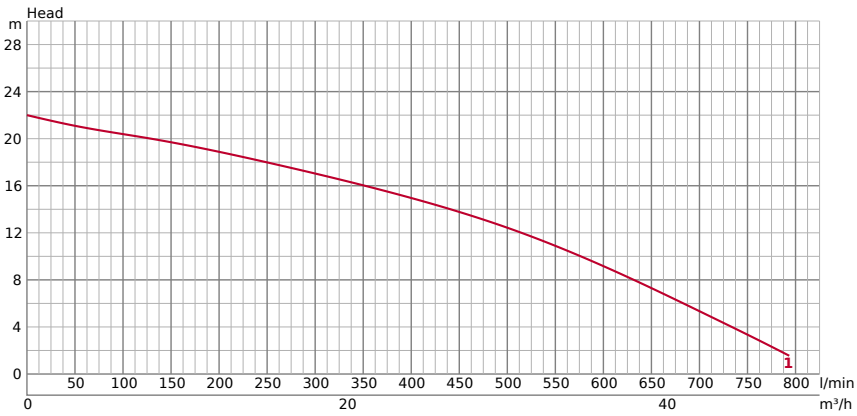
KTD33.7 (KTD33.0)



TECHNICAL INFORMATION

GENERAL	**ø Discharge bore mm**	80
	Discharge Connection	BSPT threaded/Hose coupling

PUMPING FLUID	**Type of Fluid**	Sand/Slurry
	Temperature	0-40°C
	Max. Solid Handling mm	10
	Max. dry matter %	10
	Max. PH Value	5-9
	Max. Capacity l/min	794
	Max. Head m	22

TECHNICAL INFORMATION | Pump, Motor, Others on the next page →

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PUMP

COMPONENTS

Impeller	Semi-open type impeller
Bearings	Shielded ball bearings
Mechanical Seal	Dual mechanical seal in oil bath

MATERIAL

Impeller	Chromium iron casting
Agitator	FCD700 (EN-GJS-700-2)
Casing	Grey iron casting EN-GJL-200
Suction Plate	Ductile iron casting EN-GJS-500-7
Pump Body	Grey iron casting EN-GJL-150
Mechanical Seal	Silicon Carbide

MOTOR

Motor output kW	3,7 (3,0)
Starting method	direct online
Suitable for VFD	Yes
Suitable for Soft Starter	Yes
Type, Poles	Induction motor, 2 poles, IP68
Insulation	Insulation class F
Phase / Voltage	3-phase / 400V / 50Hz
r.p.m.	2888
Motor Protector (built-in)	Circle thermal cut-out
Rated Current	8
Voltage Change 400V --> 230V	Internal re-connection (delta)
Voltage Change 400V --> 690V	Re-Winding

MATERIAL

Frame	Grey iron casting EN-GJL-150
Shaft	Stainless steel EN-X30Cr13
Cable	NSSHÖU 4C*1. 5mm²
Cable Length	20m

OTHERS

Dry Weight kg	65
Pressure Resistance	max. 50m

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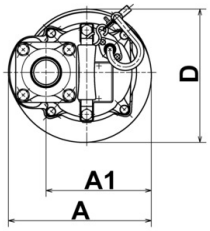
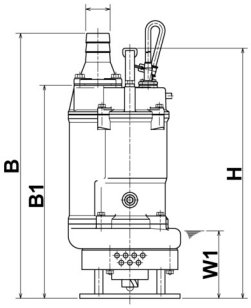
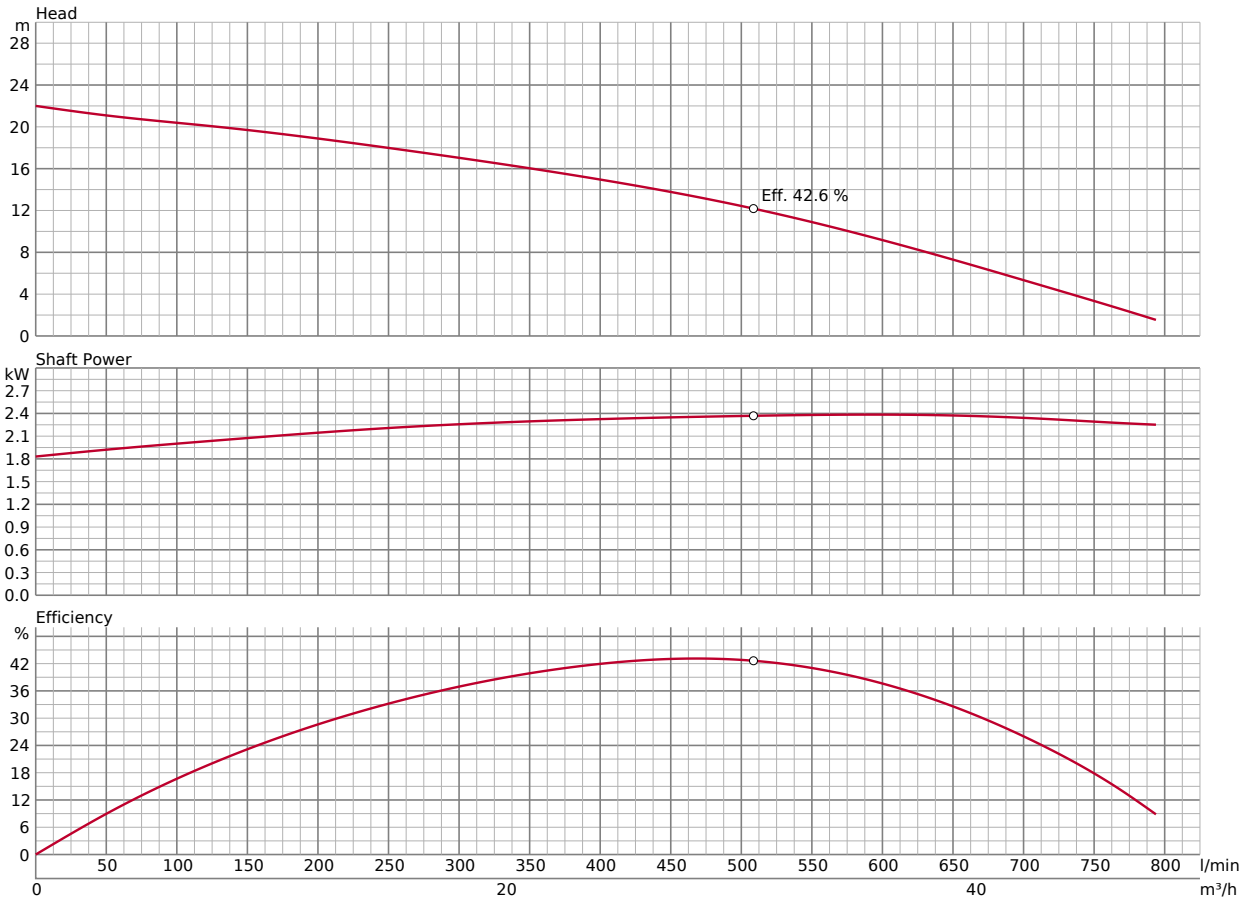
DIMENSIONS





