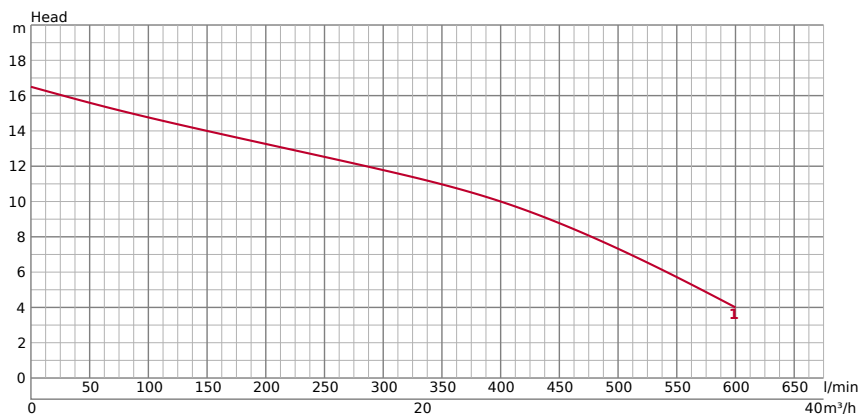


80U21.5



TECHNICAL INFORMATION

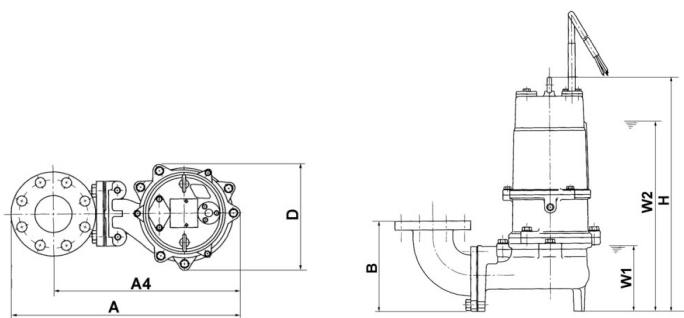
GENERAL	Ø Discharge bore mm	80	PUMPING FLUID	Type of Fluid	Sewage
	Discharge Connection	Inside thread, JIS10K flange		Temperature	0-40°C
				Max. Solid Handling mm	46
				Max. PH Value	5-9
				Max. Capacity l/min	600
				Max. Head m	16.50

PUMP	COMPONENTS		MATERIAL	
	Impeller	Vortex impeller	Impeller	Grey iron casting EN-GJL-200
	Bearings	Shielded ball bearings	Casing	Grey iron casting EN-GJL-200
	Mechanical Seal	Dual mechanical seal in oil bath	Pump Body	Grey iron casting EN-GJL-150
			Mechanical Seal	Silicon Carbide

TECHNICAL INFORMATION | Motor, Others on the next page →

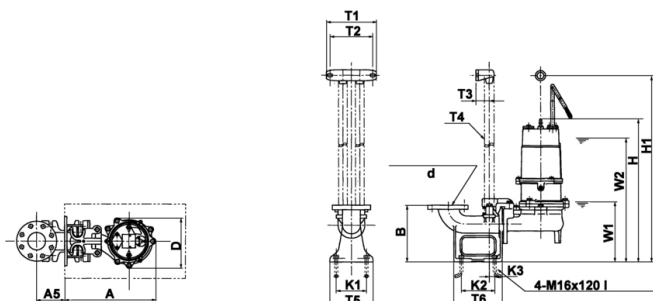
MOTOR	Motor output kW	1,5	MATERIAL	
	Starting method	direct online		
	Suitable for VFD	Yes		
	Suitable for Soft Starter	Yes		
	Type, Poles	Induction motor, 2 poles, IP68		
	Insulation	Insulation class F		
	Phase / Voltage	3-phase / 400V / 50Hz		
	r.p.m.	2912		
	Motor Protector (built-in)	Circle thermal cut-out		
	Rated Current	3.60		
OTHERS	Dry Weight kg	40		
	Pressure Resistance	max. 30m		

