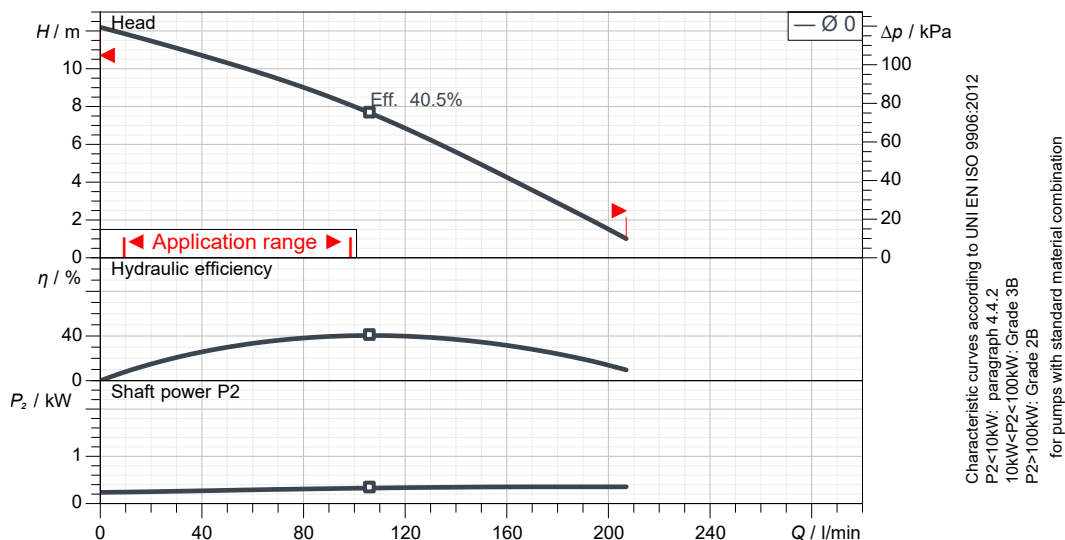


HSZ2.4S-53 220-240V

Technical specification

1~ 50 Hz



Pump

Series	HSZ
Pump name	HSZ2.4S-53 220-240V
Standard	

Motor data

Motor	HWE-2D 0.4-2 HS 240V
Rated voltage	220 V
Frequency	50 Hz
Motor phases	1~
Number of poles	2
Rated power P_2	0.40 kW

Rated current	2.7 A
rpm	2723 1/min
Rated torque	1.4 Nm
Start*	

Degree of protection	IP 68
Insulation class	E
Protection device	Miniature protector
Type of oil	Turbine oil VG32
Oil amount	0.16

Hydraulic

Free passage	
Impeller type	Vortex impeller
Max. hydraulic efficiency	40.5 %
Discharge	50 mm
Curve tolerance	UNI EN ISO 9906:2012

Operating limits (standard pumps)

Max. liquid temperature	40 °C
Max. density treated liquid	1030 kg/m ³
pH treated liquid	5-9
Max. start per hour (equally distributed)	10
Wet/dry use	WET
Operating mode	S1

Construction materials

Motor enclosure	Aluminium Die Casting 12
Shaft	403 Stainless Steel
Pump Casing	Gray Iron Casting 200
Impeller	Urethane rubber
Suction Cover	N/A
Suction plate	N/A
Painting	-
Screws	SWRM
Gaskets	NBR

Construction features

Power cable1	3C*1.25mm ²
Power cable2	N/A
Sheath	VCT
Control cable	N/A
Sheath	N/A
Cable length*	5
Mechanical seals	W-14VCA
Weight**	11.3 kg