DIMENSIONS - IN MM					
A	297	**B1**	521	**H**	654
A1	222	**D**	266	**W1**	160
B	644				

PERFORMANCE CURVE



In the event of abrasive and corrosive utilization, stronger wear and tear will take place naturally in certain components. In this regard, please pay attention to our website
www.tsurumi.eu/english/applications.htm.

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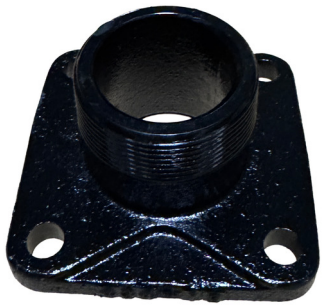
ACCESSORIES

PUMP DISCHARGE **032-111-17**
2" Hose Coupling

2" discharge with suitable connection for hose coupling

PUMP DISCHARGE **032-434-19**
2" BS-threaded coupling

2" discharge with suitable connection for threaded coupling



FLOAT SWITCH **1023012**
Float 20m (for Cotractors Pumps)

Automatic Operation: Activates the submersible pump when water levels rise to a preset height and deactivates it when levels drop, preventing overflow or pump damage.

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ACCESSORIES

MOTOR PROTECTION PLUGS **547151003tu**

Plug CEE 16A

SPECIFICATIONS			
Amperage Control	6,3A - 10,0A	**IP**	44
Cable Gland	M25		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over

MOTOR PROTECTION PLUGS **547251003tu**

Plug CEE 32 A

SPECIFICATIONS			
Amperage Control	6,3A - 10,0A	**IP**	44
Cable Gland	M32		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over

MOTOR PROTECTION PLUGS **5571510000tu**

Plug with float connection CEE 16A

SPECIFICATIONS			
Amperage Control	6,0A - 10,0A	**IP**	44
Cable Gland	M25		

Rocker switch ON/OFF (HAND/AUTO), motor protection with adjustment of the respective rated current, contactor max. 7,5kW, with phase inverter, operating display and rotation field check cable gland for float switch and Power cable Overload Protection: Aut

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ACCESSORIES

MOTOR PROTECTION PLUGS **5572510000tu**

Plug with float connection CEE 32A

SPECIFICATIONS			
Amperage Control	6,0A - 10,0A	**IP**	44
Cable Gland	M32		

Rocker switch ON/OFF (HAND/AUTO), motor protection with adjustment of the respective rated current, contactor max. 7,5kW, with phase inverter, operating display and rotation field check cable gland for float switch and Power cable Overload Protection: Aut

MOTOR PROTECTION PLUGS **587151003**

CEE MS PW Stecker 16/5 6h 6.3-10A DFK IP67

SPECIFICATIONS			
Amperage Control	6,3A - 10,0A	**IP**	67
Cable Gland	M25		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over

MOTOR PROTECTION PLUGS **587251003**

CEE MS PW Stecker 32/5 6h 6.3-10A DFK IP67

SPECIFICATIONS			
Amperage Control	6,3A - 10,0A	**IP**	67
Cable Gland	M32		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over

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