DIMENSIONS


DIMENSIONS - IN MM

A	420	D	200	W1	135
A4	366	H	501	W2	430
B	173				

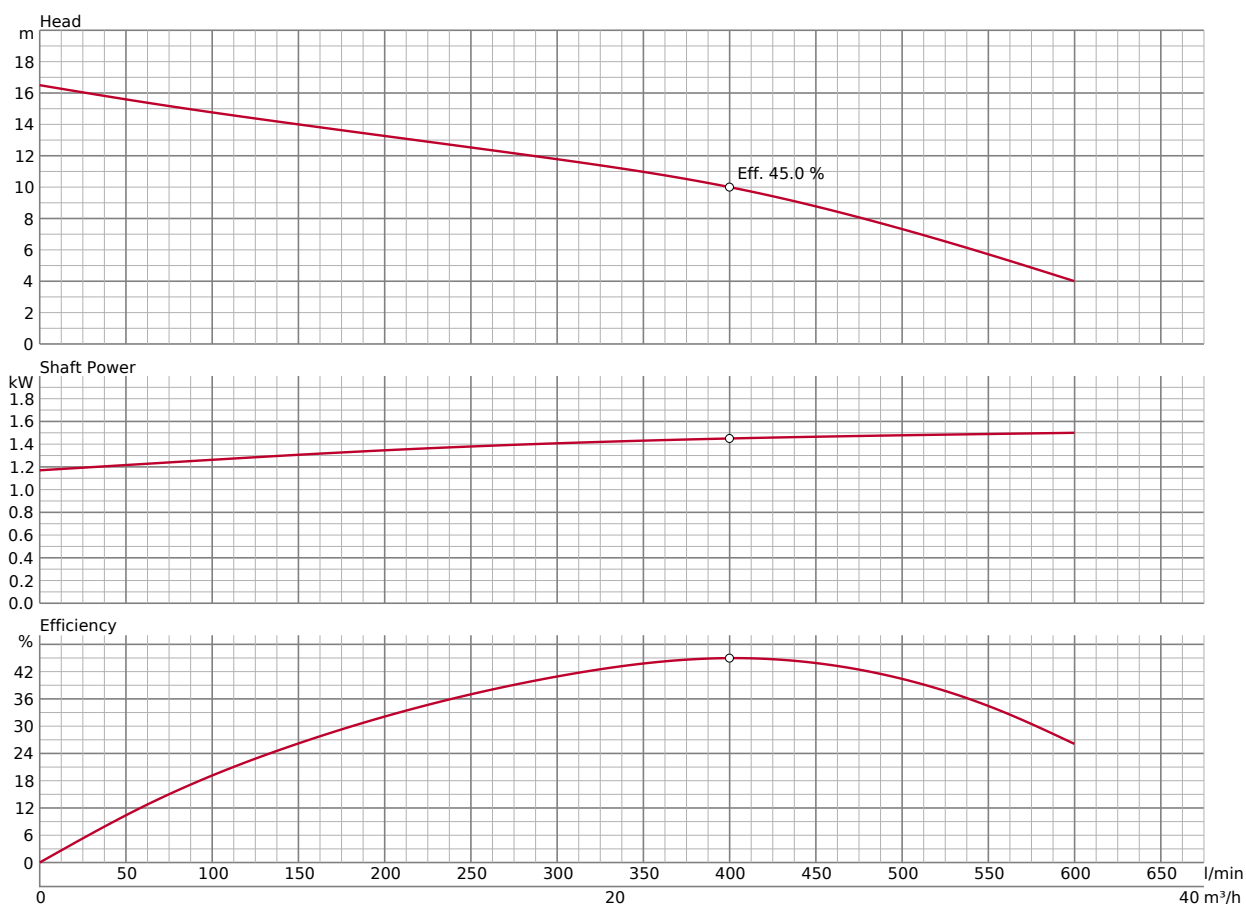
DIMENSIONS | GUIDE RAIL FITTING TYPE



DIMENSIONS | GUIDE RAIL FITTING TYPE - IN MM

A	389	D	200	W1	240
A5	130	H	603	W2	530

PERFORMANCE CURVE



Please mind: discharge bend, duck foot bend and stand set are accessories and must be ordered separately

ACCESSORIES

OIL LEAKAGE SENSOR **TSS-TEG-08**

TSS Seal Oil Sensor M8 (10m)

Externally mounted leak sensors for water detection inside of oil chamber. Please note, an additional relay e.g. finder needs to be installed.



FLOAT SWITCH **106-TEG-03**

Float 10m (for Sewage Pumps) up to 2.2kW

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.



MOTOR PROTECTION PLUGS **547150403tu**

Plug CEE 16A

SPECIFICATIONS

Amperage Control	2,5A - 4,0A	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



ACCESSORIES

MOTOR PROTECTION PLUGS **547250403tu**

Plug CEE 32 A

SPECIFICATIONS

Amperage Control	2,5A - 4,0A	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 **5571502400tu**

Plug with float connection CEE 16A

SPECIFICATIONS

Amperage Control	2,4A - 4,0A	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



MOTOR PROTECTION PLUGS **5572502400tu**

Plug with float connection CEE 32A

SPECIFICATIONS

Amperage Control	2,4A - 4,0A	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



ACCESSORIES

MOTOR PROTECTION PLUGS **587150403**

CEE MS PW Stecker 16/5 6h 2.5-4.0A DFK IP67

SPECIFICATIONS

Amperage Control	2,5A - 4,0A	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 **587250403**

CEE MS PW Stecker 32/5 6h 2.5-4.0A DFK IP67

SPECIFICATIONS

Amperage Control	2,5A - 4,0A	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



FREE STAND INSTALLATION KIT **(U)XIBEND3T**

BEND 80

Discharge/elbow for vertical pumping



ACCESSORIES

GUIDE RAIL FITTING SYSTEM **XIT0368A** TOS3-65-80

TOS is the basic guide-rail fitting system for Tsurumi pumps up 150mm discharge bore.



CABLE REPAIR SET **061-TEG-06**

Cable Repair Kit for 001-TEG-31 Cabtyre Cable Set (20m) H07RN-F4Cx1,5mm² and M01-TEG-31 Cable NSSHOEU 4G*1,5 mm² (20m)

Cable repair set which allows you to repair a broken cable on site by yourself.