* Please inquire about cable extensions
 ** cable's weight not included

Monitoring features

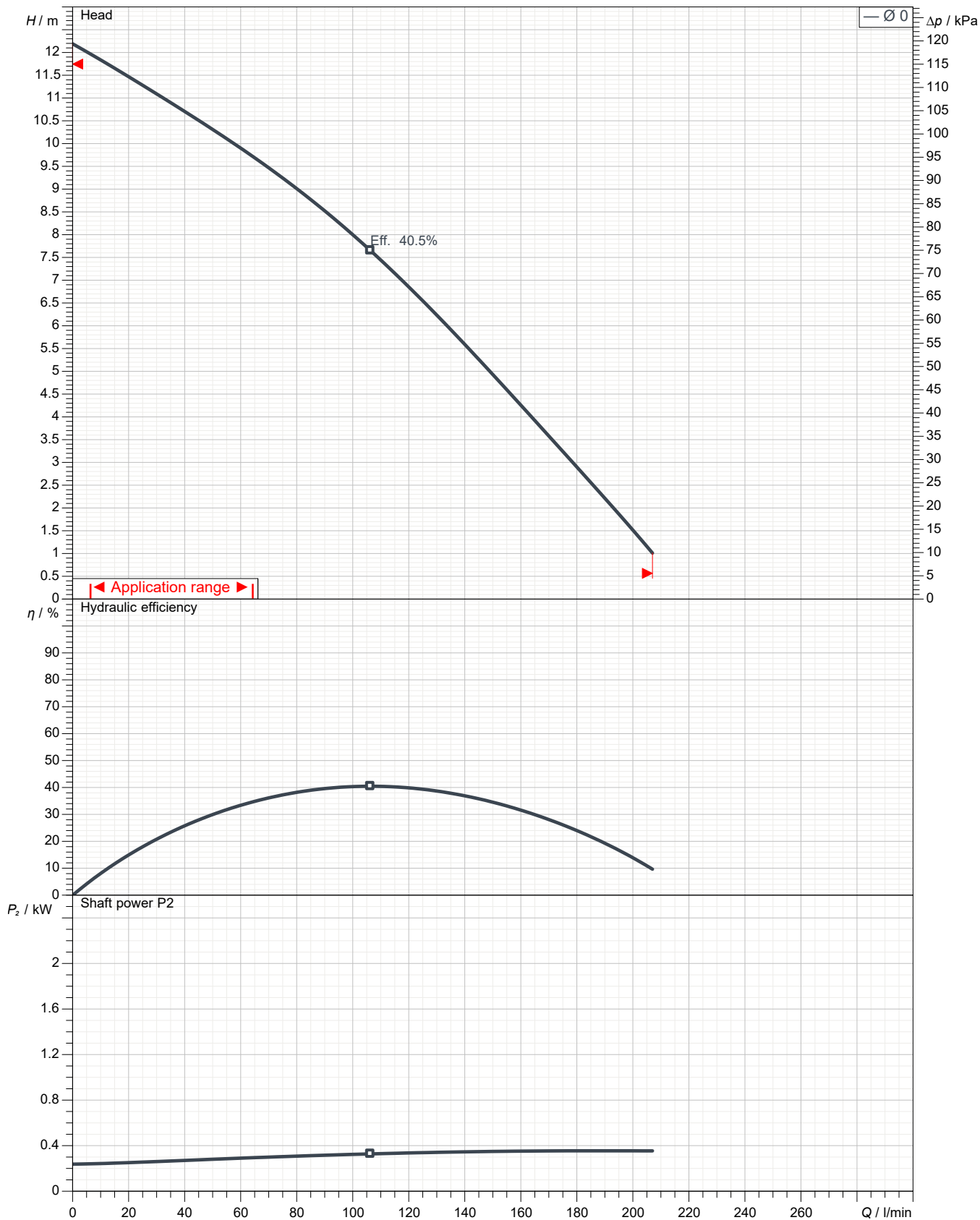
Monitoring option	
leaking sensor -	
monitoring equipment -	

