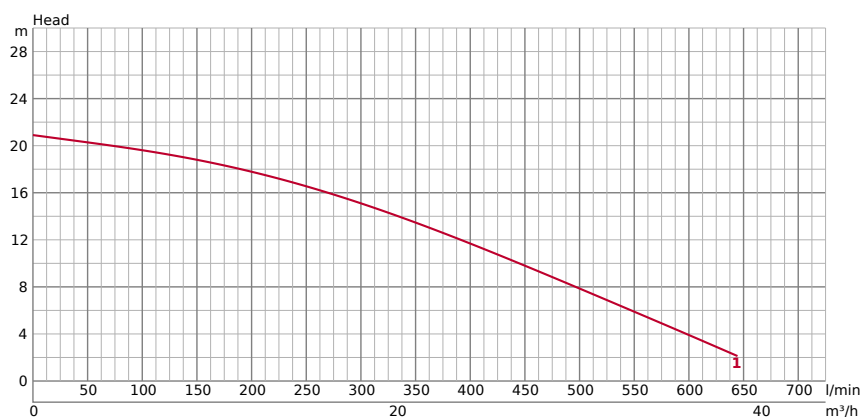


80SFQ21.5



TECHNICAL INFORMATION

GENERAL

ø Discharge bore mm	80mm
Discharge Connection	Inside thread, JIS10K flange

PUMPING FLUID

Type of Fluid	Aggressive sewage
Temperature	0-40°C
Max. Solid Handling mm	6
Max. dry matter %	10
Max. PH Value	3-10
Max. Capacity l/min	645
Max. Head m	20,9

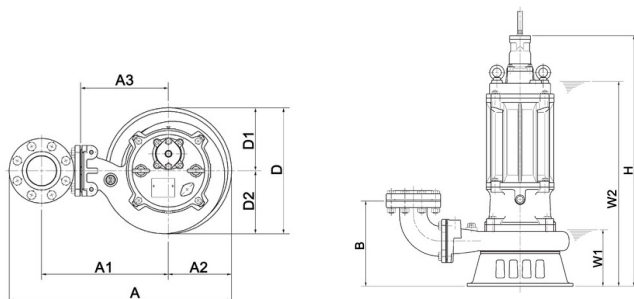
TECHNICAL INFORMATION | Pump, Motor, Others on the next page →

PUMP	COMPONENTS		MATERIAL	
	Impeller	Open type impeller	Impeller	Stainless steel casting DIN G-X6CrNiMo1810
	Bearings	Shielded ball bearings	Casing	Stainless steel casting DIN G-X6CrNiMo1810
	Mechanical Seal	Dual mechanical seal in oil bath	Suction Plate	Stainless steel casting DIN G-X6CrNiMo1810
			Pump Body	Stainless steel casting DIN G-X6CrNiMo1810
			Mechanical Seal	Silicon Carbide

MOTOR	MOTOR DATA		MATERIAL	
	Motor output kW	1,5	Shaft	Stainless steel EN-X5CrNiMo17-12-2
	Starting method	direct online	Cable	NSSHÖU 4C*1. 5mm²
	Type, Poles	Induction motor, 2 poles, IP68	Cable Length	10m
	Insulation	Insulation class F		
	Phase / Voltage	3-phase / 400V / 50Hz		
	r.p.m.	2916		
	Motor Protector (built-in)	Circle thermal cut-out		
	Rated Current	4.10		
	Voltage Change 400V --> 230V	Internal re-connection (delta)		
	Voltage Change 400V --> 690V	Re-Winding		

