty water and light slurries		
RATED POWER	7.50kW		
RATED CURRENT	15.1A		
CABLE	20m NSSHÖU 4Cx4mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	4" (100mm) BS-coupling / Hose coupling (optional)		
WEIGHT	100kg		

PERFORMANCE CURVE





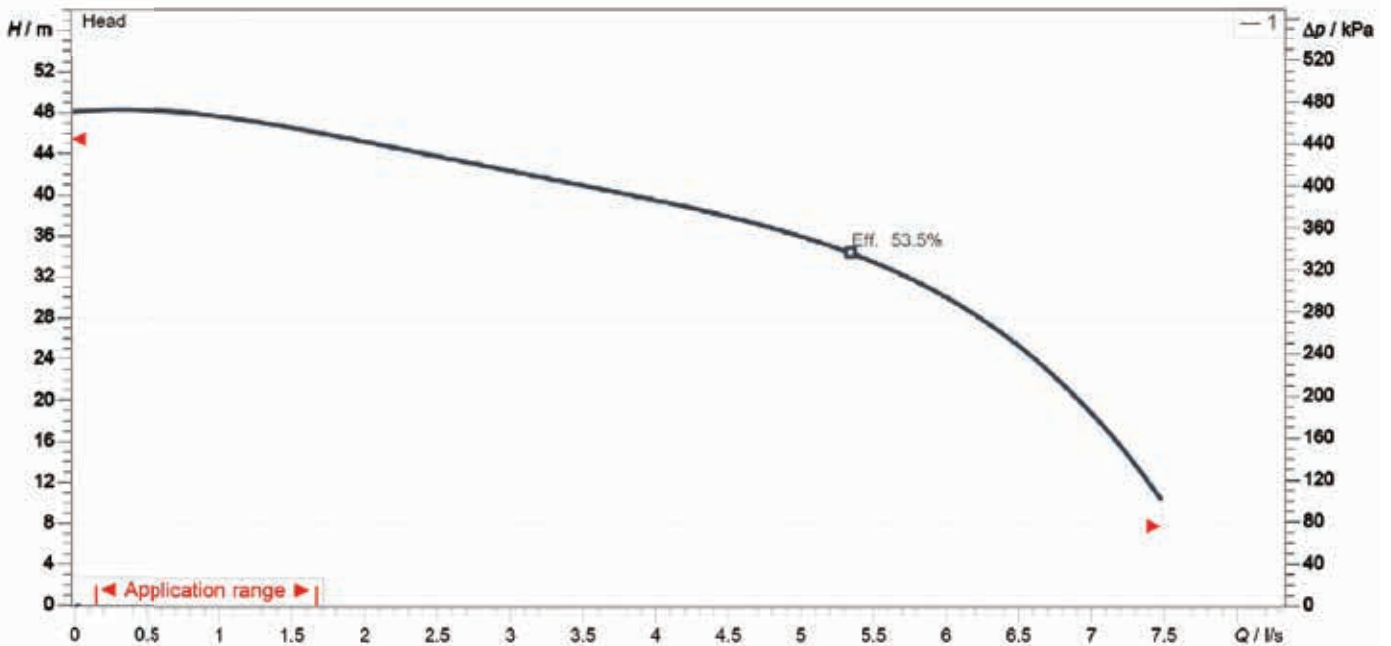
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SPECIFICATIONS

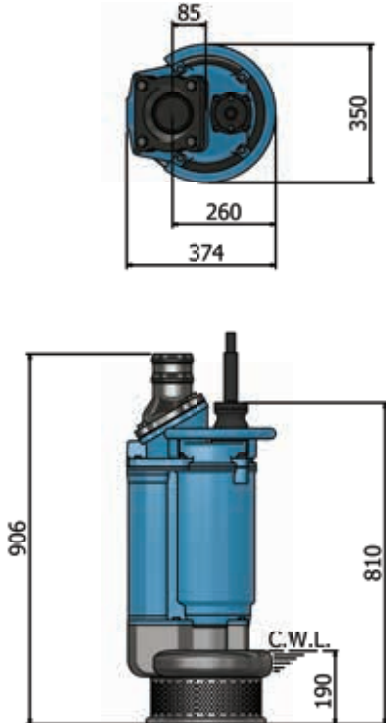
HEAD	48.1m	RATED POWER	11kW
FLOW	23.9 l/s	SPEED	2935 1/min
MAX. SOLID HANDLING	12mm		
SUITABLE FOR	Fish tanks, tunnelling dewatering, dirty water and light slurries		
RATED POWER	11kW		
RATED CURRENT	22A		
CABLE	20m NSSHÖU 4Cx4mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	4" (100mm) BS-coupling / Hose coupling (optional)		
WEIGHT	130kg		

PERFORMANCE CURVE





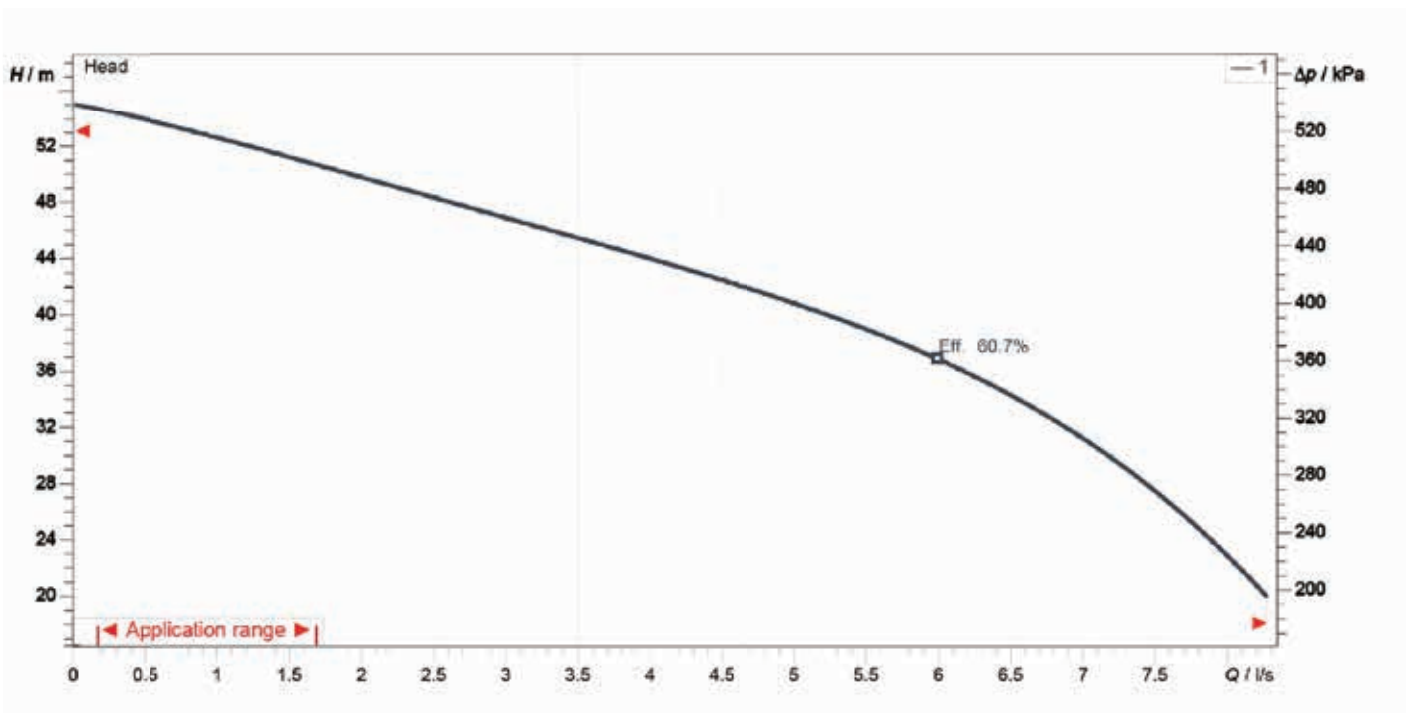
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SPECIFICATIONS

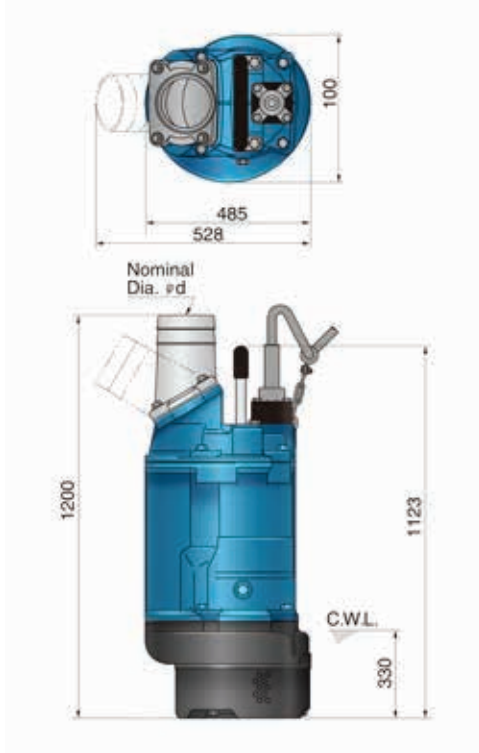
HEAD	55mm	RATED POWER	15kW
FLOW	33 l/s	SPEED	2890 1/min
MAX. SOLID HANDLING	12mm		
SUITABLE FOR	Fish tanks, tunnelling dewatering, dirty water and light slurries		
RATED POWER	15kW		
RATED CURRENT	15.1A		
CABLE	20m NSSHÖU 4Cx6mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	4" (100mm) BS-coupling / Hose coupling (optional)		
WEIGHT	146kg		

PERFORMANCE CURVE





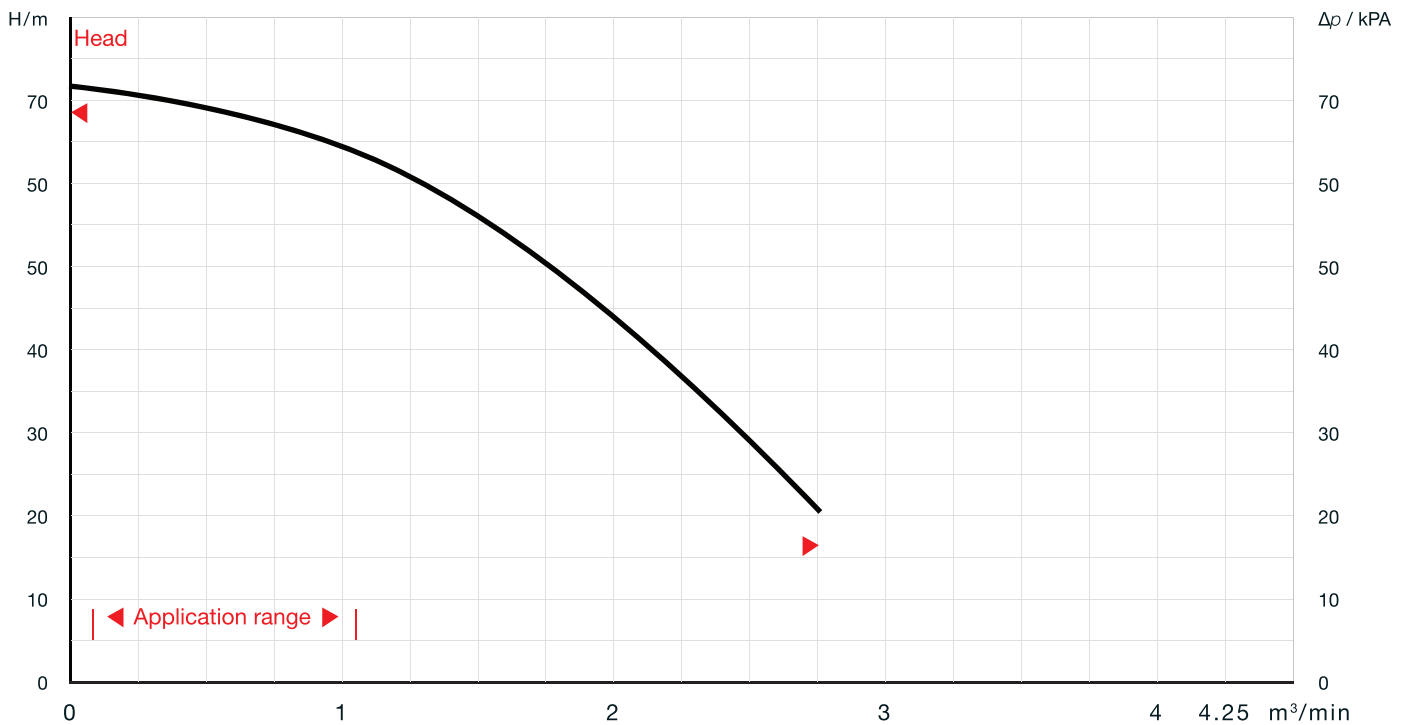
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SPECIFICATIONS

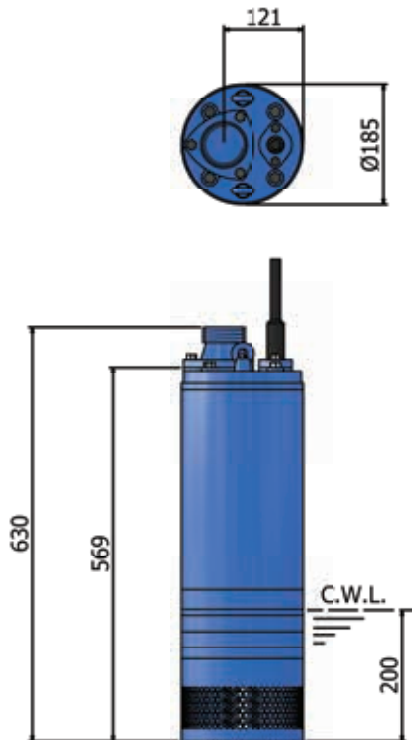
HEAD	100mm	RATED POWER	22kW
FLOW	46 l/s	SPEED	3000 1/min
MAX. SOLID HANDLING	8.5mm		
SUITABLE FOR	Fish tanks, tunnelling dewatering, dirty water and light slurries		
RATED POWER	22kW		
CABLE	10m NSSHÖU 4Cx4mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	4" (100mm) BS-coupling / Hose coupling (optional)		
WEIGHT	295kg		

PERFORMANCE CURVE





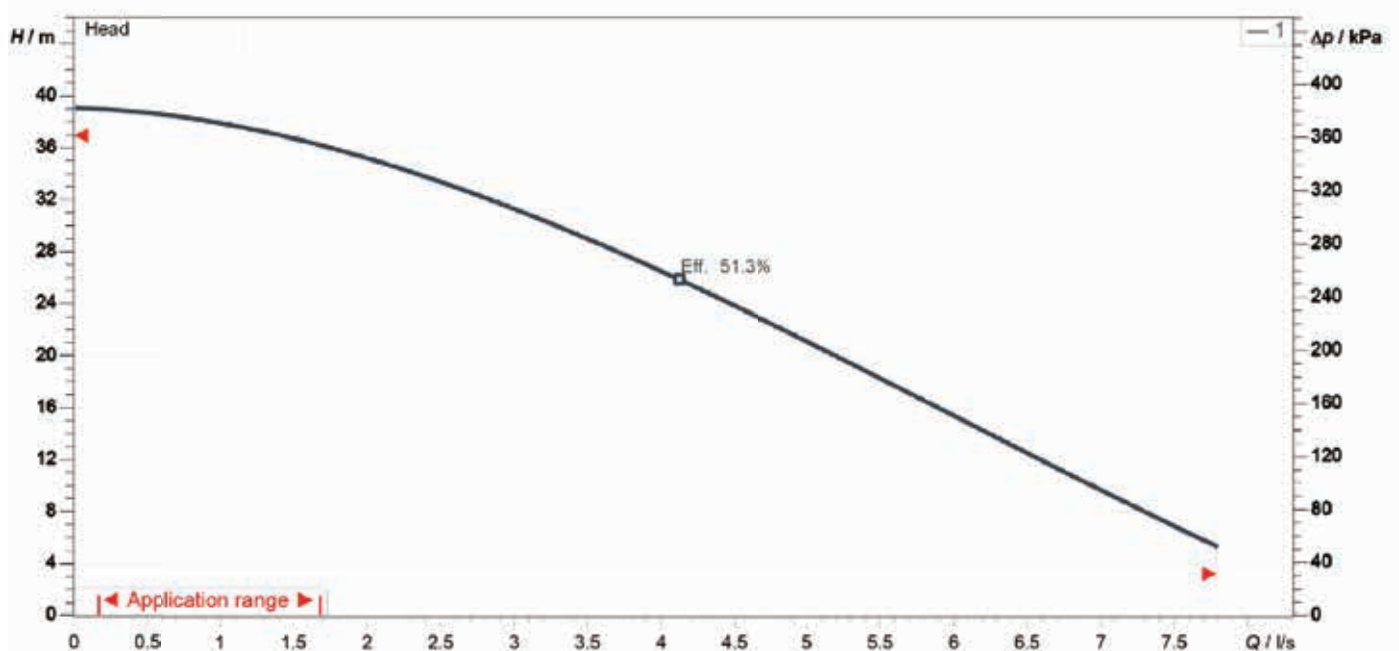
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SPECIFICATIONS

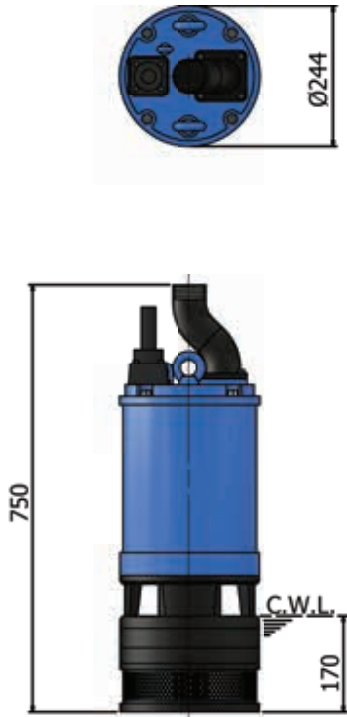
HEAD	39.1m	RATED POWER	3.0kW
FLOW	10.0 l/s	SPEED	2820 1/min
MAX. SOLID HANDLING	6mm		
SUITABLE FOR	Small long discharge hose applications, dirty water and sandy water		
RATED POWER	3.0kW		
RATED CURRENT	6.5A		
CABLE	20m NSSHÖU 4Cx1,5mm ²		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	2" (50mm) BS-coupling (threaded flange)		
WEIGHT	46kg		

PERFORMANCE CURVE





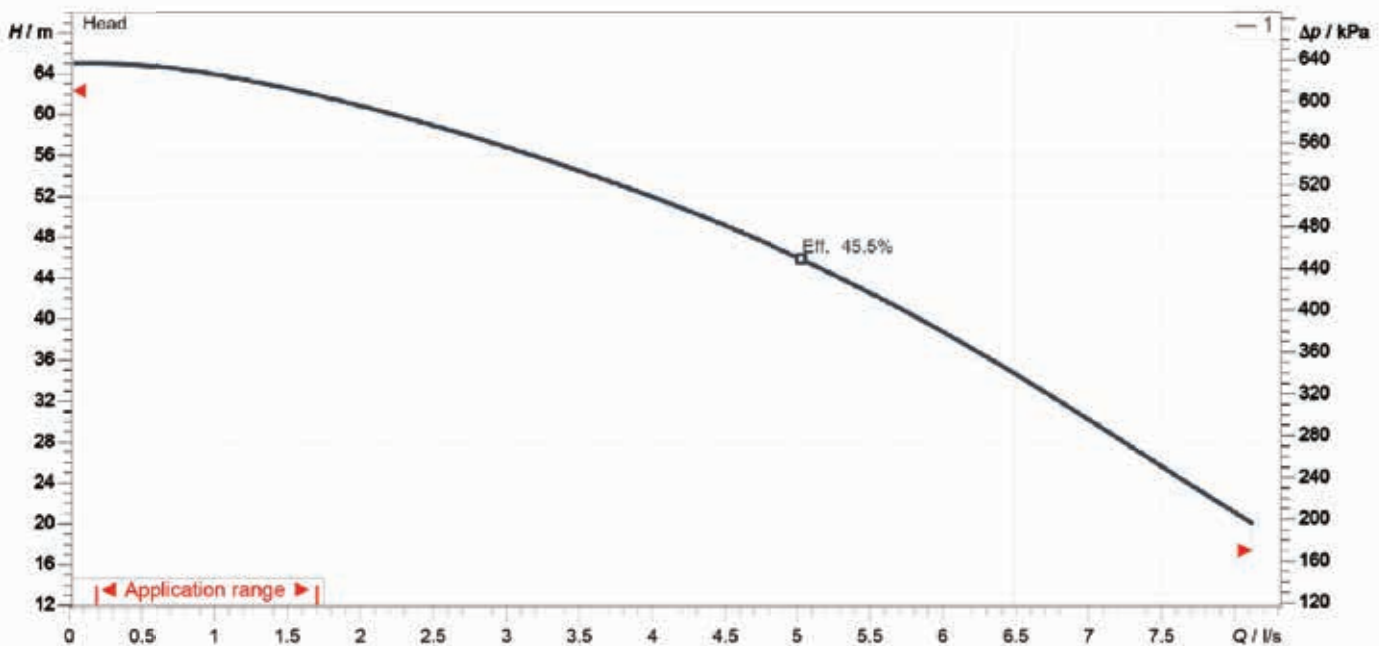
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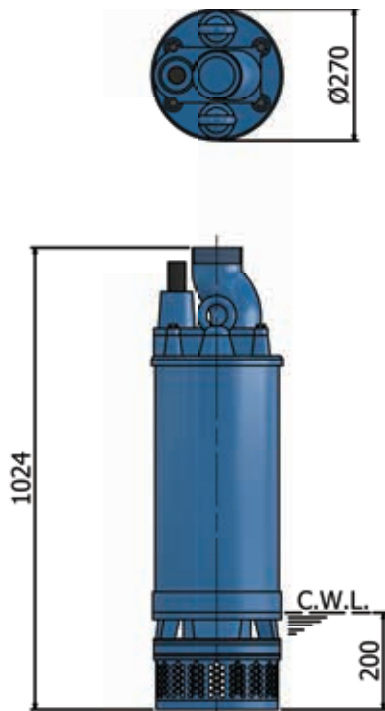
HEAD	65.0m	RATED POWER	5.50kW
FLOW	8.1 l/s	SPEED	2825 1/min
MAX. SOLID HANDLING	6mm		
SUITABLE FOR	Small long discharge hose applications, dirty water and sandy water		
RATED POWER	5.50kW		
RATED CURRENT	11A		
CABLE	20m NSSHÖU 4Cx2,5mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	2" (50mm) BS-coupling (threaded flange)		
WEIGHT	80kg		