HSZ2.4S-53 220-240V

Pump performance curves

3 ~ 50 Hz

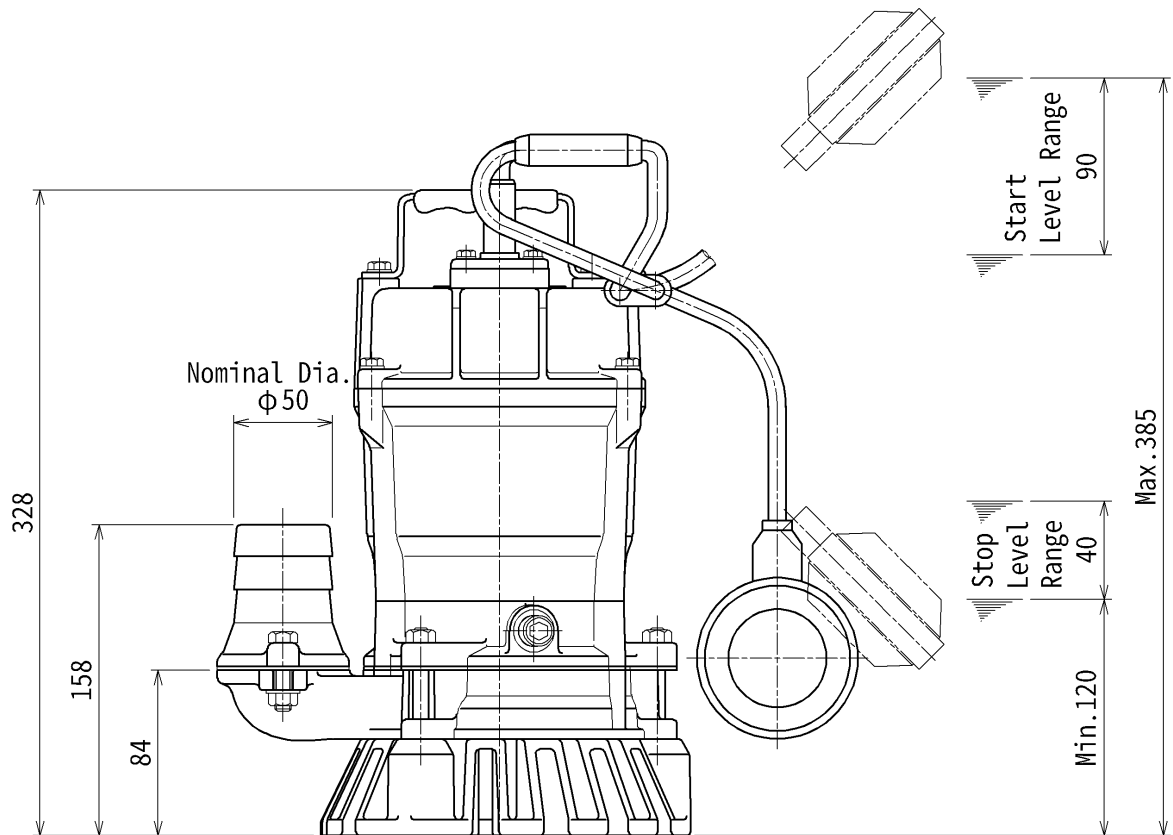
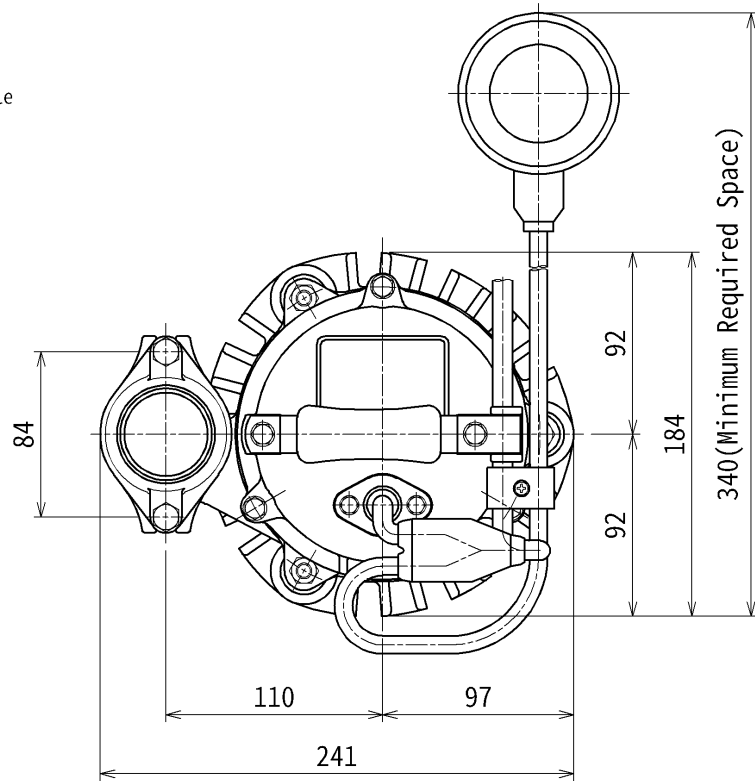
Discharge	Head	Capacity	Rated power	Voltage	Current	rpm
50 mm			0.4 kW	220 V	2.7 A	2723 1/min