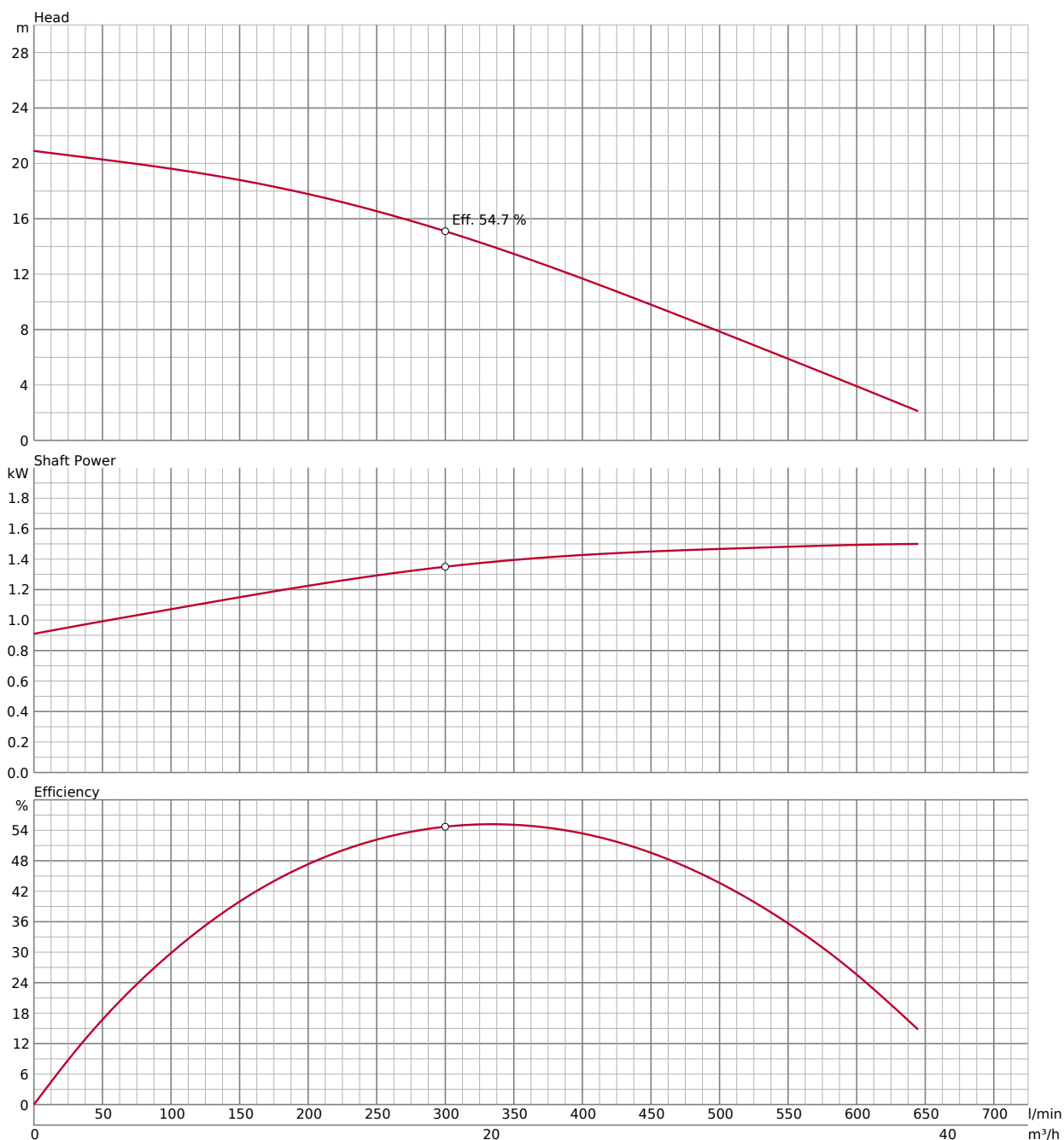
OTHERS	OTHERS	
	Dry Weight Kg	36
	Pressure Resistance	max. 30m

DIMENSIONS


DIMENSIONS - IN MM

A	329	D	221	H	484
A1	165	D1	110	W1	95
A2	110	D2	111	W2	415
B	109				

PERFORMANCE CURVE



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

ACCESSORIES

PUMP DISCHARGE **032-124-13**

3" Hose Coupling

3" discharge with suitable connection for hose coupling

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.



ACCESSORIES

MOTOR PROTECTION PLUGS **547150633tu**

Plug CEE 16A

SPECIFICATIONS

Amperage Control	4,0A - 6,3A	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 **547250633tu**

Plug CEE 32 A

SPECIFICATIONS

Amperage Control	4,0A - 6,3A	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



ACCESSORIES

MOTOR PROTECTION PLUGS **5571506000tu**

Plug with float connection CEE 16A

SPECIFICATIONS

Amperage Control	4,0A - 6,0A	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



MOTOR PROTECTION PLUGS **5572506000tu**

Plug with float connection CEE 32A

SPECIFICATIONS

Amperage Control	4,0A - 6,0A	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 **587150633**

CEE MS PW Stecker 16/5 6h 4.0-6.3A DFK IP67

SPECIFICATIONS

Amperage Control	4,0A - 6,3A	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



ACCESSORIES

MOTOR PROTECTION PLUGS **587250633**

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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.