PERFORMANCE CURVE





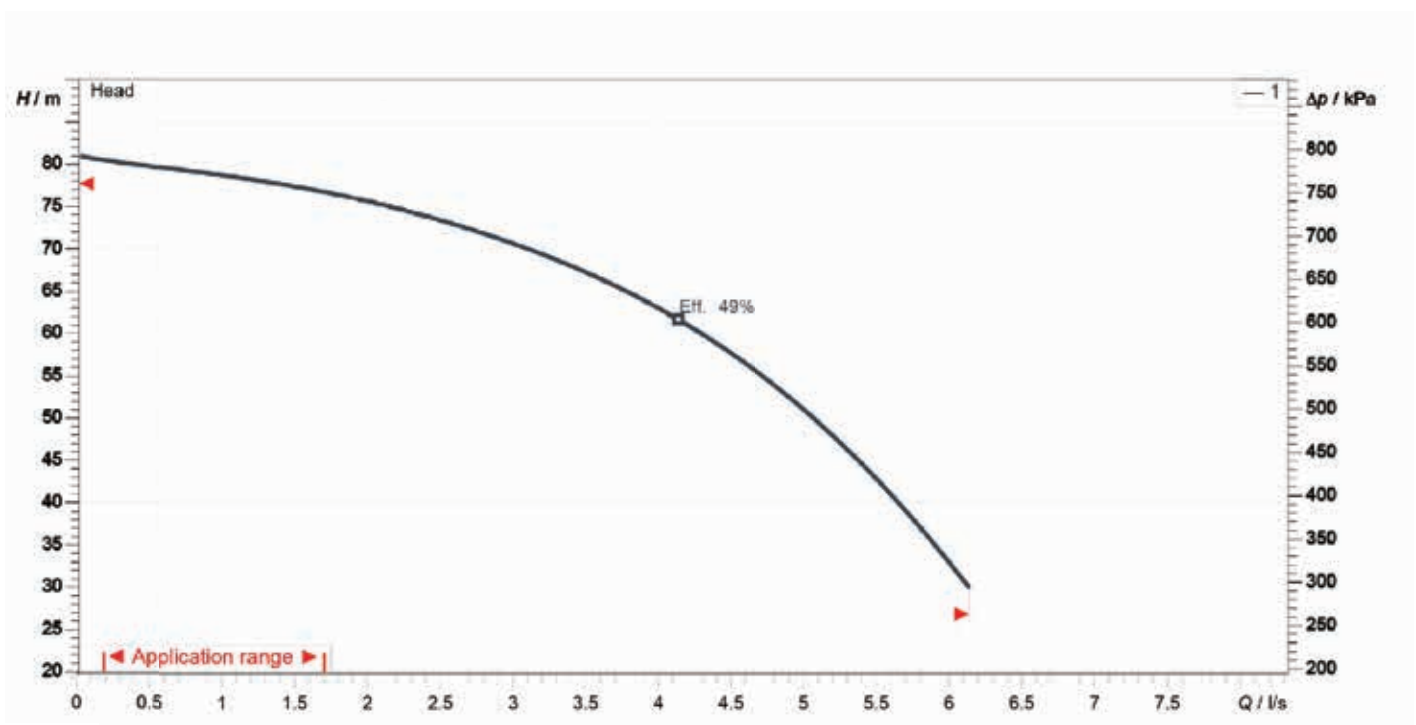
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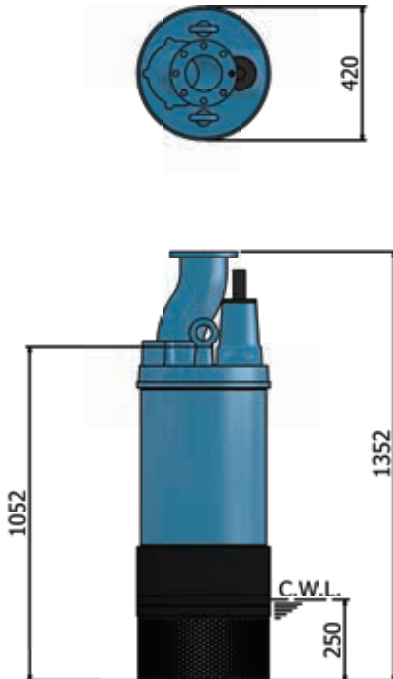
HEAD	81.0m	RATED POWER	11.0kW
FLOW	11.6 l/s	SPEED	2890 1/min
MAX. SOLID HANDLING	8.5mm		
SUITABLE FOR	Small long discharge hose applications, dirty water and sandy water		
RATED POWER	11.0kW		
RATED CURRENT	22A		
CABLE	20m NSSHÖU 4Cx4mm ²		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	3" (80mm) BS-coupling (threaded flange)		
WEIGHT	130kg		

PERFORMANCE CURVE





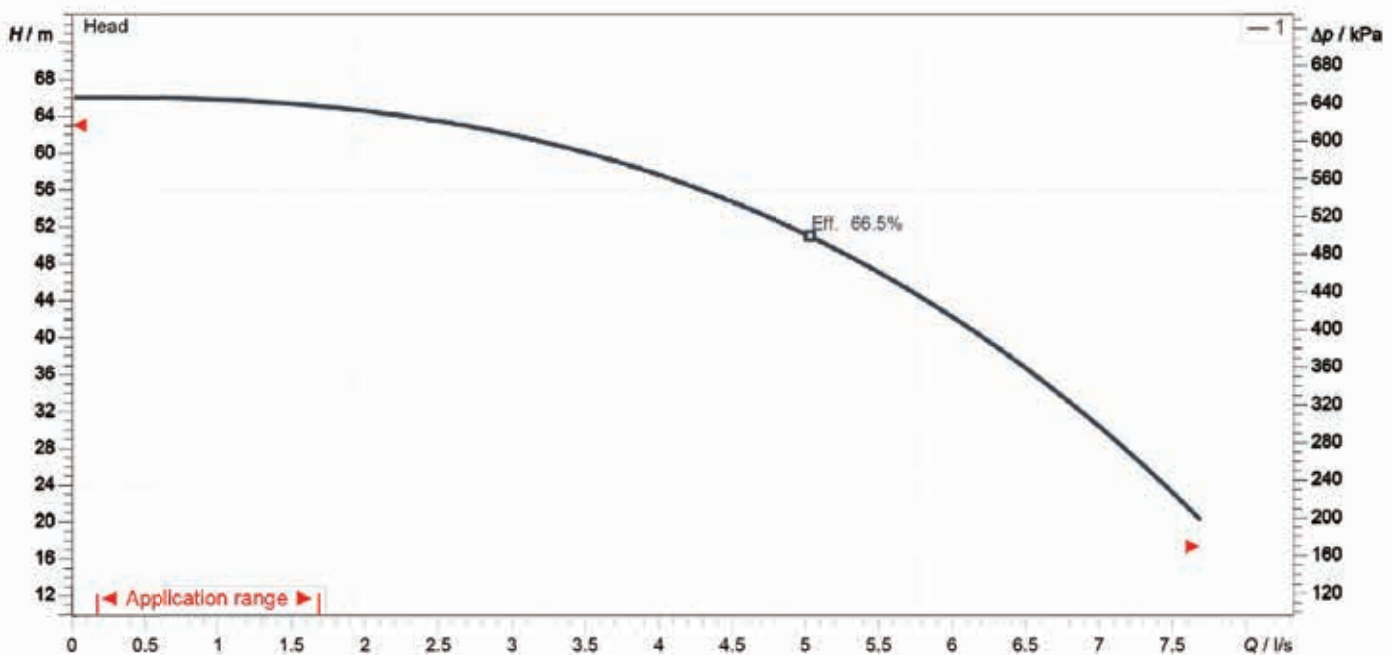
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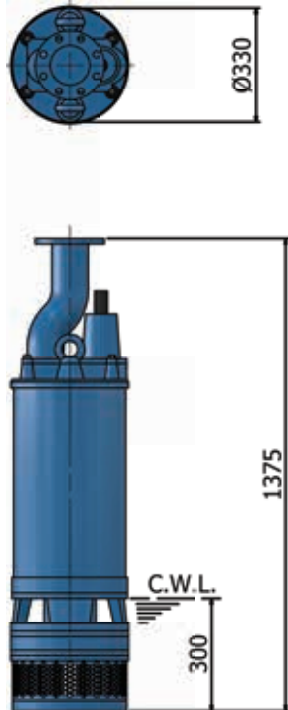
HEAD	66.0m	RATED POWER	22.0kW
FLOW	40.0 l/s	SPEED	2910 1/min
MAX. SOLID HANDLING	6mm		
SUITABLE FOR	Small long discharge hose applications, dirty water and sandy water		
RATED POWER	22.0kW		
RATED CURRENT	40.5A		
CABLE	20m NSSHÖU 4Cx10mm ²		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	100mm JIS10K flange		
WEIGHT	350kg		

PERFORMANCE CURVE





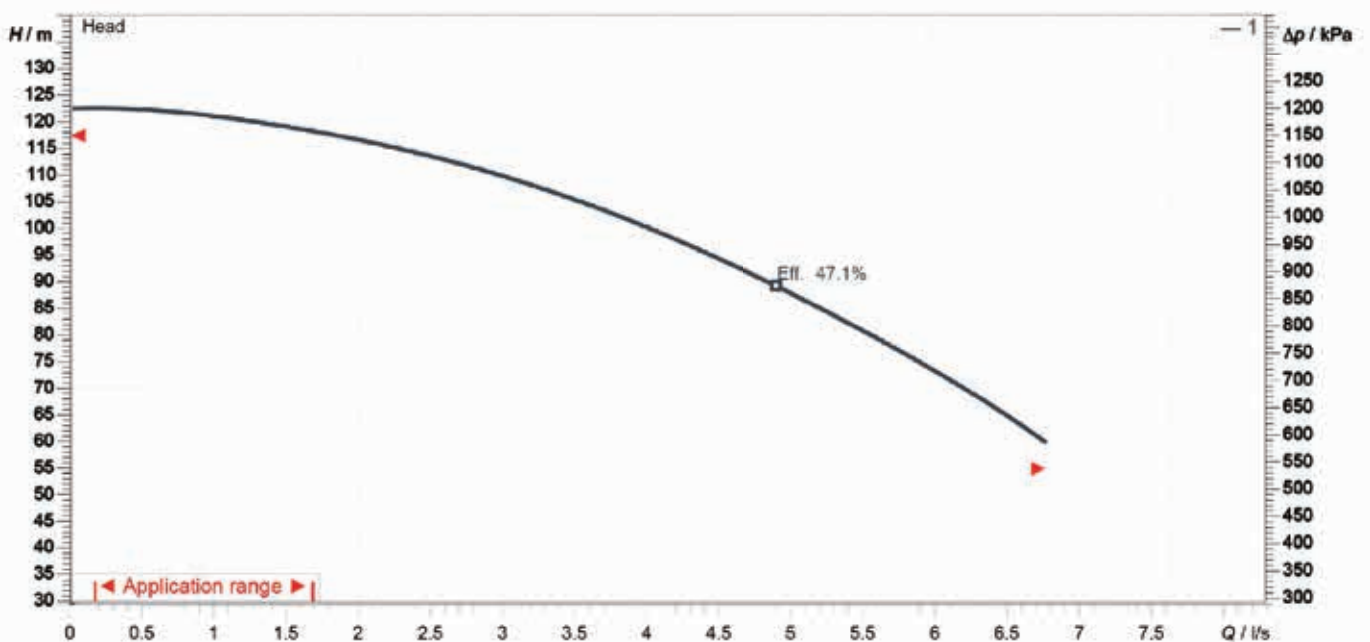
DIMENSIONS



SPECIFICATIONS

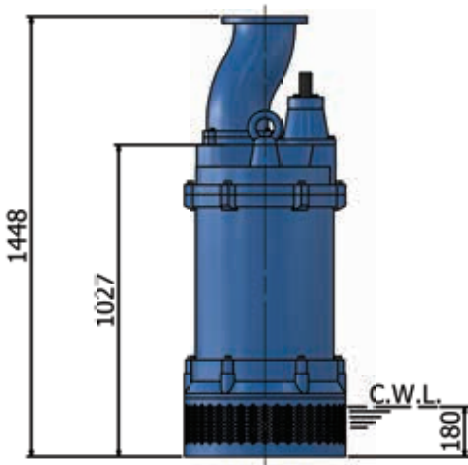
HEAD	122.5m	RATED POWER	30.0kW
FLOW	20.4 l/s	SPEED	2900 1/min
MAX. SOLID HANDLING	8.5mm		
SUITABLE FOR	Small long discharge hose applications, dirty water and sandy water		
RATED POWER	30.0kW		
RATED CURRENT	53A		
CABLE	20m NSSHÖU 7Cx35mm ² + 3x2 5mm ² ST		
IMPELLER MATERIAL	Chromium Iron HiCrFC		
DISCHARGE SIZE	100mm JIS20K flange		
WEIGHT	324kg		

PERFORMANCE CURVE





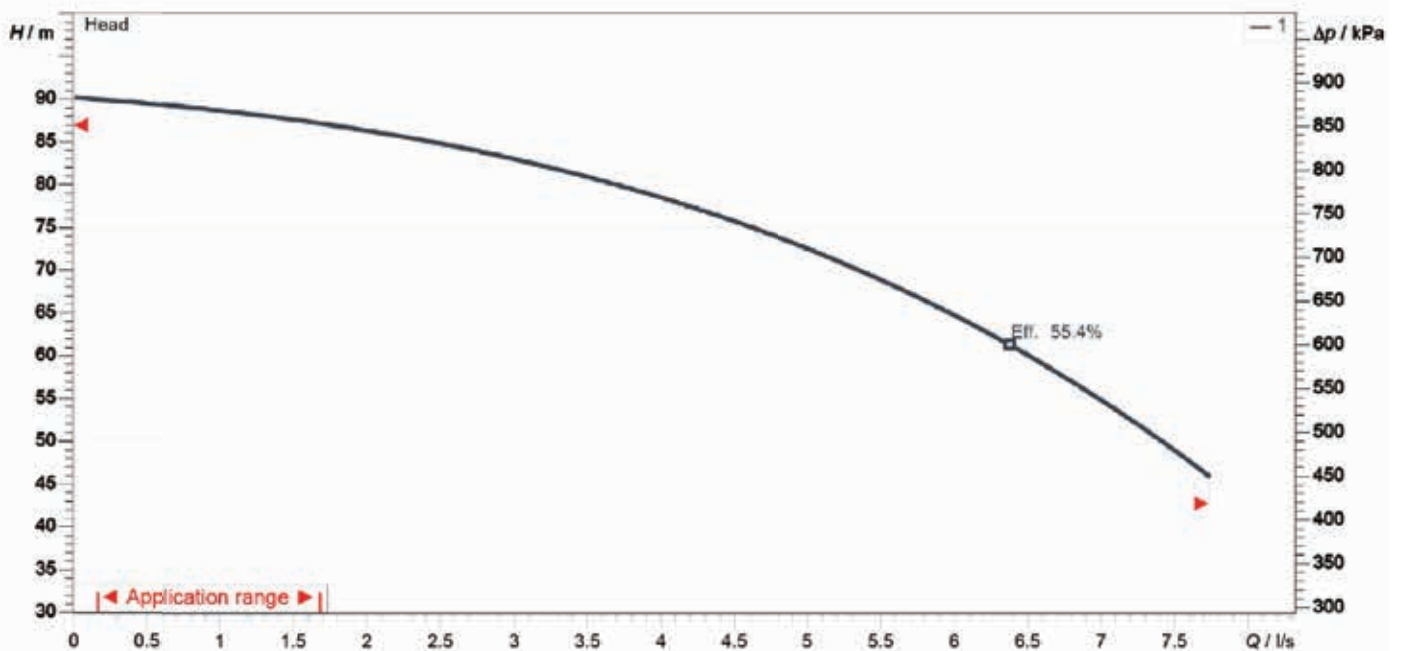
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SPECIFICATIONS

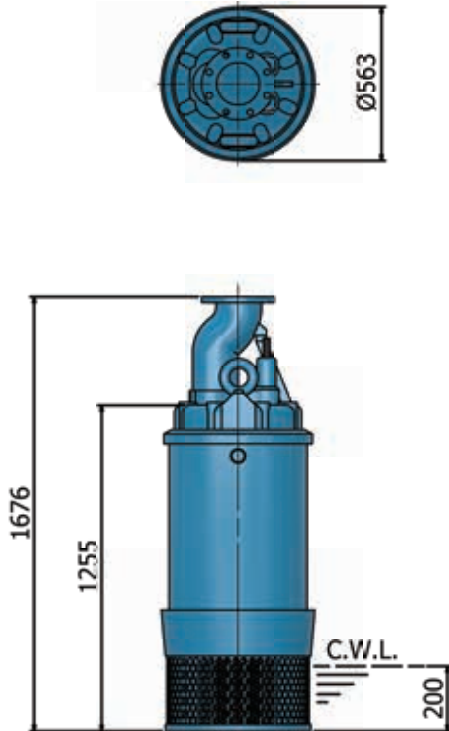
HEAD	90.2m	RATED POWER	45.0kW
FLOW	49.6 l/s	SPEED	2940 1/min
MAX. SOLID HANDLING	6mm		
SUITABLE FOR	Small long discharge hose applications, dirty water and sandy water		
RATED POWER	45.0kW		
RATED CURRENT	81A		
CABLE	20m NSSHÖU 7Cx35mm ² + 3x2 5mm ² ST		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	150mm JIS10K flange		
WEIGHT	510kg		

PERFORMANCE CURVE





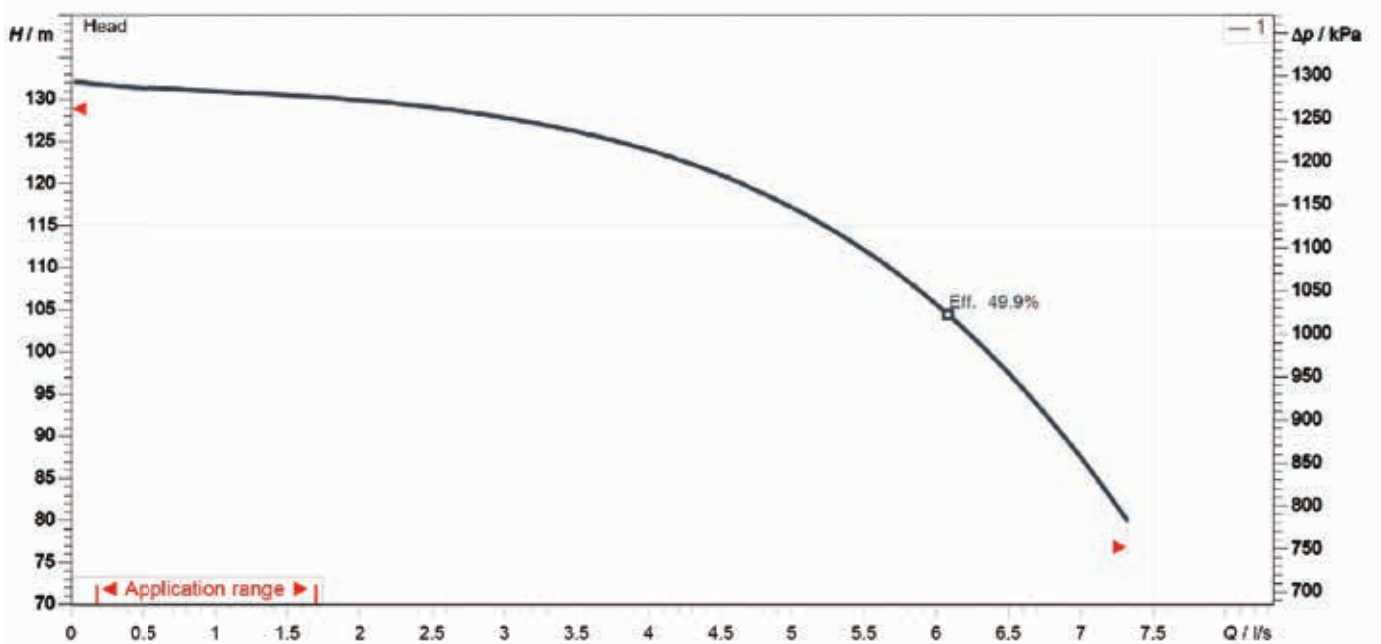
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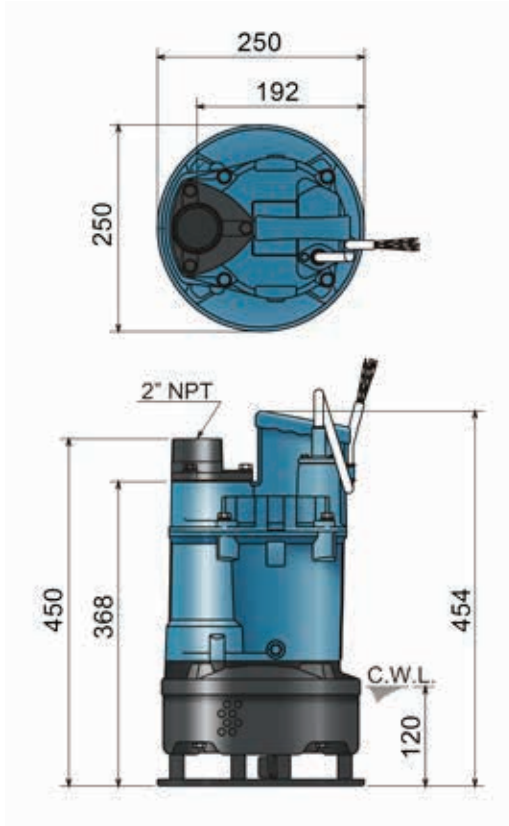
HEAD	132.1m	RATED POWER	75.0kW
FLOW	41.0 l/s	SPEED	2940 1/min
MAX. SOLID HANDLING	6mm		
SUITABLE FOR	Small long discharge hose applications, dirty water and sandy water		
RATED POWER	75.0kW		
RATED CURRENT	130A		
CABLE	20m NSSHÖU 7Cx35mm ² + 3x2 5mm ² ST		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	150mm JIS20K flange		
WEIGHT	865kg		

PERFORMANCE CURVE





DIMENSIONS



SPECIFICATIONS

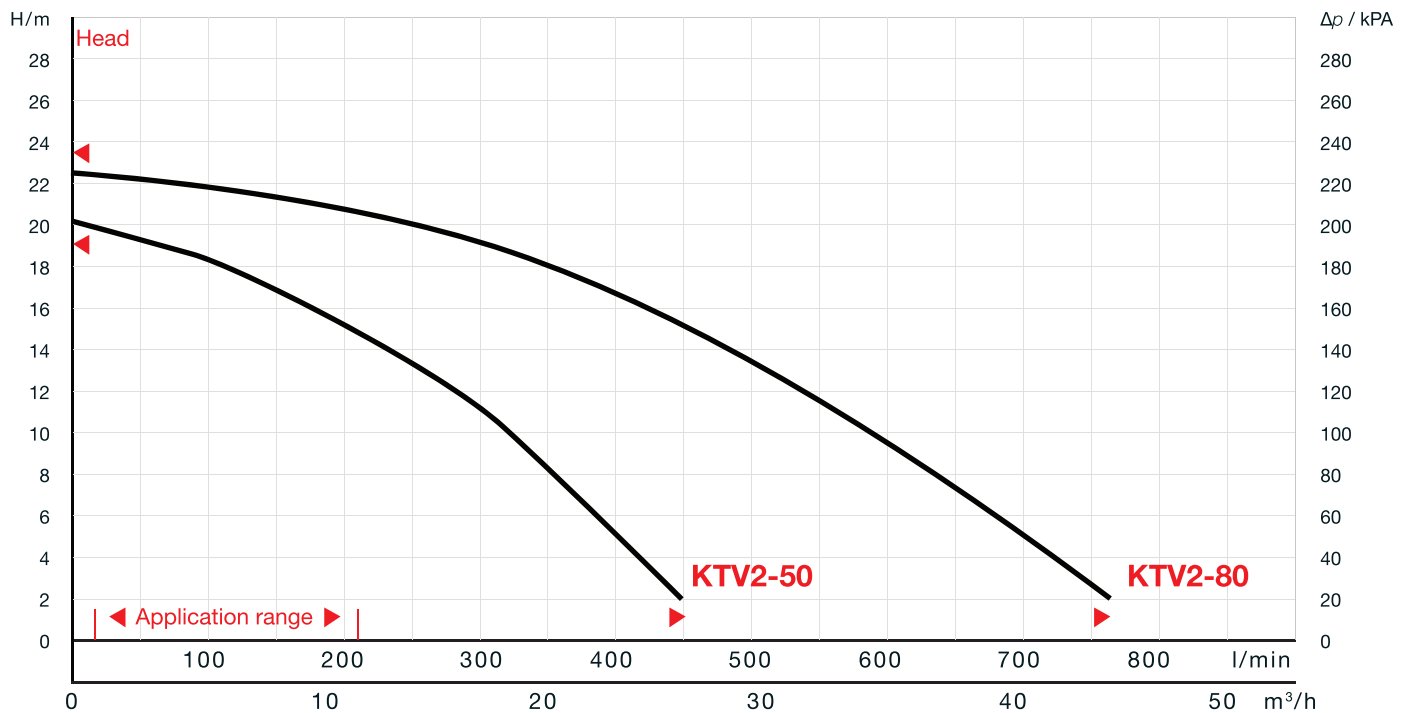
**GREAT FOR
CLEANING**

**SLUDGES OUT OF
FISH TANKS**



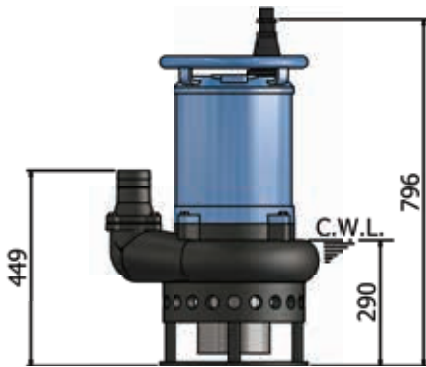
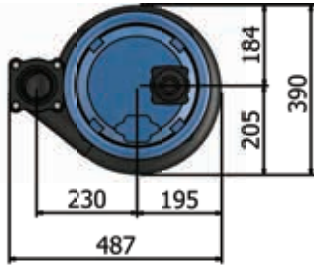
HEAD	20.0m	RATED POWER	2.0kW
FLOW	420 l/min	SPEED	2850 1/min
MAX. SOLID HANDLING	10mm		
SUITABLE FOR	Thick sludges, slurry build-up in fish tanks, wedge pits		
RATED POWER	2.0kW		
RATED CURRENT	7.0A		
CABLE	20m		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	2" (50, 80mm) Threaded flange / Hose coupling (optional)		
WEIGHT	25kg		

PERFORMANCE CURVE





DIMENSIONS



SPECIFICATIONS

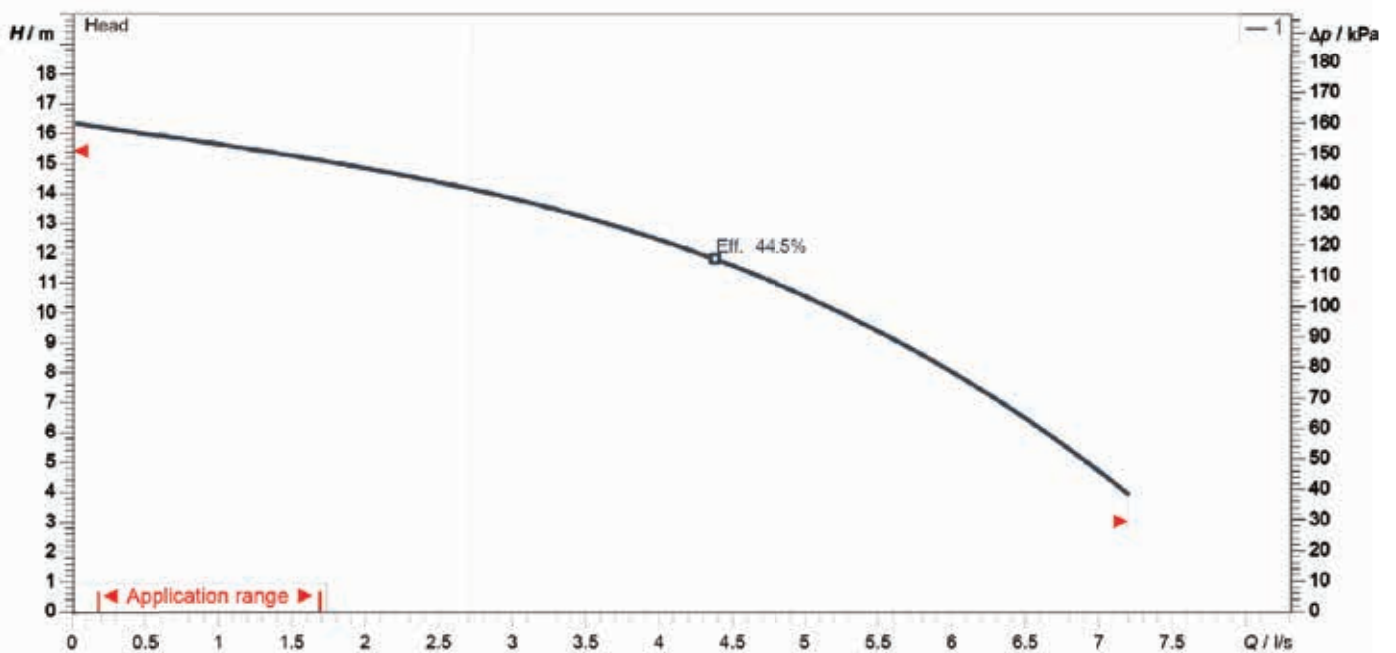


SCAN TO WATCH THIS PUMP IN ACTION.



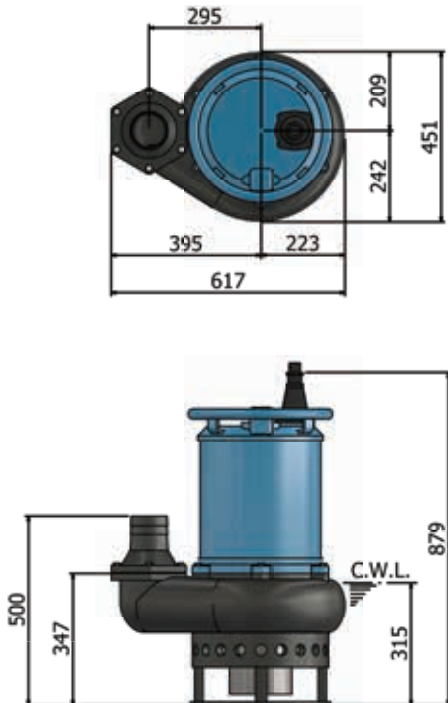
HEAD	16.4m	RATED POWER	5.5kW
FLOW	31.8 l/s	SPEED	1435 1/min
MAX. SOLID HANDLING	30mm		
SUITABLE FOR	Thick sludges, slurry build-up in fish tanks, wedge pits		
RATED POWER	5.5kW		
RATED CURRENT	12.1A		
CABLE	20m NSSHÖU 4Cx2,5mm ²		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	3" (80mm) BS-coupling / Hose coupling (optional)		
WEIGHT	145kg		

PERFORMANCE CURVE





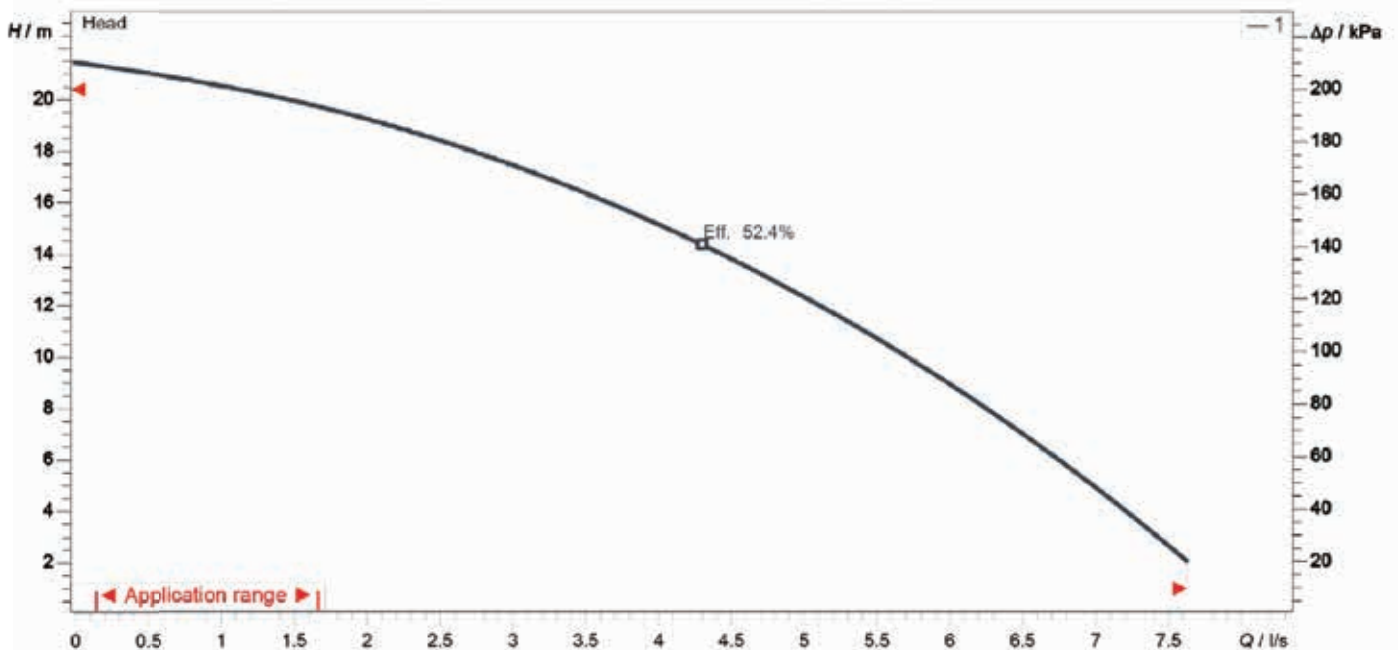
DIMENSIONS



SPECIFICATIONS

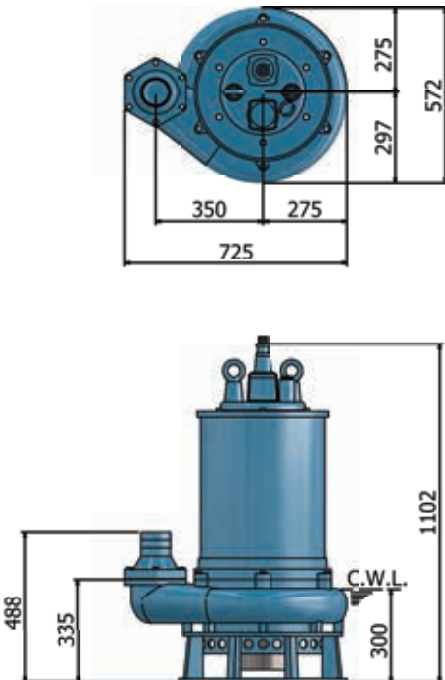
HEAD	21.5mm	RATED POWER	15kW
FLOW	68.5 l/s	SPEED	1450 1/min
MAX. SOLID HANDLING	30mm		
SUITABLE FOR	Thick sludges, slurry build-up in fish tanks, wedge pits		
RATED POWER	15kW		
RATED CURRENT	25.8A		
CABLE	20m NSSHÖU 4Cx6mm ²		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	4" (100mm) BS-coupling / Hose coupling (optional)		
WEIGHT	220kg		

PERFORMANCE CURVE





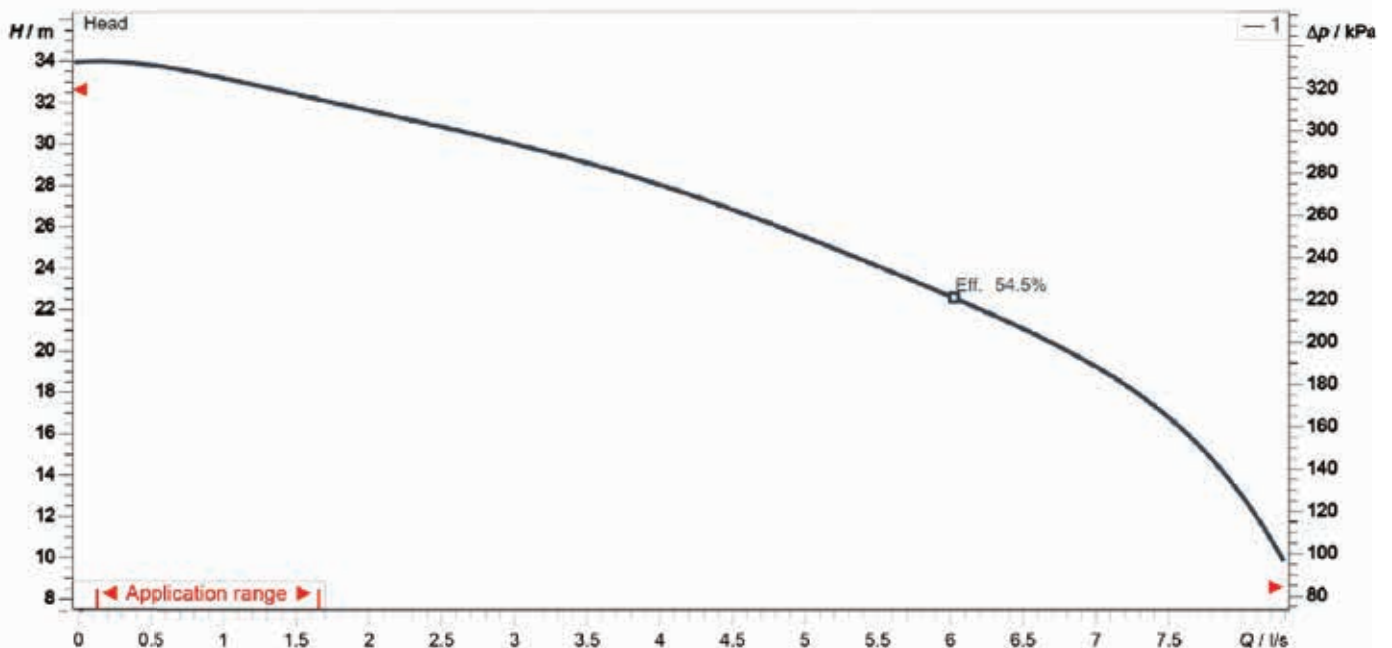
DIMENSIONS



SPECIFICATIONS

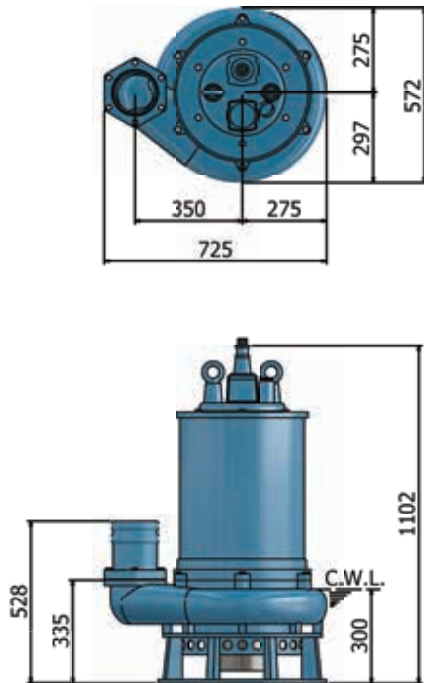
HEAD	34.0m	RATED POWER	22.0kW
FLOW	61.7 l/s	SPEED	1455 1/min
MAX. SOLID HANDLING	30mm		
SUITABLE FOR	Thick sludges, slurry build-up in fish tanks, wedge pits		
RATED POWER	22.0kW		
RATED CURRENT	42.5A		
CABLE	20m NSSHÖU 4Cx10mm ² +3x1,5ST		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	4" (100mm) BS-coupling / Hose coupling (optional)		
WEIGHT	415kg		

PERFORMANCE CURVE





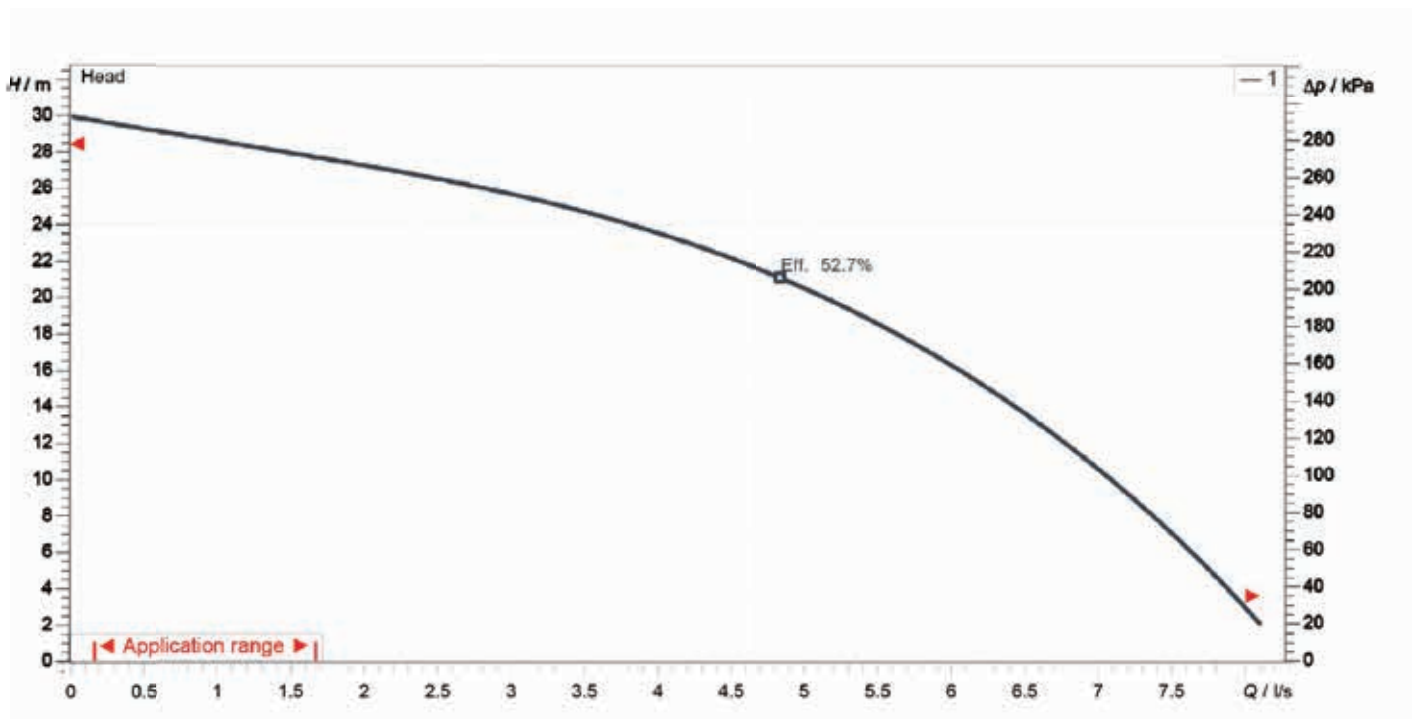
DIMENSIONS



SPECIFICATIONS

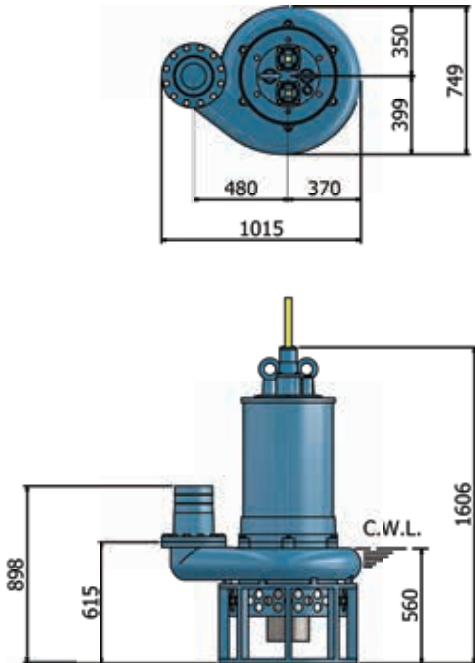
HEAD	30.0m	RATED POWER	22.0kW
FLOW	83.2 l/s	SPEED	1455 1/min
MAX. SOLID HANDLING	30mm		
SUITABLE FOR	Thick sludges, slurry build-up in fish tanks, wedge pits		
RATED POWER	22.0kW		
RATED CURRENT	42.5A		
CABLE	20m NSSHÖU 4Cx10mm ² +3x1,5ST		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	6" (150mm) BS-coupling / Hose coupling (optional)		
WEIGHT	415kg		

PERFORMANCE CURVE





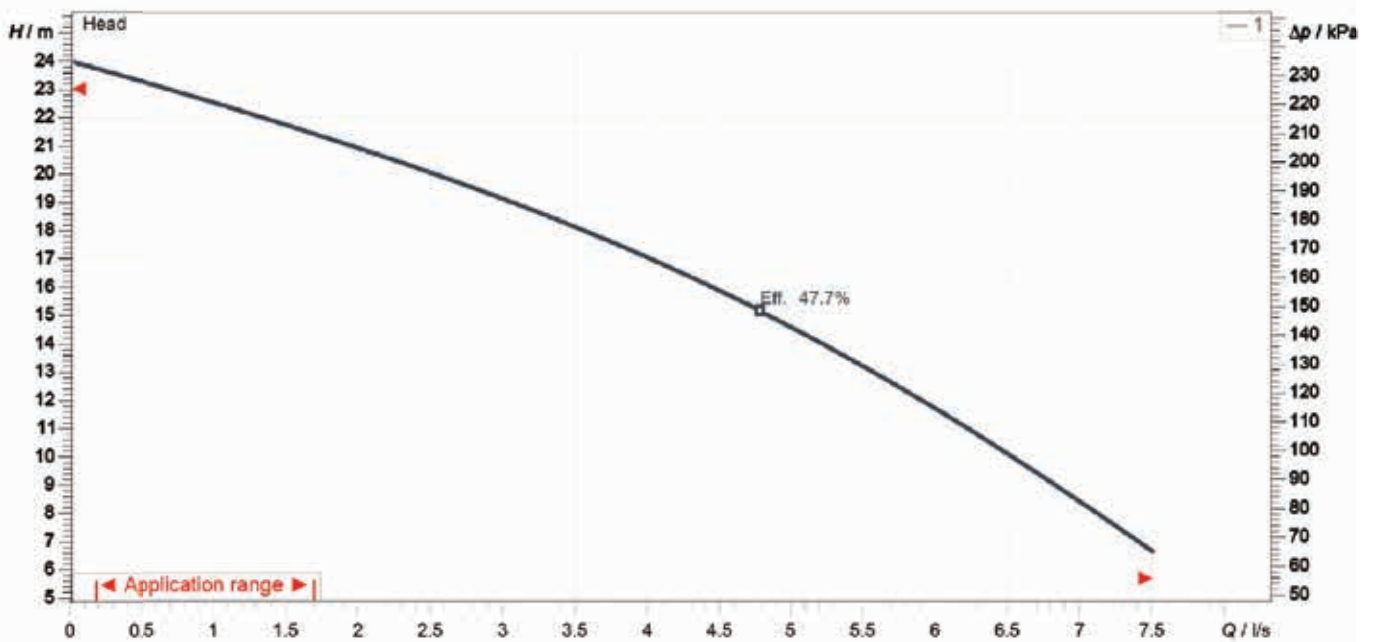
DIMENSIONS



SPECIFICATIONS

HEAD	24.0m	RATED POWER	37.0kW
FLOW	150.2 l/s	SPEED	970 1/min
MAX. SOLID HANDLING	46mm		
SUITABLE FOR	Thick sludges, slurry build-up in fish tanks, wedge pits		
RATED POWER	37.0kW		
RATED CURRENT	74A		
CABLE	20m NSSHÖU 4Cx10mm ² +3x1,5ST / 20m NSSHÖU 4Cx10mm ²		
IMPELLER MATERIAL	Chromium iron casting		
DISCHARGE SIZE	8" Hose connection		
WEIGHT	815kg		

PERFORMANCE CURVE





ALL-PUMPS SMART BOX

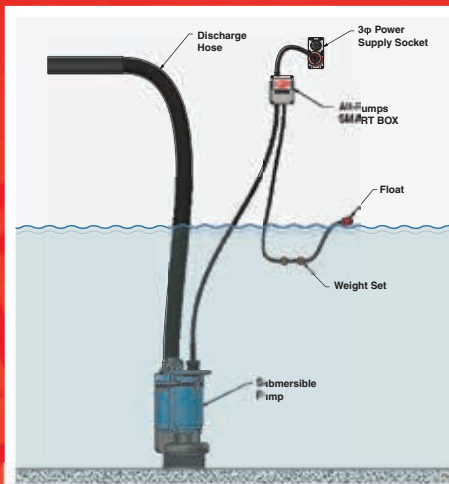
1.5 -11KW 415V 50HZ

Control your pump with the float control box (Smart Box) manufactured by All-Pumps Sales & Service.

- ✓ Compact inline connection supplied with 3-phase plug.
- ✓ 20-metre float gives ample length to place the float correctly.
- ✓ Overload protection incorporated in the Smart Box.
- ✓ IP66 rated enclosure for harsh wet conditions.
- ✓ Internal circuit protection provides low 24vac voltage to the float for greater site safety.

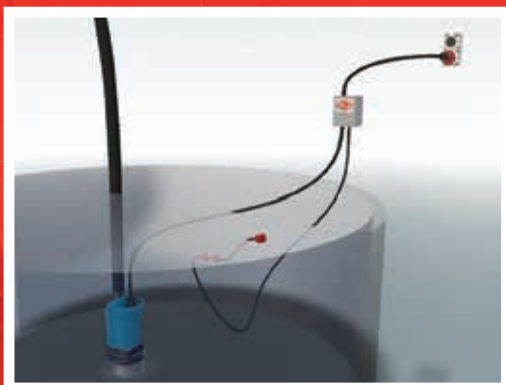
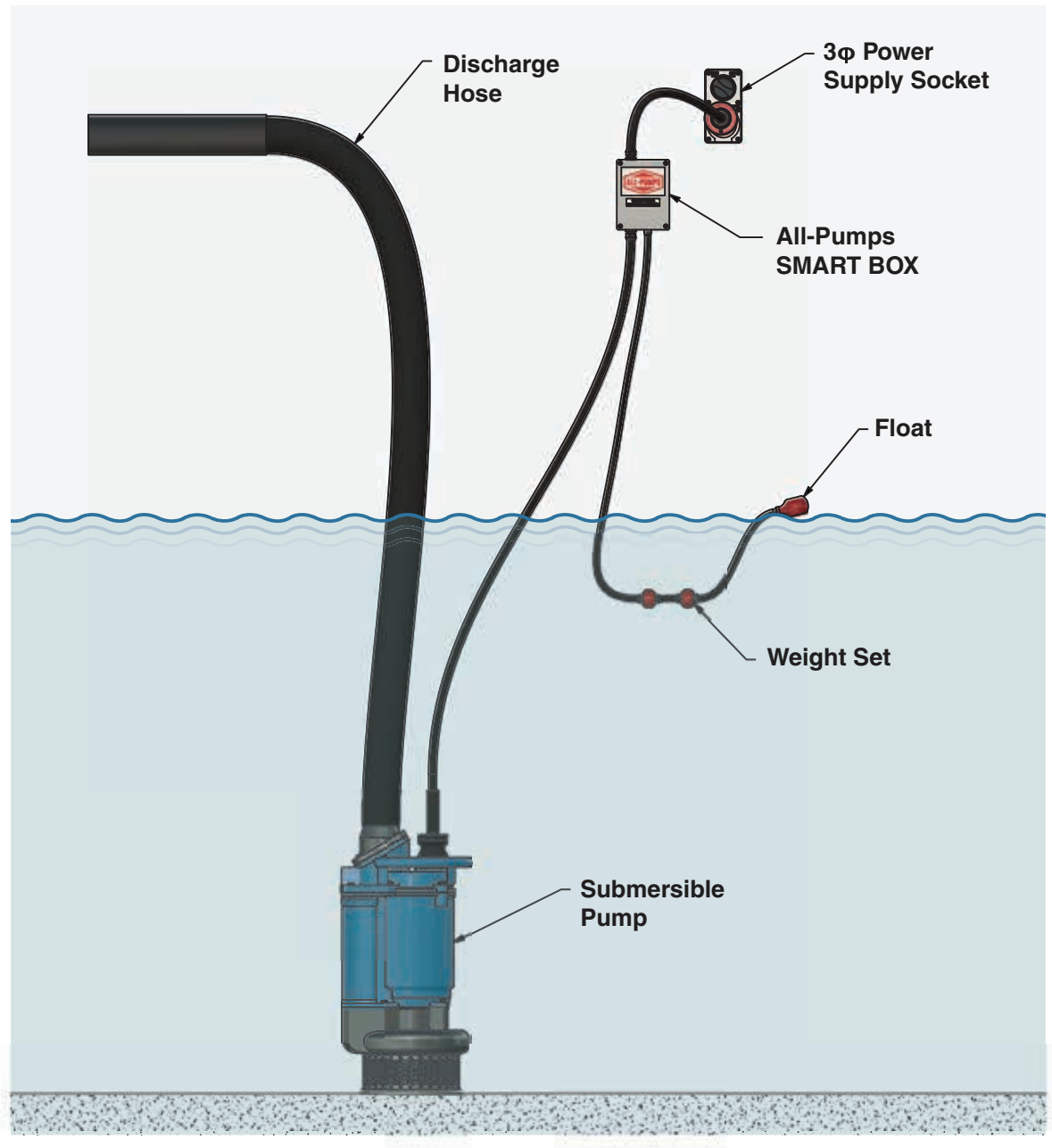


TSURUMI KTZ411-53
Construction Dewatering Submersible Pump





INSTALLATION DIAGRAM



CHANGE YOUR UNCONTROLLABLE 3-PHASE PUMP TO A CONTROLLABLE PUMP WITH ALL-PUMPS' NEW SMART BOX.



WE'RE ALL ABOUT EXPERIENCE.

Silverwater NSW 2128 | sales@allpumps.com.au | 1300 255 786

allpumps.com.au



SUBMERSIBLE PUMP SMART CONTROL PANELS

- SUBSTANTIALLY INCREASES RELIABILITY
- CAN SAVE THE PUMP FROM BEING REPAIRED MULTIPLE TIMES OVER A PROJECT
- SMARTEST SNORE RELAY AVAILABLE
- QUICK LEAD TIMES
- MOUNTED AS STANDARD IN A PROTECTIVE CAGE



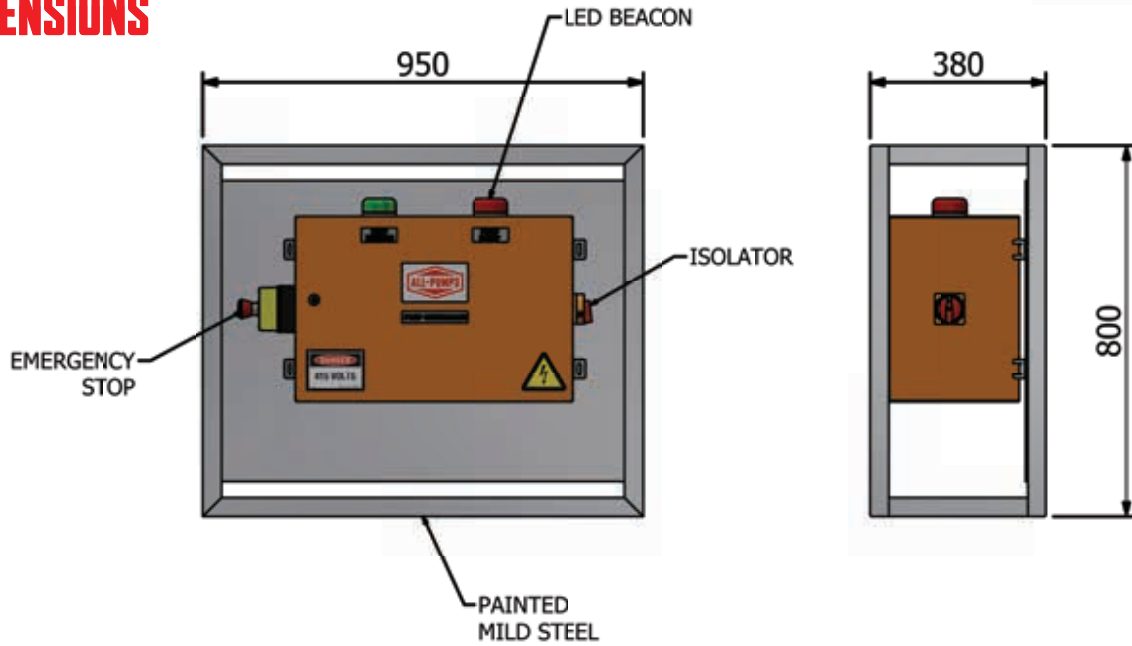
WE'RE ALL ABOUT EXPERIENCE.



SUBMERSIBLE PUMP SMART CONTROL PANELS



DIMENSIONS



STANDARD CONTROL PANEL WITH SMART 2IB STARTER AND WEG SOFT STARTER.

CP-SUB-2IB SNORE-11.0	To suit pumps up to 11kW
CP-SUB-2IB SNORE-22.0	To suit pumps up to 22kW
CP-SUB-2IB SNORE-45.0	To suit pumps up to 45kW
CP-SUB-2IB SNORE-11.0 D	Dual panel up to 11kW



**EXCEPTIONAL
QUALITY**



**PROVEN
DESIGN**



**MADE IN
AUSTRALIA**



**NATIONWIDE
DELIVERY**

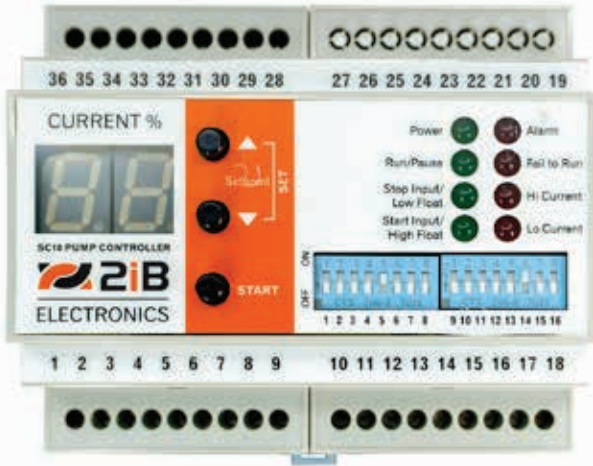


SC10 PUMP SNORE CONTROLLER 2IB CONTROLLER

FEATURES

THE SAFEST

**SNORE CONTROL
RELAY ON THE
MARKET.**

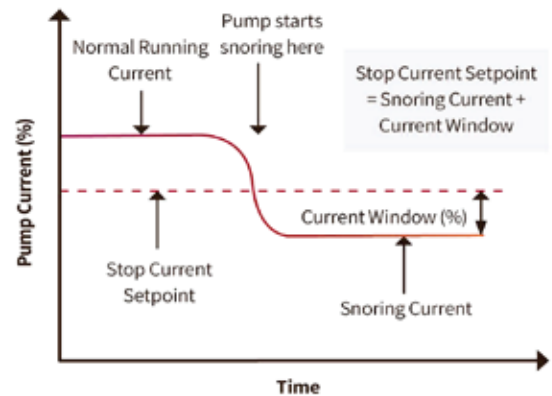


- Designed to maximise operator safety
- Pump current reference display
- Analogue input scaling input via dip switches
- Quick push button set point setting
- Multiple input control options
- Local and remote stop and start capable
- Multiple alarm output selection
- Multiple control options

SPECIFICATIONS

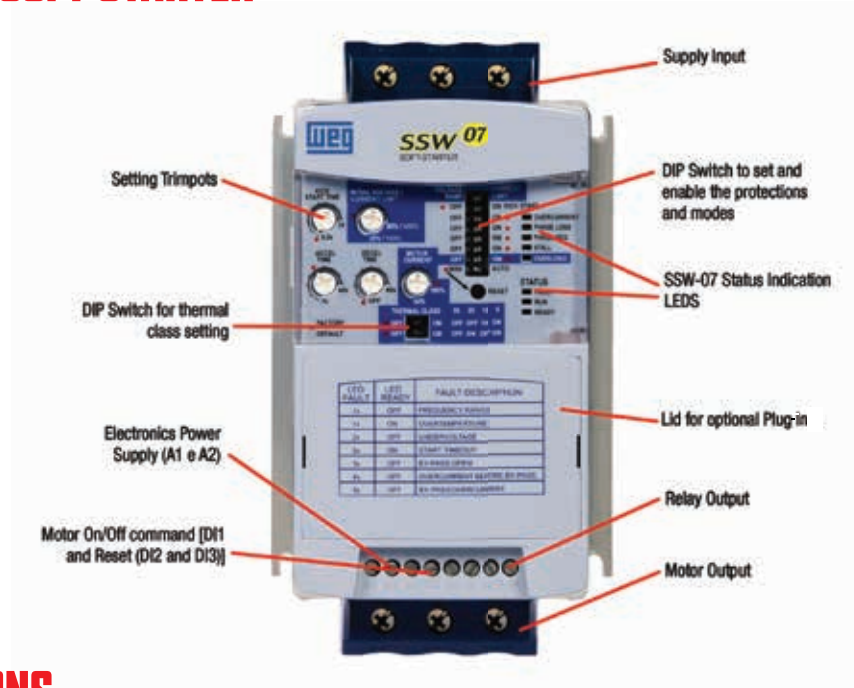
Supply Voltage	24 VAC/DC
Frequency	45–65 Hz
Power Consumption	<10VA
Motor Current Sensor	4-20mA input CT. Range to suit attached load. SC10 provides 24VDC drive for CT.
Operating Temp	0-55 Degrees Celsius
Run Relay Contact Rating	5 A, 48 VAC Resistive, 1.5 A 48 VAC Pilot duty / AC12
Alarm Contact Rating	5 A, 48 VAC Resistive, 1.5 A 48 VAC Pilot duty / AC12
Dimensions	W 106.25mm x H 90.20mm x D 59mm
Material	PC/ABS
Mounting	35mm din rail mounted
Weight	300 g
Certification	EN 61000-6-3:2007 +A1+AC FCC Part 15B

STOP CURRENT SETPOINT





WEG SSW07 SOFT STARTER



SPECIFICATIONS

POWER SUPPLY			
Power	220-575 VAC (-15% to +10%) or 187-632 VAC		
Control Voltage	For models from 17A to 200A:	110-240 VAC (-15% to +10%, or 94-264 VAC)	
	For models from 255A to 412A:	110-130 VAC (-15% to +10%, or 94-143 VAC)	
Frequency	50/60 Hz +/- 10% (45 to 66 Hz)		
Enclosure	Injected plastic. IP20 in models from 17A to 85A; IP00 in models from 130A to 412A (IP20 as an option)		
CONTROL			
Method	Voltage variation over the load (3-phase induction motor)		
CPU	CPU DSP type microcontroller (Digital Signal Processor)		
Types of Control	Voltage ramp, current limit		
CAPACITY			
MODELS	17A to 30A	Max number of starts per hour	10x (1 every 6 minutes)
	45A to 200A	(Without ventilation)	3x (1 every 20 minutes)
	255A to 41A	Max number of starts per hour	10x (1 every 6 minutes)
	45A to 200A	(With optional ventilation kit)	10x (1 every 6 minutes)
		START CYCLE:	3x In of the SSW07 during 30 seconds

FISH TANKS



- STOCK AND AVAILBLITY
- NARROW AND EASY TO STORE ON SIDE OF TUNNEL
- QUALITY MADE IN AUSTRALIA
- EASY-DRAIN VALVES



WE'RE ALL ABOUT EXPERIENCE.



FISH TANKS



INNER DIMENSIONS

Without Skid

CAPACITY	LENGTH (mm)	WIDTH (mm)	DEPTH (mm)
3000 Li / 3m ³	1895	1075	1280
5000 Li / 5m ³	2660	1500	1500
9000 Li / 9m ³	3600	1800	1500
15000 Li / 17m ³	5700	2000	1500
33000 Li / 33m ³	7000	2010	2350

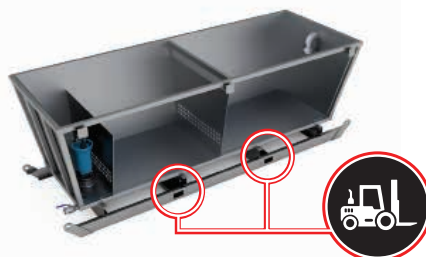
OVERALL OUTER DIMENSIONS

CAPACITY	LENGTH (mm)	WIDTH (mm)	DEPTH (mm)	APPROX. WEIGHT W/ SKID (KG)
3000 Li / 3m ³	2000	1200	1430	1000
5000 Li / 6m ³	2746	1596	1710	1400
9000 Li / 9m ³	3710	1910	1860	2100
15000 Li / 17m ³	5876	2176	1750	3600
33000 Li / 33m ³	7176	2186	2600	Available on request
STEEL GRADE PLATE	AS/NZS 1594-HA250			
STEEL GRADE STRUCTURAL	AS/NZS 3679.1-300, AS1163-C350L0			
FINISH	HOT-DIPPED/PAINTED			

ADDITIONAL FEATURES



FULLY-WELDED BODY



INTEGRATED FORKLIFT POCKETS



EXCEPTIONAL QUALITY



PROVEN DESIGN



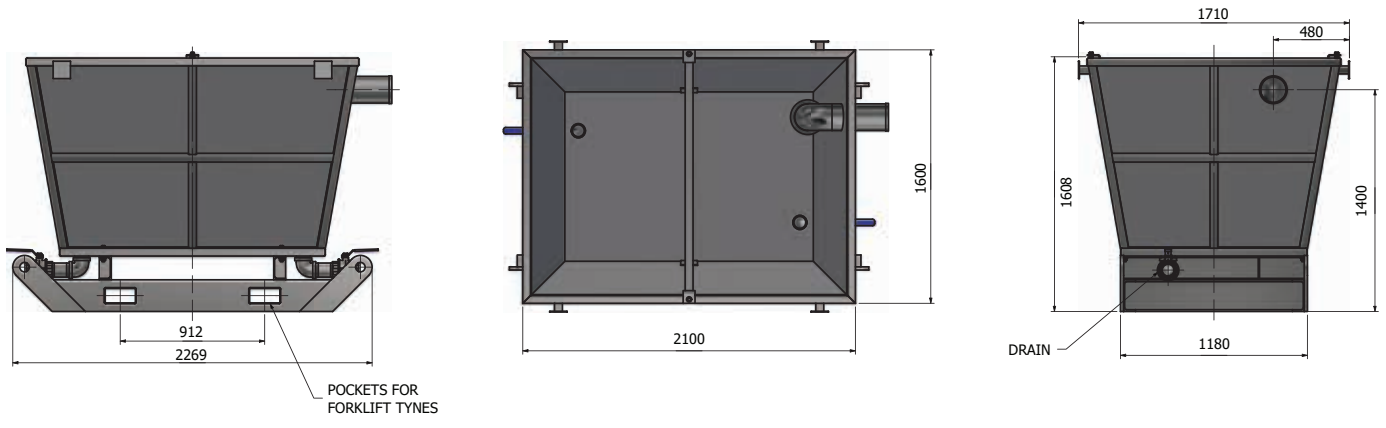
NATIONWIDE DELIVERY



3KL

ALL FISH TANKS
ARE BUILT WITH A WEIR WALL FOR PRIMARY TREATMENT OF SOLIDS SETTLEMENT.

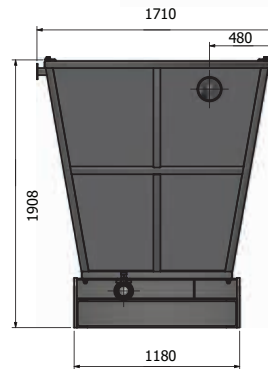
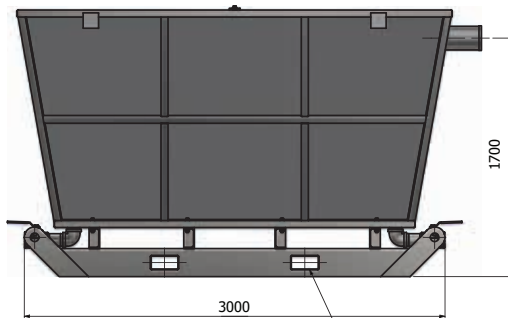
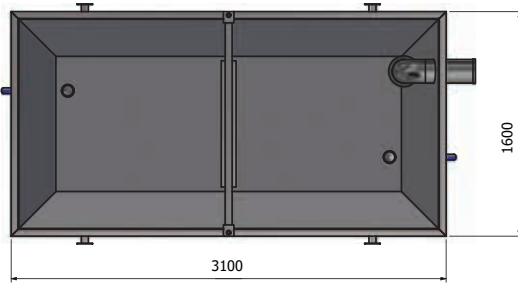
ASK ABOUT OUR
FISH TANK PACKAGE
AND SAVE \$\$\$!



- Actual product could vary from the illustrations.
- Skid is optional, removable and additional partitions are available options.
- Made of painted mild steel.

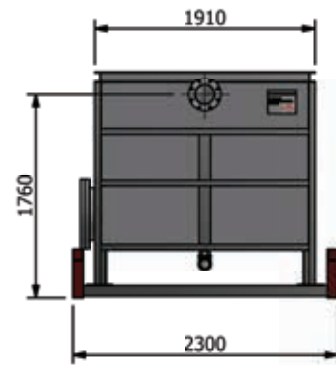
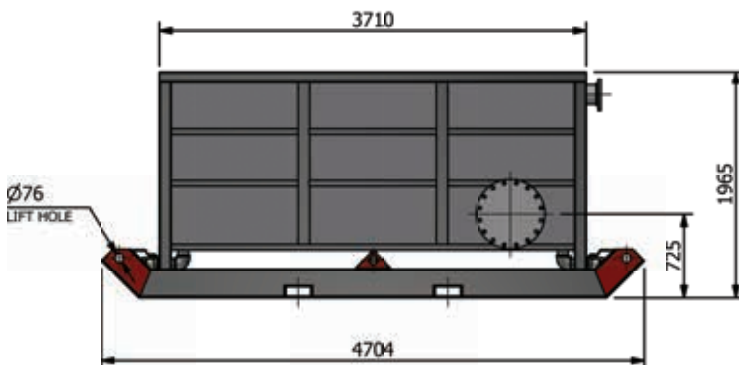
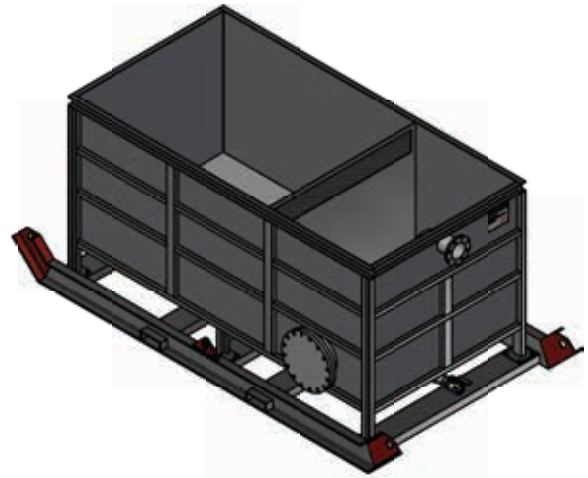
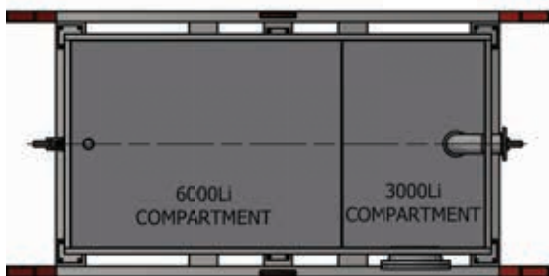


5KL



POCKETS FOR FORKLIFT TYNES

9KL

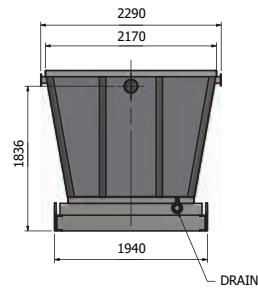
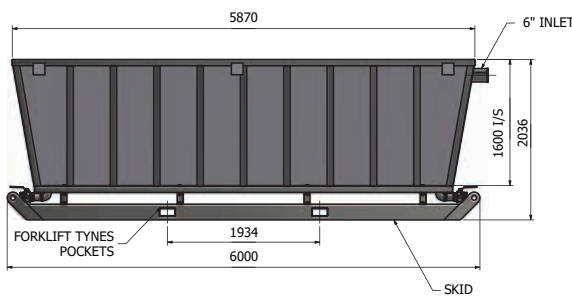
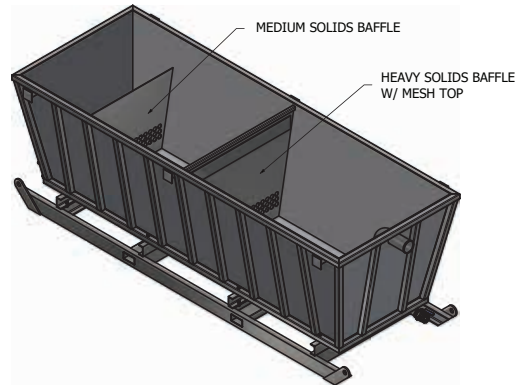
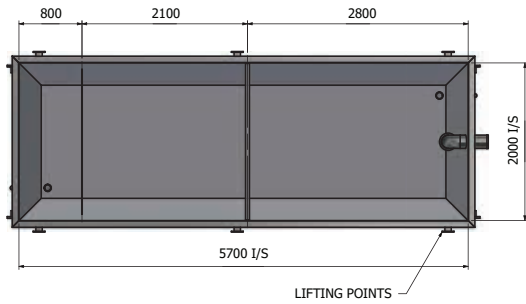


- Actual product could vary from the illustrations.
- Skid is optional, removable and additional partitions are available options.
- Made of painted mild steel.

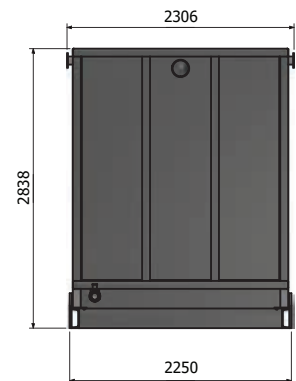
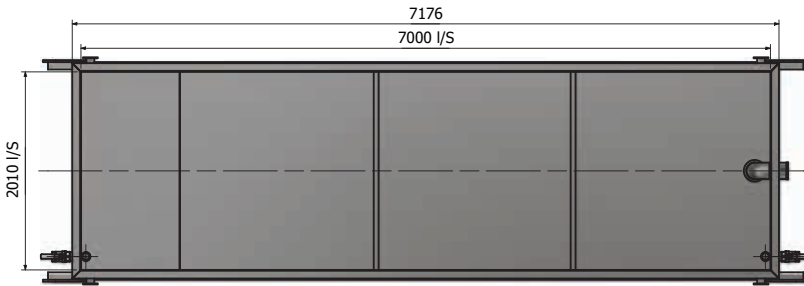
FISH TANKS



15KL



33KL



- Actual product could vary from the illustrations.
- Skid is optional, removable and additional partitions are available options.
- Made of painted mild steel.

AIR-OPERATED DIAPHRAGM PUMPS



- MOST RELIABLE AIR VALVE ON THE MARKET
- FEWEST PARTS AND LOWEST COST TO REPAIR
- LOWEST COST OF OWNERSHIP
- IN-STOCK AND READY TO GO IN A ROLL-FRAME
- ABRASIVE AND OIL-RESISTANT DIAPHRAGMS – GEOLAST®





**BUILT W/ GEOLAST[®]
ABRASIVE &
OIL-RESISTANT
DIAPHRAGMS**



**2150 LP - FLAP VALVE
2150 - BALL VALVE**

2150 LARGE PARTICLE

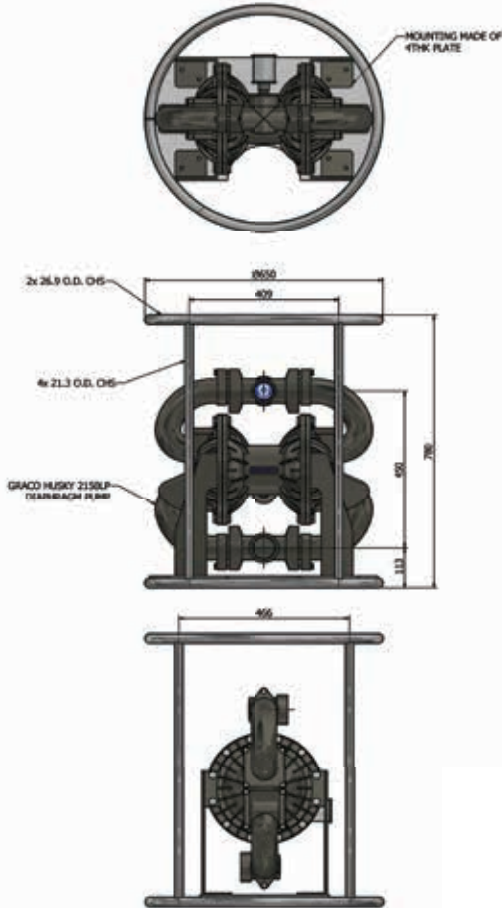


DIMENSIONS

SPECIFICATIONS

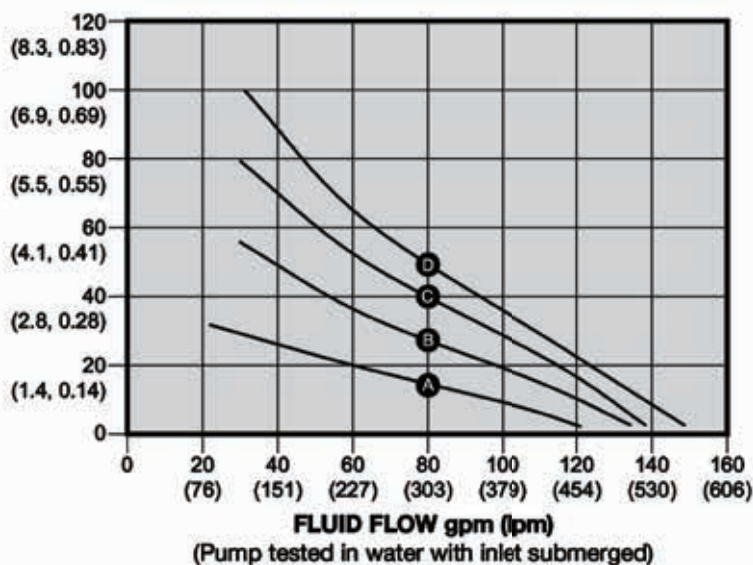
**INCREASED
RELIABILITY!**

**CAN PASS UP TO
50MM SOLIDS!**



Max. Fluid Working Pressure	0.83 MPa, 8.27 bar
Max. Free Flow Delivery	568 lpm
Max. Pump Speed	145 cpm
Displacement Per Cycle	3.79 liter (1 gallon)
Max. Suction Lift	6.10m dry, 9.14m wet
Max. Size Pumpable Solids	46 mm
MAX. DIAPHRAGM OPERATING TEMP	
POLYCHLOROPRENE	-10°C to 80°C
SANTOPRENE	-40°C to 82°C
BUNA-N	-12°C to 82°C
TPE	-29°C to 66°C
GEOLAST	-40°C to 82°C
Typical Sound Level @ 100 psi (0.69 MPa, 6.9 bar) at 50 cpm	90 dBA
Max. Air Consumption	4.95m ³ /min (175 scfm)
Air Pressure Operating Range	0.14-0.83 MPa, 1.38-8.27 bar
Air Inlet Size	1/2 NPT (f)
Fluid Inlet & Outlet Size	2-11 in. bspt (f)
Weight	34.47 kg (76 lb)

PERFORMANCE CURVES



OPERATING PRESSURE

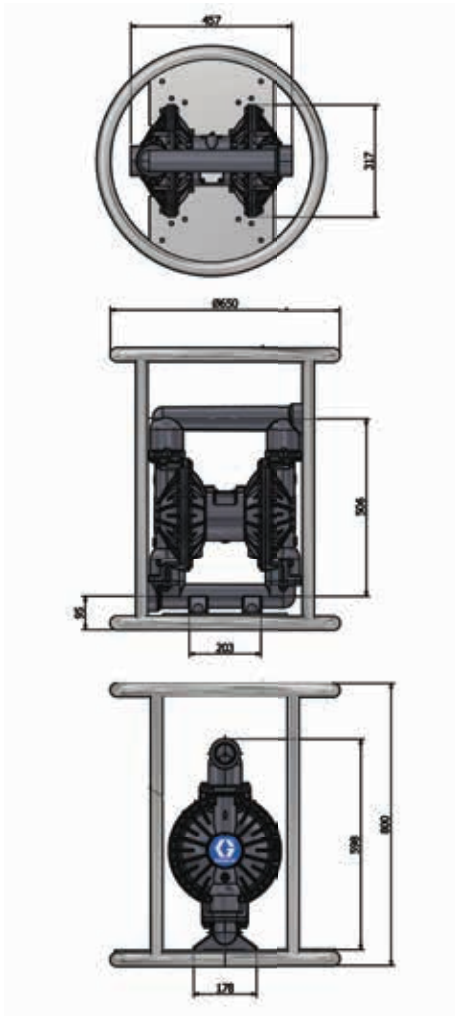
A	40 psi air (2.8 bar, 0.28 MPa)
B	70 psi air (4.8 bar, 0.47 MPa)
C	100 psi air (7 bar, 0.7 MPa)
D	120 psi air (8.62 bar, 0.86 MPa)

LEGEND

Fluid Flow



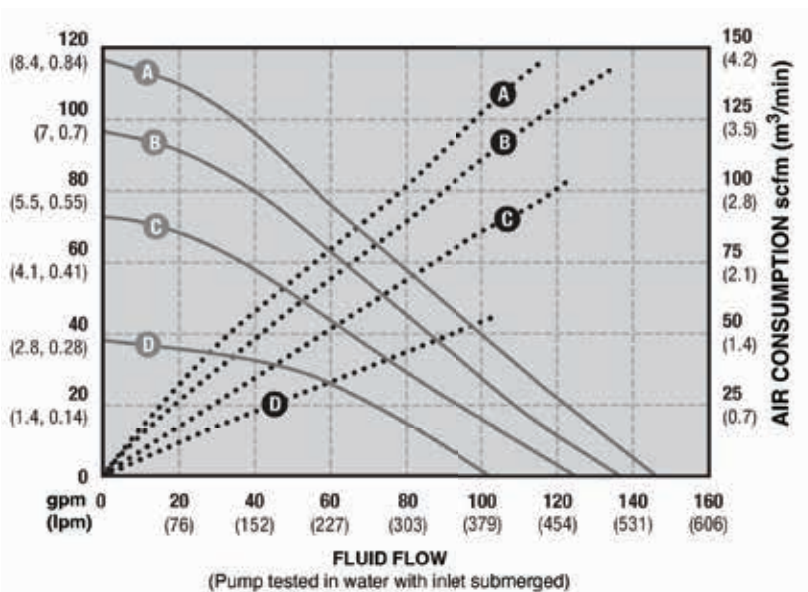
DIMENSIONS



SPECIFICATIONS

Max. Fluid Working Pressure	8.4 bar (0.84 MPa-120 psi)
Max. Free Flow Delivery	568 l/min (150 gpm)
Max. Pump Speed	145 cpm
Displacement Per Cycle	3.90 liter (1.03 gallon)
Max. Suction Lift	6.1 m (20 ft) dry
Max. Size Pumpable Solids	6.3 mm
MAX. DIAPHRAGM OPERATING TEMP	
PTFE	104.4°C (220°F)
SANTOPRENE	82.2°C (180°F)
BUNA-N	82.2°C (180°F)
TPE	65.5°C (150°F)
FLOURELASTOMER (VITON)	121.1°C (250F)
GEOLAST	65.5°C (150F)
Typical Sound Level @ 4.9 (0.49 Mpa - 70psi) Air @ 125 Cpm	78 dBA
Max. Air Consumption	4.9m ³ /min (175 scfm)
Air Pressure Operating Range	1.4 to 8.4 bar
Air Inlet Size	1/2 NPT (f)
Fluid Inlet & Outlet Size	2 NPT (f) or BSPT (f)
Weight	26.3 kg (58 lb)

PERFORMANCE CURVES



AIR PRESSURE	
A	120 psi air (8.4 bar, 0.84 MPa)
B	100 psi air (7 bar, 0.7 MPa)
C	70 psi air (4.8 bar, 0.48 MPa)
D	40 psi air (2.8 bar, 0.28 MPa)

LEGEND

Air Consumption
Fluid Flow ———

LUBE OIL PUMPS



- LEADING BRAND IN LUBRICATION FOR RELIABILITY
- MULTIPORTED FOR EASE OF INSTALL
- AIR VALVE CAN BE REBUILT IN LESS THAN 5 MINUTES
SAVING MONEY AND TIME

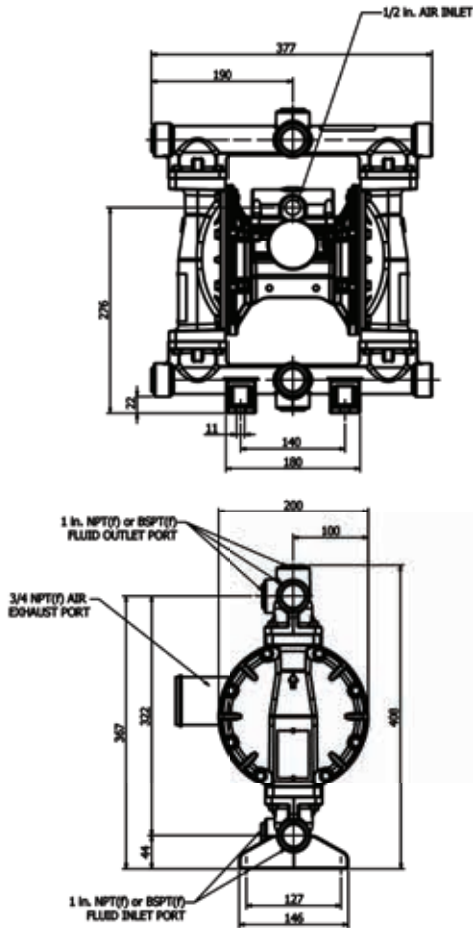




**716 / 1050
LUBE OIL PUMPS**



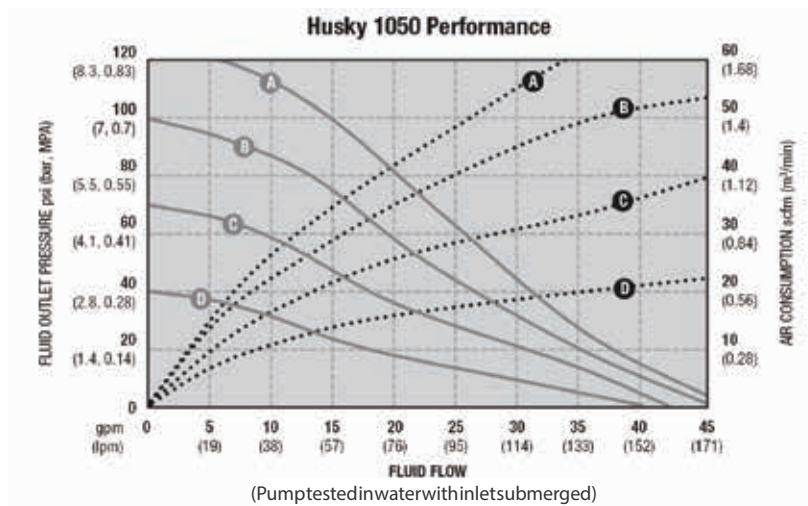
DIMENSIONS



SPECIFICATIONS

Max. Fluid Working Pressure	8.6 bar (0.86 MPa - 125 psi)
Max. Free Flow Delivery	189 l/min (50 gpm)
Max. Pump Speed	280 cpm
Displacement Per Cycle	0.64 liters (0.17 gal)
Max. Suction Lift	4.9m (16 ft.) dry, 8.8m (29 ft.) wet
Max. Size Pumpable Solids	3.2 mm (1/8 in)
SOUND POWER @ 4.8 bar (0.48 MPa - 70psi) and 50 cpm @ 7.0 bar (0.7 MPa - 100psi) and full flow	78 dBa 90 dBa
SOUND PRESSURE @ 4.8 bar (0.48 MPa - 70psi) and 50 cpm @ 7.0 bar (0.7 MPa - 100psi) and full flow	84 dBa 96 dBa
TYPICAL SOUND LEVEL @ 4.9 (0.49 MPa - 70psi) air @ 125 cpm	74 dBa
Max. Air Consumption	67 scfm
Air Consumption @ 4.8 bar (0.48 MPa - 70psi) / 76 L/min	25 scfm
Air Pressure Operating Range	1.4 - 8.6 bar (0.14 - 0.86 MPa / 20-125 psi)
Air Inlet Size	1/2 NPT (f)
Fluid Inlet Size	1 in. NPT (f) OR 1 in. BSPT
Fluid Outlet Size	1 in. NPT (f) OR 1 in. BSPT
Weight	10.5 kg (23 lb)

PERFORMANCE CURVES



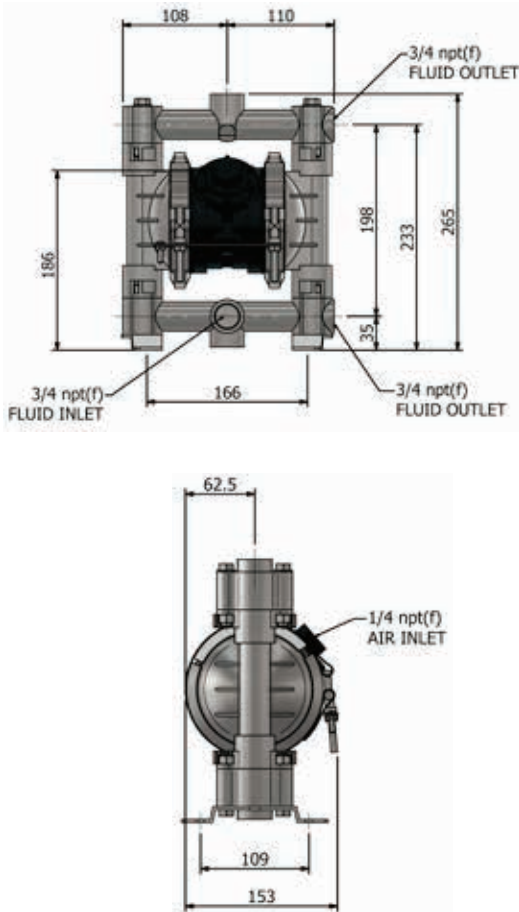
AIR PRESSURE	
A	7 bar (0.7 MPa - 100 psi)
B	4.8 bar (0.48 MPa - 70 psi)
C	2.8 bar (0.28 MPa - 40 psi)
D	1.4 bar (0.14 MPa - 20 psi)

LEGEND

Air Consumption
Fluid Flow _____



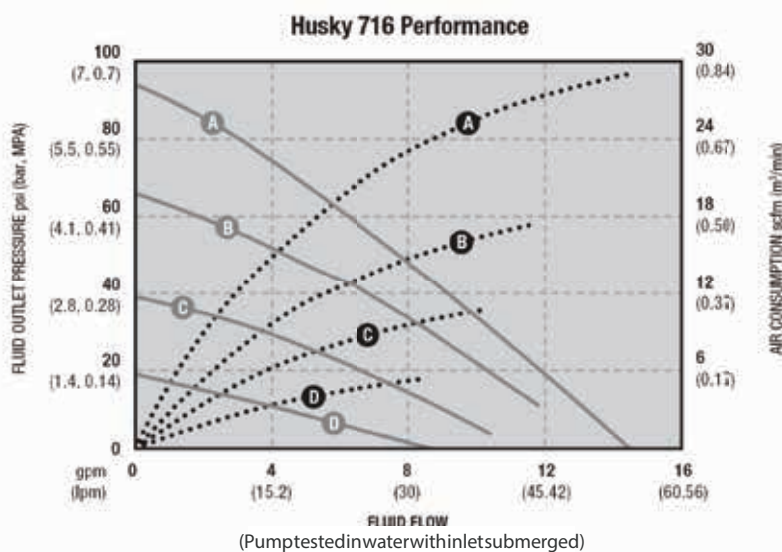
DIMENSIONS



SPECIFICATIONS

Max. Fluid Working Pressure	8.6 bar (0.86 MPa - 125 psi)
Max. Free Flow Delivery	60 l/min (50 gpm)
Max. Pump Speed	280 cpm
Displacement Per Cycle	0.64 liters (0.17 gal)
Max. Suction Lift	4.9m (16 ft.) dry, 8.8m (29 ft.) wet
Max. Size Pumpable Solids	3.2 mm (1/8 in)
SOUND POWER @ 4.8 bar (0.48 MPa - 70psi) and 50 cpm @ 7.0 bar (0.7 MPa - 100psi) and full flow	78 dBa 90 dBa
SOUND PRESSURE @ 4.8 bar (0.48 MPa - 70psi) and 50 cpm @ 7.0 bar (0.7 MPa - 100psi) and full flow	84 dBa 96 dBa
TYPICAL SOUND LEVEL @ 4.9 (0.49 MPa - 70psi) air @ 125 cpm	74 dBa
Max. Air Consumption	67 scfm
Air Consumption @ 4.8 bar (0.48 MPa - 70psi) / 76 L/min	25 scfm
Air Pressure Operating Range	1.4 - 8.6 bar (0.14 - 0.86 MPa/ 20-125 psi)
Air Inlet Size	1/2 NPT (f)
Fluid Inlet Size	3/4" in. NPT (f)
Fluid Outlet Size	3/4" in. NPT (f) OR 1 in. BSPT
Weight	10.5 kg (23 lb)

PERFORMANCE CURVES






AIR PRESSURE	
A	7 bar (0.7 MPa - 100 psi)
B	4.8 bar (0.48 MPa - 70 psi)
C	2.8 bar (0.28 MPa - 40 psi)
D	1.4 bar (0.14 MPa - 20 psi)

LEGEND




Air Consumption
Fluid Flow ———



GREASE PUMPS

MODEL	APPROX. FREE FLOW RATE @ 100 PSI	AIR INLET	FLUID OUTLET	MAX FLUID PSI	DESCRIPTION	PART NUMBER
FIRE-BALL™ 300, 5:1						
	46 lpm (12.1 gpm)	3/8 NPT(F)	1/2 NPT(F)	900 psi	Universal oil pump Oil pump, 60L (16gal) Oil pump, 200L (55gal) Oil pump, 1040L (275gal)	203876 - STK 204254 - STK 222087 - STK
FIRE-BALL™ 425, 10:1						
	44 lpm (11.7 gpm)	1/2 NPT(F)	3/4 NPT(F)	1800 psi	Universal Oil Pump	205626 - STK
FIRE-BALL™ 425, 50:1						
	4.1 kg/lpm (9 lbs/min)	1/2 in NPT(F)	3/8 NPT(F)	55 kg (120 lb) Grease Pump - 50:1 180 kg (400 lb) Grease Pump - 50:1		205394 - STK 205395 - STK

HOSE REELS

MODEL	TYPICAL APPLICATION	TYPICAL FLUID	HOSE / CORD LENGTH OPTIONS	ENCLOSED
XD™ 10/20 SERIES				
	<ul style="list-style-type: none"> • Heavy-Duty Truck Dealers • Fleet Maintenance • Mining Maintenance • Public Works Garage • Construction Vehicle Maintenance • Heavy-Duty Mobile Service Trucks • Mining • Lube Trucks 	<ul style="list-style-type: none"> • Petroleum & Synthetic-based Oils • Air • Water • Grease • Anti-Freeze • Windshield Washer Fluid 	<ul style="list-style-type: none"> • 11 m (35 ft) • 15 m (50 ft) • 20 m (65 ft) 	Optional
XD™ 30 SERIES				
	<ul style="list-style-type: none"> • Heavy-Duty Truck Dealers • Fleet Maintenance • Mining Maintenance • Public Works Garage • Construction Vehicle Maintenance • Heavy-Duty Mobile Service Trucks • Mining • Lube Trucks 	<ul style="list-style-type: none"> • Petroleum & Synthetic-based Oils • Diesel Fuel • Air • Water • Grease • Anti-Freeze • Windshield Washer Fluid • Pressure Wash • Waste Oil Evacuation • Diesel Exhaust Fluid (DEF) 	<ul style="list-style-type: none"> • 11 m (35 ft) • 15 m (50 ft) • 20 m (65 ft) • 23 m (75 ft) 	No
XD™ 40/50 SERIES				
	<ul style="list-style-type: none"> • Heavy-Duty Truck Dealers • Fleet Maintenance • Mining Maintenance • Public Works Garages • Construction Vehicle Maintenance • Heavy-Duty Mobile Service Trucks • Agriculture • Lube Trucks 	<ul style="list-style-type: none"> • Petroleum & Synthetic-based Oils • Diesel Fuel • Air • Water • Anti-Freeze • Waste Oil Evacuation 	<ul style="list-style-type: none"> • 11 m (35 ft) • 15 m (50 ft) • 23 m (75 ft) • 30 m (100 ft) 	No



DIESEL DEWATERING PUMPS



Born out of Texas, these highly efficient extreme duty diesel pumps are ready for your next dewatering challenge onsite. Global Pump Mersino have a full range of custom and attenuated skids available with your choice of diesel engine. These pumps have been used extensively in main line bypass, flood mitigation, well point dewatering, general dewatering, tailings transfer and high volume water transfer. They are familiar to harsh conditions of Australia's infrastructure and mining projects with all the Safety Features and Tier One Mining controls and telemetry.

PRODUCT FEATURES

- Rugged, heavy-duty pumps are engineered specifically for portable application
- Fully-automatic venturi priming system allows for reliable and rapid prime and re-priming. Proven to be the most reliable priming system in the industry
- Dry running mechanical seal
- Pump casings are hydrostatically tested to 50 psig (345 kPa) above the peak casing design pressure
- Standard engine control panel provides preset emergency shutdown protection and allows the addition of automatic level control
- Highway trailer with integral fuel cell/chassis, lights, fenders, tie downs, lifting bail, front and rear jacks
- Global Pump's Environmental Box captures venturi blow by, separates and silences air exhaust and returns liquid to the pump suction
- Fuel tanks for extended run times and/or remote location as required
- Trailer brakes can be offered as required
- Sound attenuated enclosure options
- Hose racks, accessory containers and other custom features available as required
- Wide range of suction and discharge fittings including Global Pump's own "QD" Quick Disconnect fittings and accessories



4" HIGH FLOW



6" WELL POINT DEWATERING



8" HIGH HEAD



12" HIGH FLOW



COMMON MODEL SPECIFICATIONS

MODEL	SIZE		POWER		MAX FLOW		MAX HEAD	
	in	mm	hp	kW	gpm	m ³ /h	ft	m
3GSUBHD5	3	75	5	3.7	125	91	170	52
4GSUBHD75	4	100	7.5	5.5	300	28	165	50
4GSUBHD10	4	100	10	7.5	350	148	165	50
6GSUBHD16	6	150	16	12	300	191	260	79
6GSUBHD25	6	150	25	19	1650	273	125	38

nexus

INDUSTRIAL WATER & COOLING WATER PUMP SYSTEMS

- MOST DURABLE WATER SUPPLY PUMP FOR THE MINING AND TUNNELLING INDUSTRY
- HIGH EFFICIENCY WITH HIGH PRESSURES
- STOCKED AS SINGLE SYSTEMS WITH IN-HOUSE CAPABILITY TO CUSTOMISE INTO MULTI-PUMP SYSTEMS
- SERVICED AND MAINTAINED LOCALLY
- HEAVY-DUTY WATERPROOF VSD CONTROL PANEL WITH HMI INTERFACE



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NV SERIES
VERTICAL MULTISTAGE PUMPS

NV SERIES

STANDARD INDUSTRIAL WATER PUMP SET

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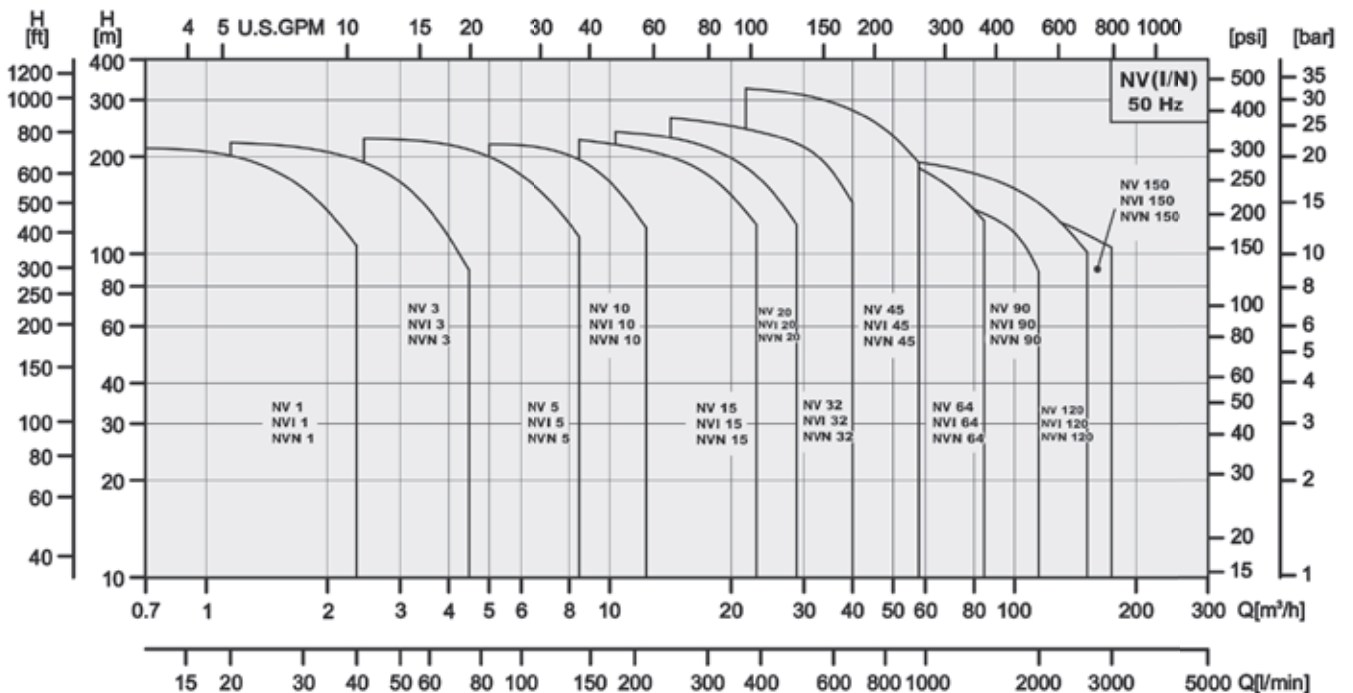
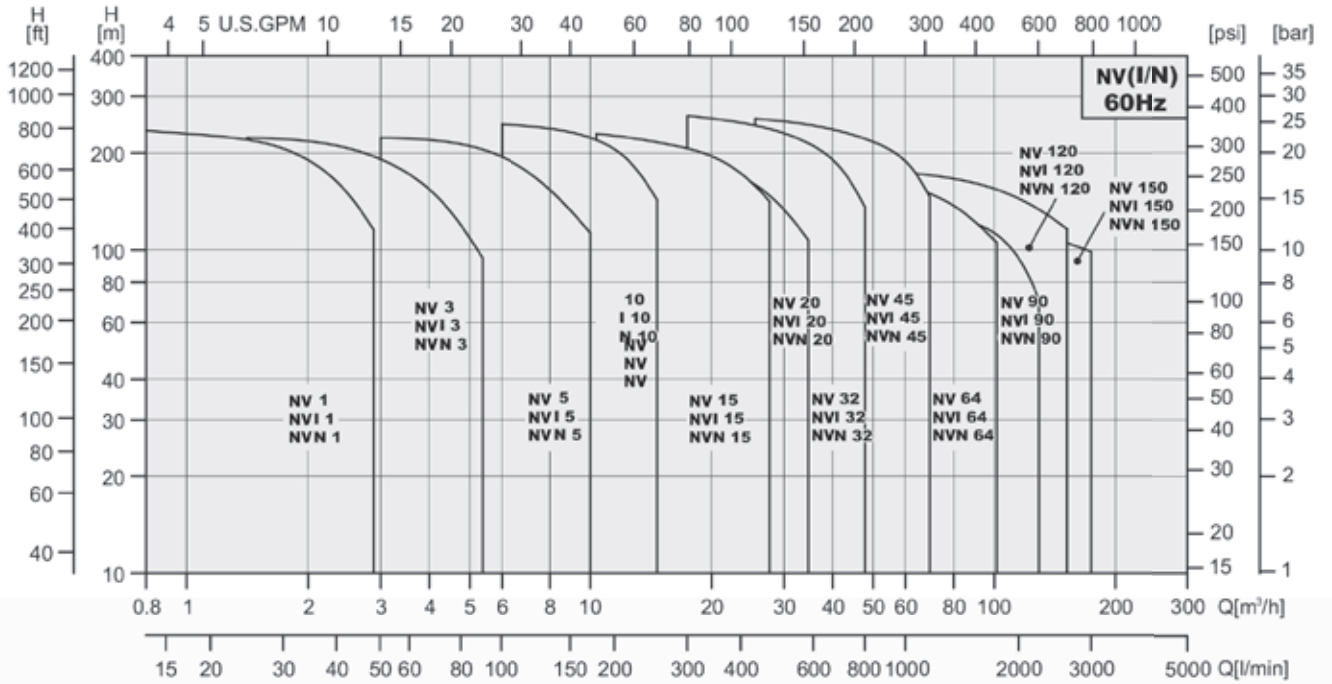
VERTICAL
MULTISTAGE
PUMPS



PERFORMANCE CURVES

ALL OF THESE PUMPS
ARE AVAILABLE IN

CUSTOM
CONFIGURATIONS.



N20-5

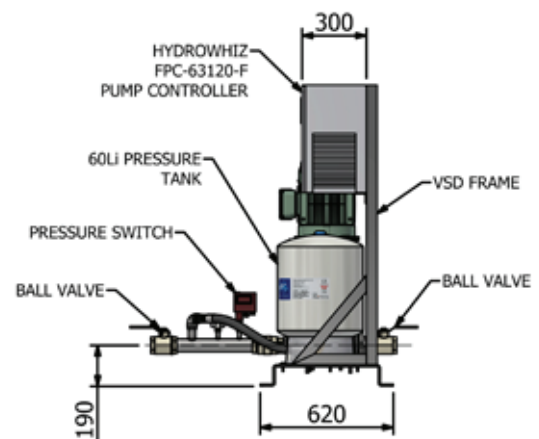
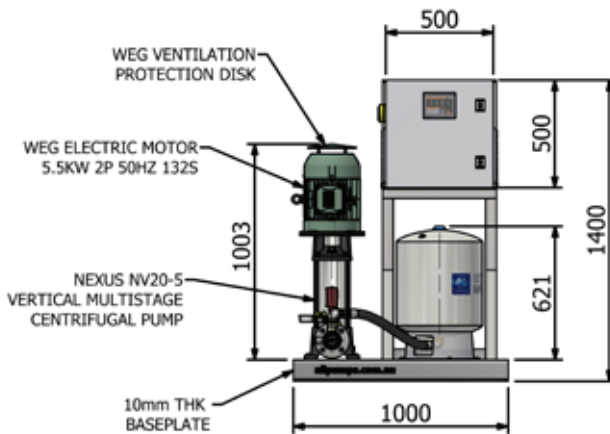
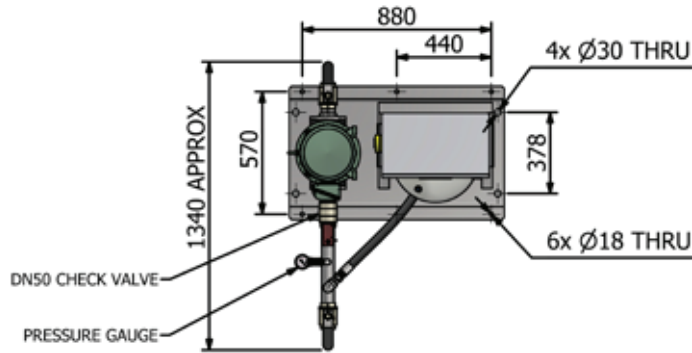
STANDARD INDUSTRIAL WATER PUMP SET

nexus

VERTICAL
MULTISTAGE
PUMPS



DIMENSIONS



SPECIFICATIONS

NV20-5	50HZ	60HZ
NOMINAL FLOW (m ³ /h)	21	25.3
FLOW RANGE (m ³ /h)	10.5-29	12.5-35
MAX PRESSURE (bar)	16	25
FLUID TEMPERATURE (°C)	-15 to +120	-15 to +120
MOTOR POWER (kW)	5.5	11
MATERIAL	Cast iron & stainless steel	Cast iron & stainless steel
FLANGE	DN50	DN50
SEALS	EPDM/Viton	EPDM/Viton
DUTY	5 litres per second at up to 6 Bar	
DESCRIPTION	NV20-5 with 5.5kW motors and VSD panels with standard running speed of 50hZ	
APPLICATION	Industrial water supply	

N20-5

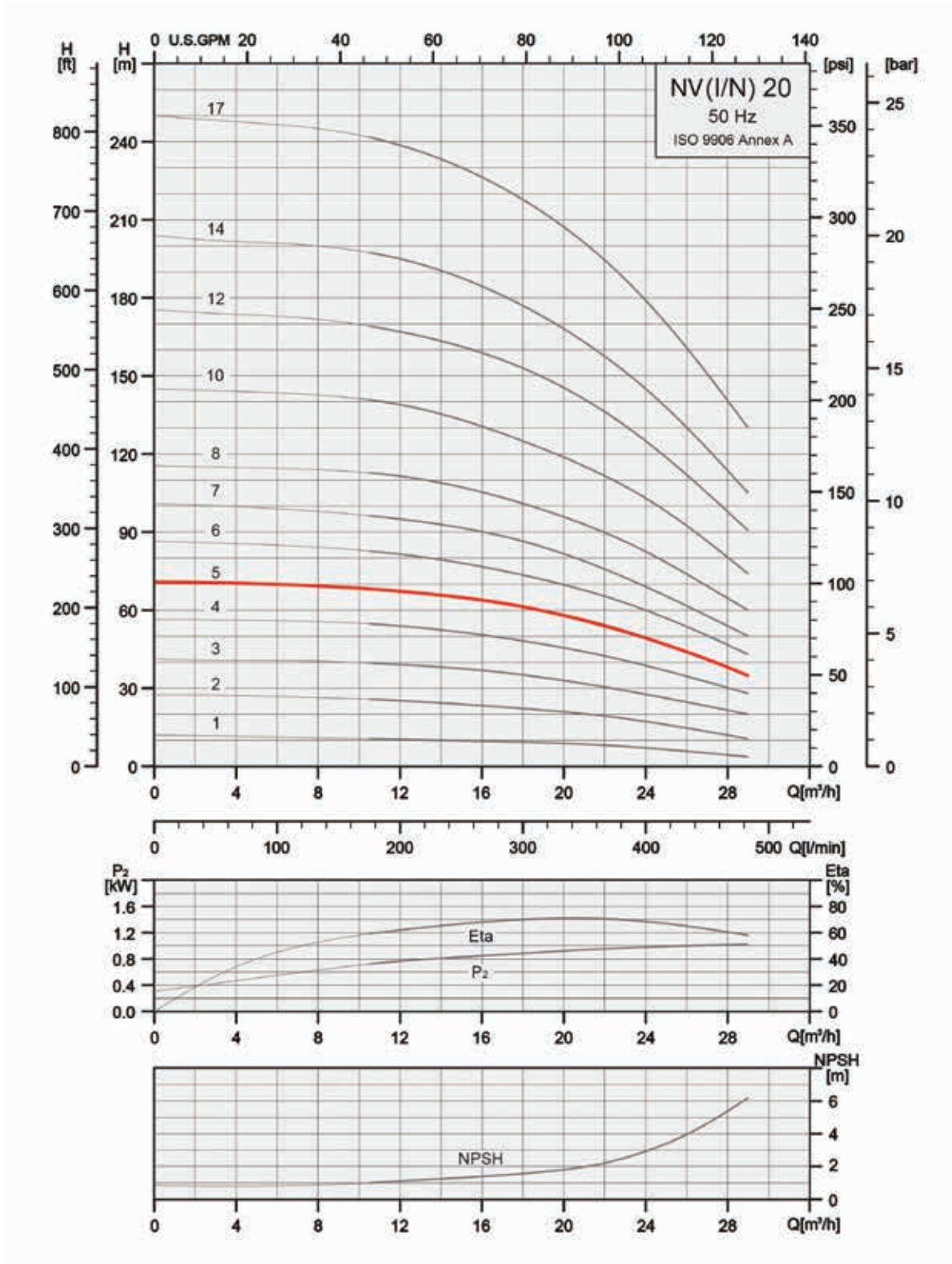
STANDARD INDUSTRIAL WATER PUMP SET

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VERTICAL
MULTISTAGE
PUMPS



PERFORMANCE CURVE - 50HZ



N20-5

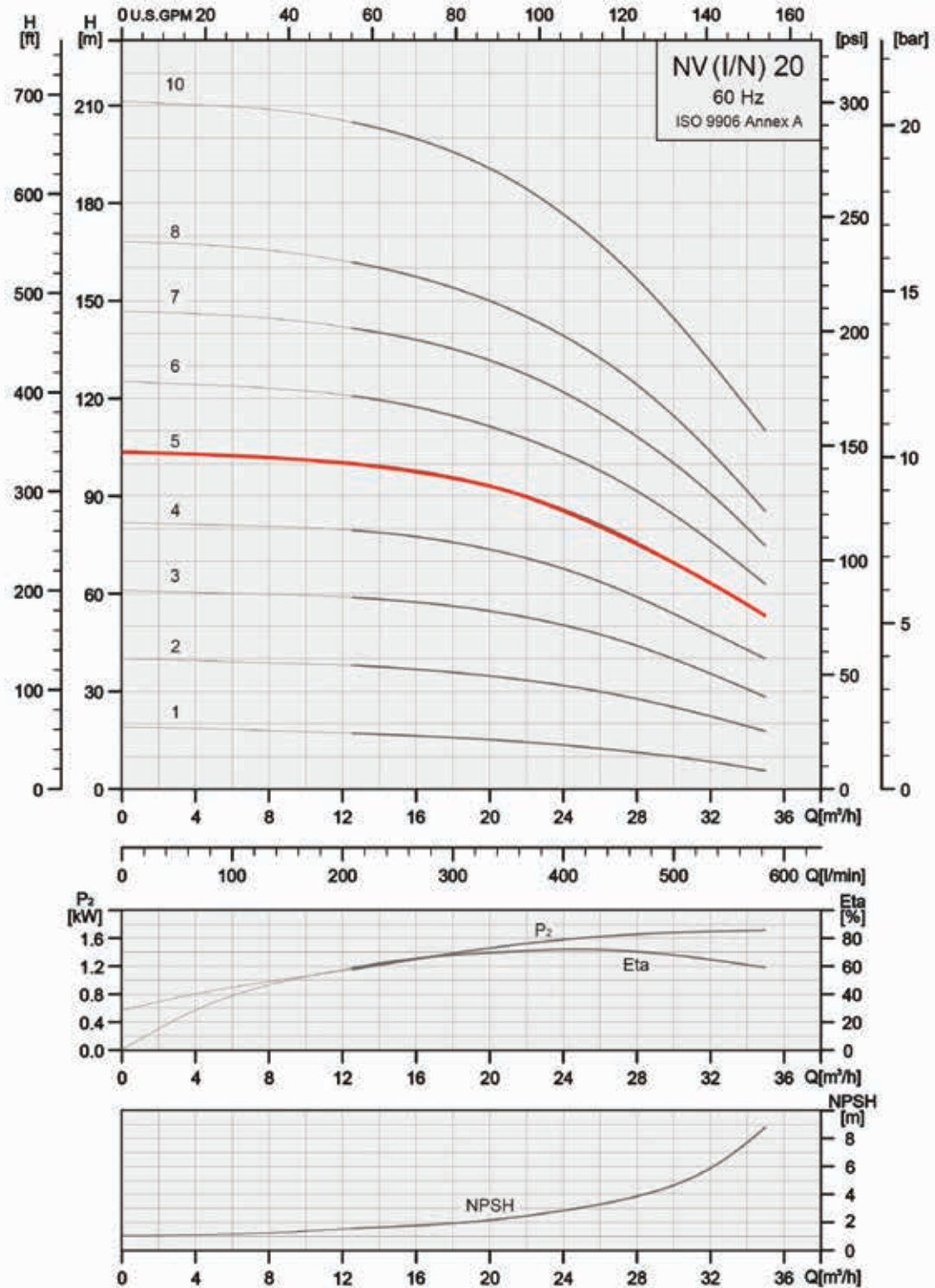
STANDARD INDUSTRIAL WATER PUMP SET

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VERTICAL
MULTISTAGE
PUMPS



PERFORMANCE CURVE - 60HZ



N32-5-2

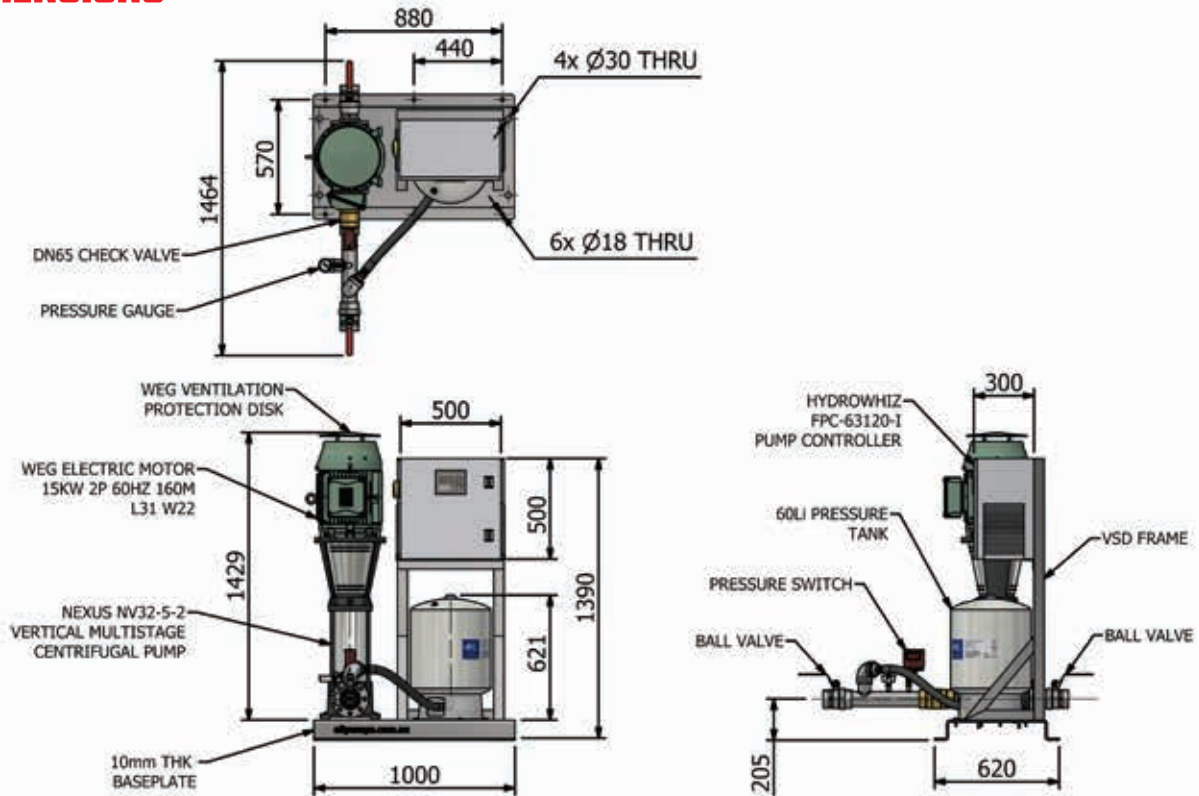
STANDARD INDUSTRIAL WATER PUMP SET

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VERTICAL
MULTISTAGE
PUMPS



DIMENSIONS



SPECIFICATIONS

NV32-5-2	50HZ	60HZ
NOMINAL FLOW (m ³ /h)	30	36
FLOW RANGE (m ³ /h)	15-40	18-48
MAX PRESSURE (bar)	16	27
FLUID TEMPERATURE (°C)	-15 to +120	-15 to +120
MOTOR POWER (kW)	11	15
MATERIAL	Cast iron & stainless steel	Cast iron & stainless steel
FLANGE	DN65	DN65
SEALS	EPDM/Viton	EPDM/Viton
DUTY	10 litres per second at up to 10 Bar	
DESCRIPTION	NV32-5-2 with 15kW motors and VSD panels with standard running speed of 60hZ	
APPLICATION	Industrial water supply	

N32-5-2

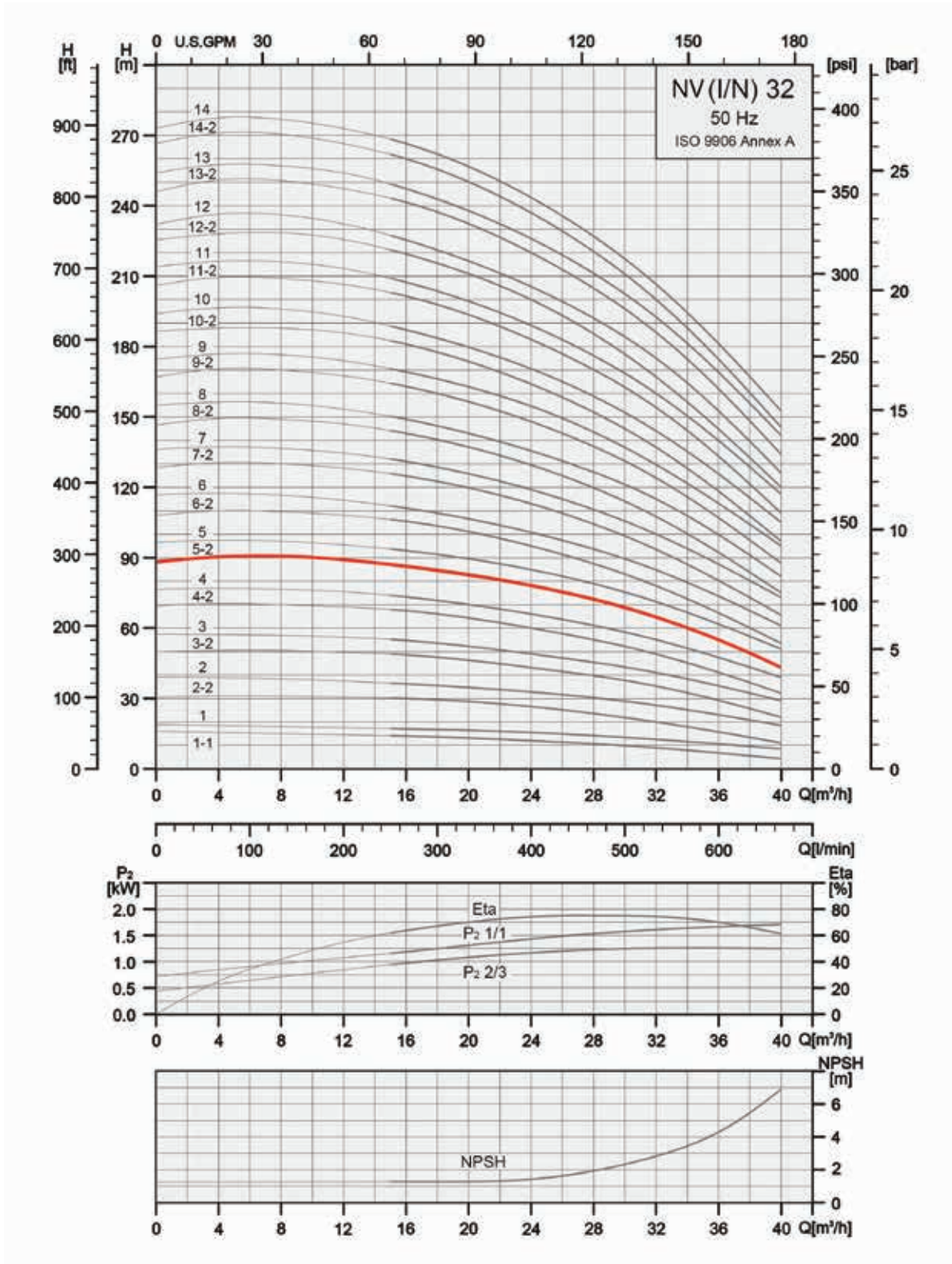
STANDARD INDUSTRIAL WATER PUMP SET

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VERTICAL
MULTISTAGE
PUMPS



PERFORMANCE CURVE - 50HZ



N32-5-2

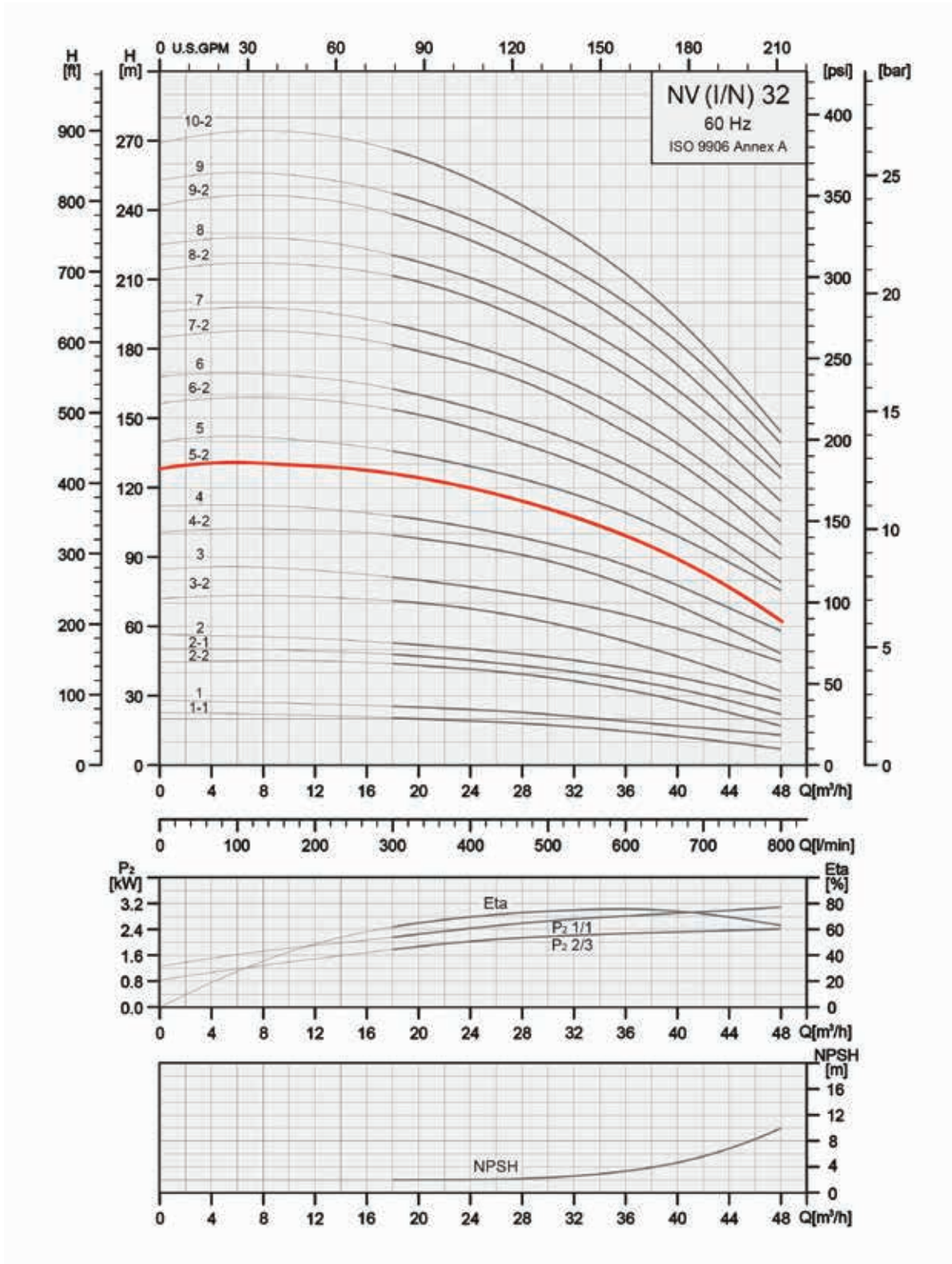
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VERTICAL
MULTISTAGE
PUMPS



PERFORMANCE CURVE - 60HZ



N45-5

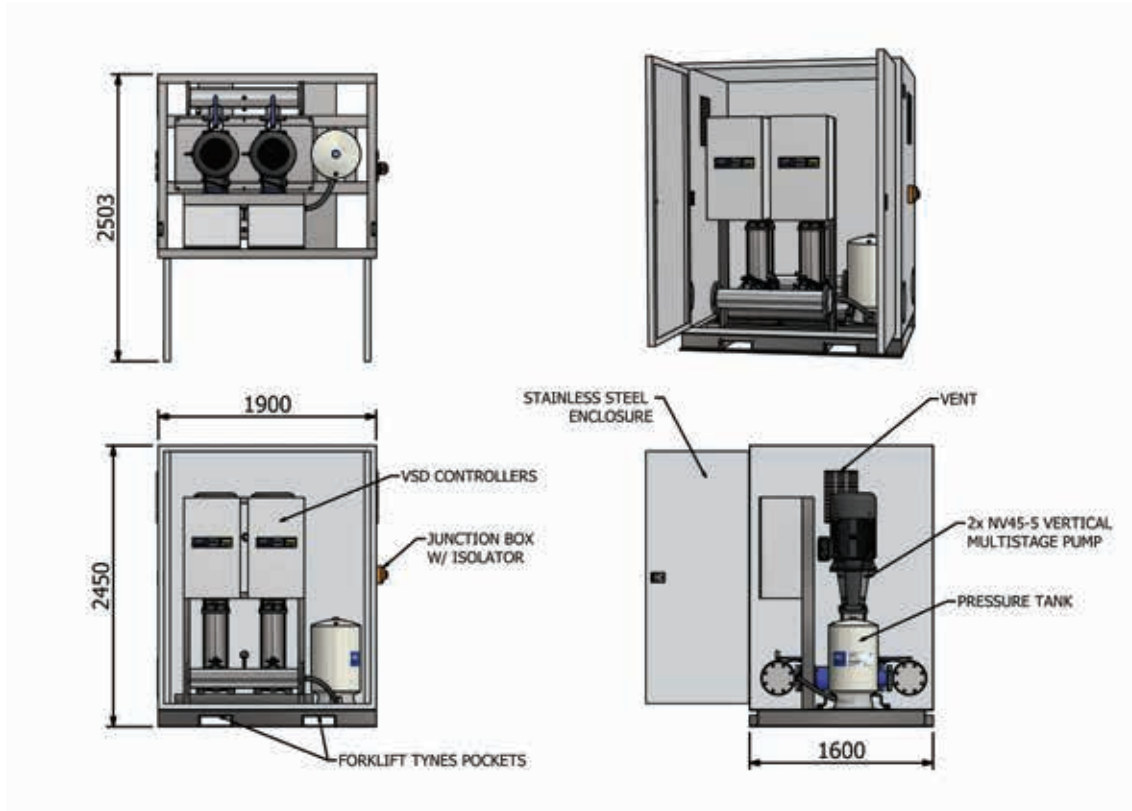
DUAL COOLING WATER PUMP SET

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VERTICAL
MULTISTAGE
PUMPS



DIMENSIONS



SPECIFICATIONS

*Specifications are for single pump in the system

NV45-5	50HZ	60HZ
NOMINAL FLOW (m ³ /h)	45	54
FLOW RANGE (m ³ /h)	22-58	26-70
MAX PRESSURE (bar)	16	30
FLUID TEMPERATURE (°C)	-15 to +120	-15 to +120
MOTOR POWER (kW)	18.5	30
MATERIAL	Cast iron & stainless steel	Cast iron & stainless steel
FLANGE	DN80	DN80
SEALS	EPDM/Viton	EPDM/Viton
DUTY	15-30 litres per sec at 150 metres head/15 bar	
DESCRIPTION	NV45-5 with 30kW motors and VSD panels with standard running speed of 60hZ	
APPLICATION	Industrial water supply	

N45-5

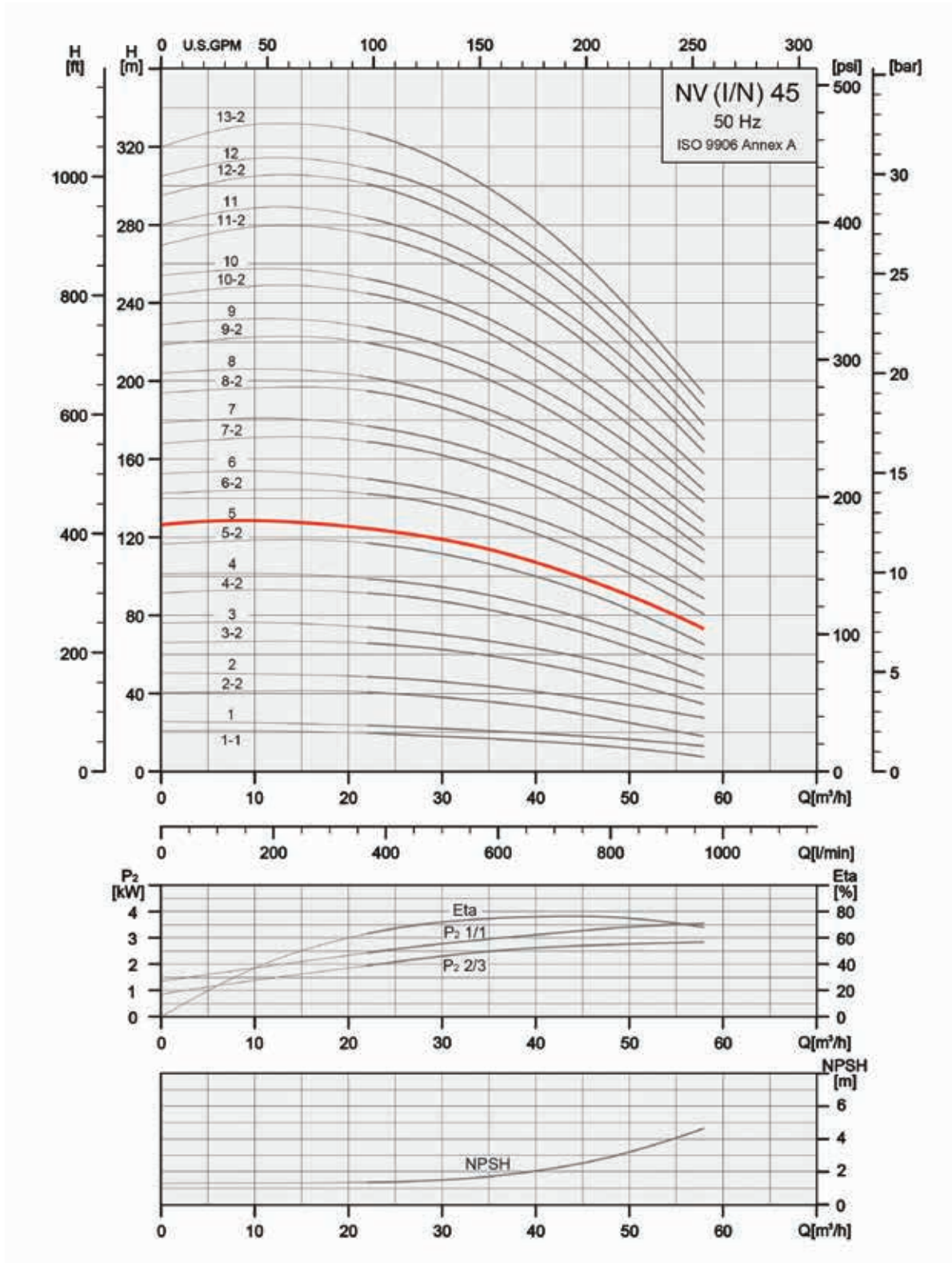
DUAL COOLING WATER PUMP SET

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VERTICAL
MULTISTAGE
PUMPS



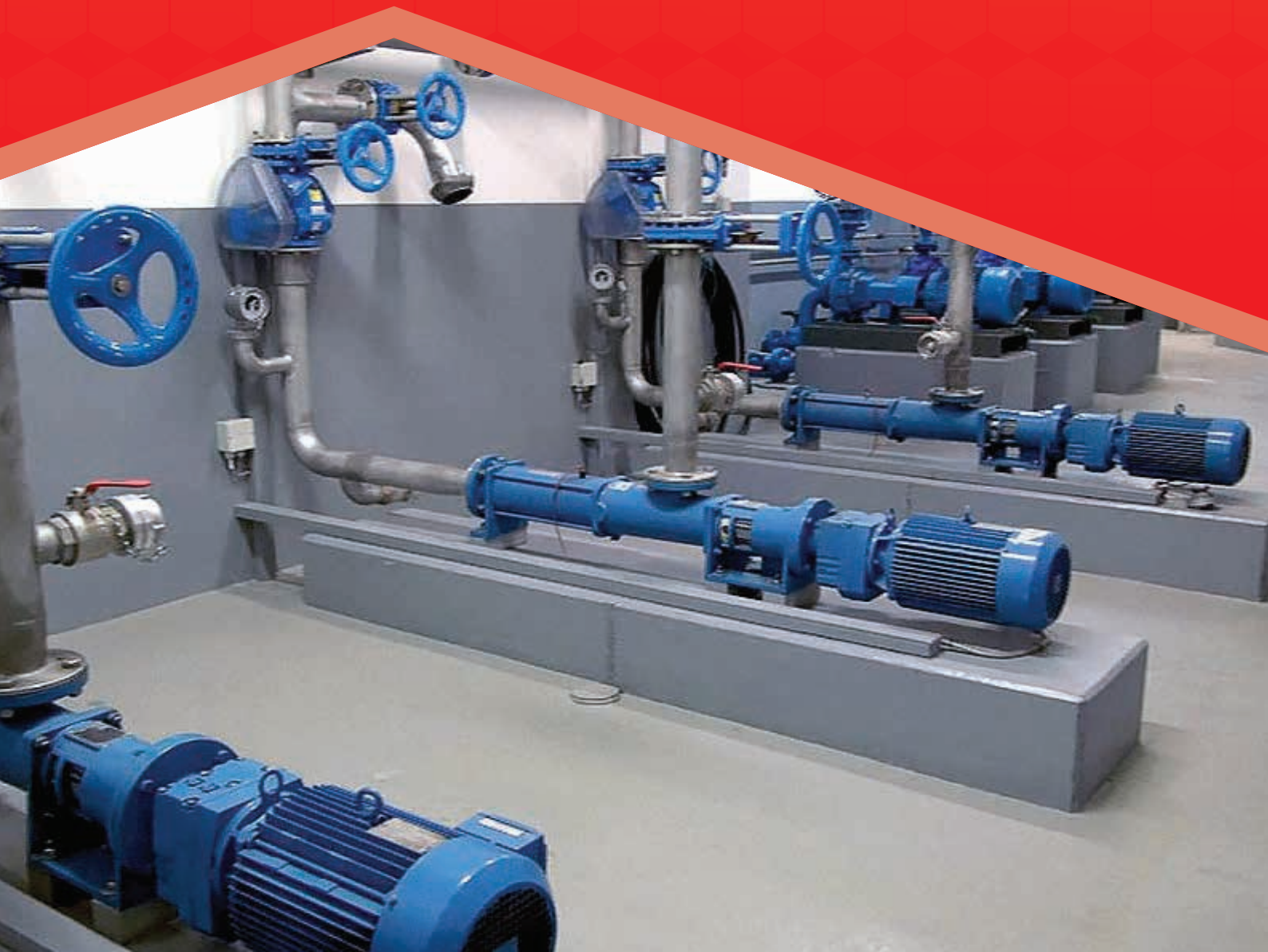
PERFORMANCE CURVE - 50HZ



WANGEN MONO SLUDGE PUMP



- SMART GERMAN ENGINEERING
- EASY TO SERVICE
- ABRASIVE-RESISTANT MATERIALS AS STANDARD



WANGEN XPRESS 64

STANDARD HELICAL ROTOR PUMP



PRESSURE
PUMPS



CONSTRUCTION OF THE PUMP



Shaft seal is very easy to replace



Robust cardan shaft and joints



Covered cardan shaft with NBR-collar



Inspection ports for easy access to the interior



Robust rotor and stator in the highest quality from own manufacturing plant



Innovative X-LIFT design of discharge flange for quick rotor/stator change



WANGEN XPRESS 64

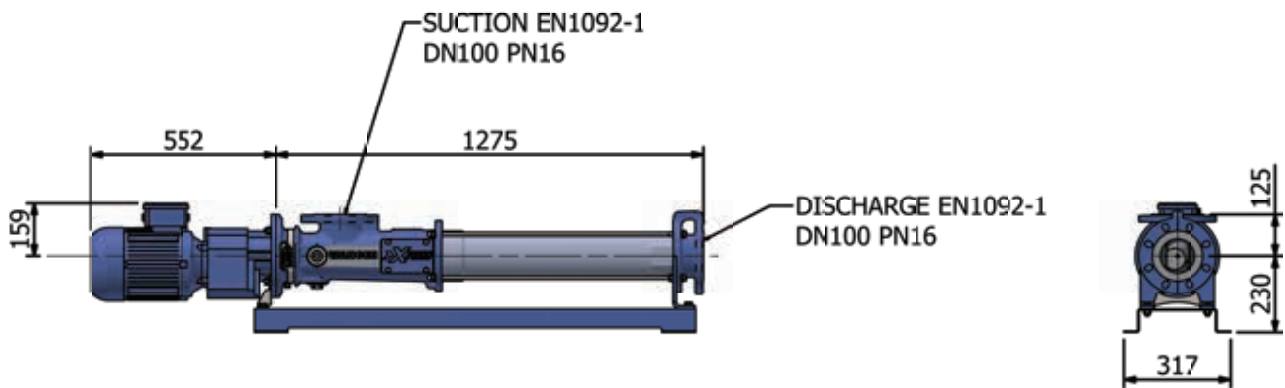
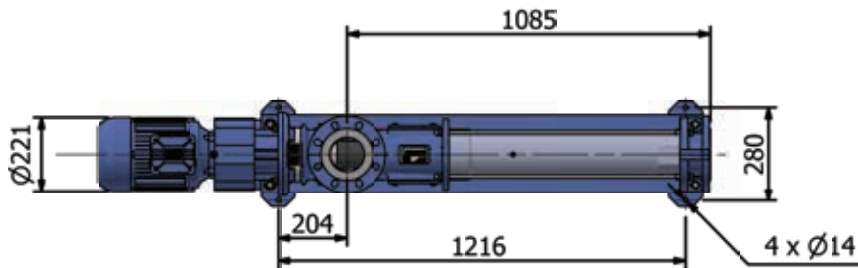
STANDARD HELICAL ROTOR PUMP
WITH 4.0KW MOTOR



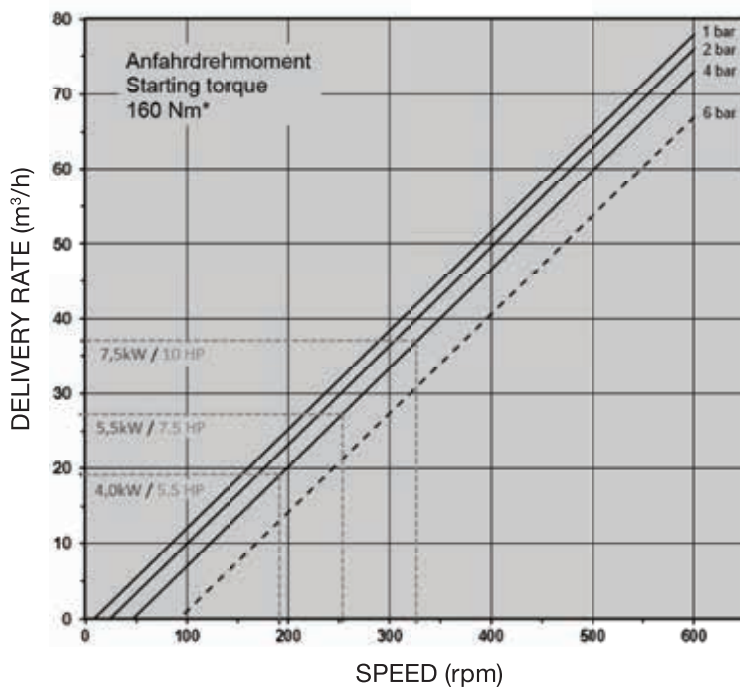
PRESSURE
PUMPS



DIMENSIONS



PERFORMANCE CURVES



Pump Size	64
Max Completely Free Package (mm)	51
Flowrate (m³/h) @ VISCOSITY 1 MPA-S	Up to 56
Max Differential Pressure (Bar)	6
Performance	7.5 kW
RPM	334 rpm
Delivery Volume	37 m³/h
Pressure	4 bar

WANGEN XPRESS 48

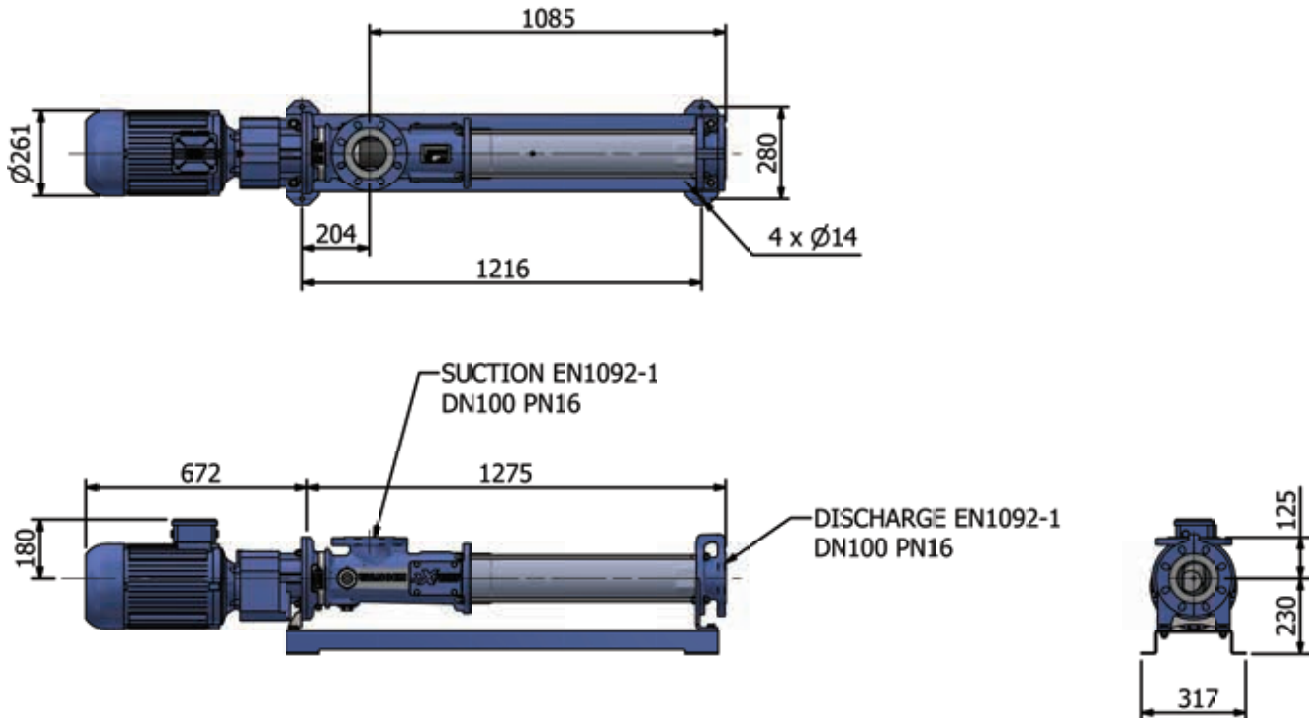
STANDARD HELICAL ROTOR PUMP
WITH 7.5KW 415V MOTOR



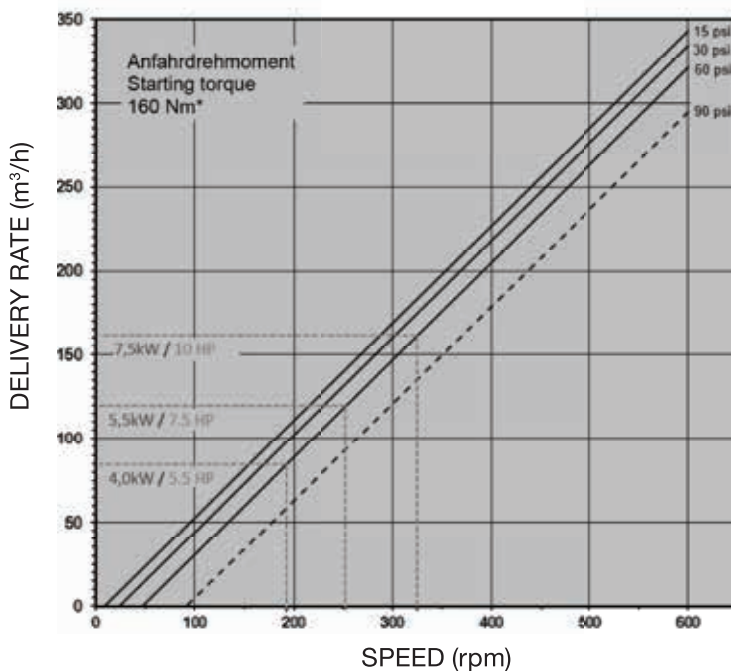
PRESSURE
PUMPS



DIMENSIONS



PERFORMANCE CURVES



Pump Size	64
Max Completely Free Package (mm)	51
Flowrate (m ³ /h) @ VISCOSITY 1 MPA-S	up to 56
Max Differential Pressure (Bar)	6
Performance	7.5 kW
RPM	334 rpm
Delivery Volume	37 m ³ /h
Pressure	4 bar

50

**YEARS OF
EXPERIENCE**



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EXPERIENCE**

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