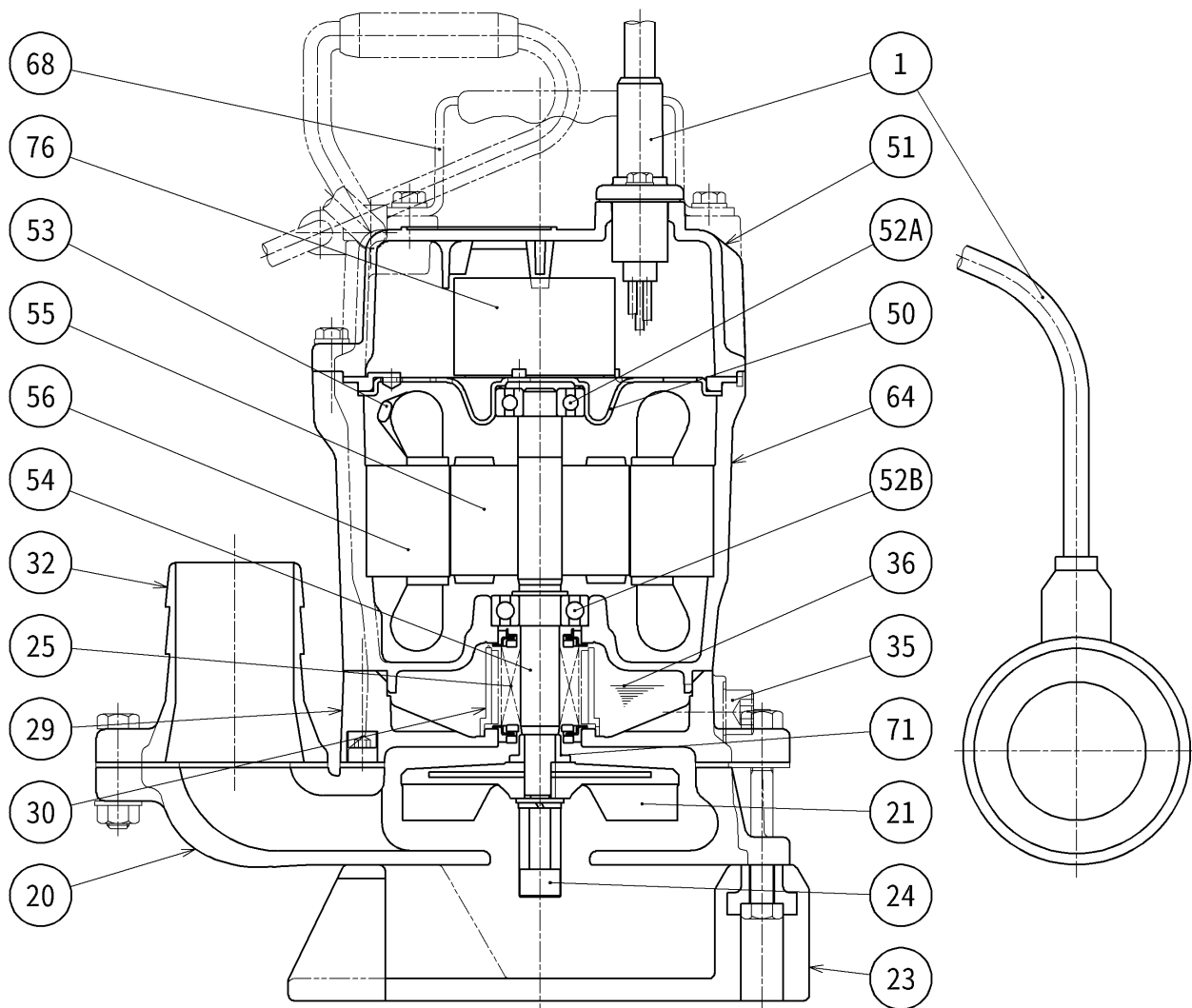
DIMENSION DRAWING		No.	No.	A-14664-45
TYPE Submersible Portable Dewatering Pump (Automatic)		MODEL HSZ2.4S -53		

Approximate Weight(※)
11.3kg

※excluding cable



SECTIONAL DRAWING			No.		No.	A-14665-85
TYPE	Submersible Portable Dewatering Pump (Automatic)			MODEL	HSZ2.4S -53	



REQ. SPECIFICATION

No.	DESCRIPTION	Q'TY	MATERIAL / NOTE	No.	DESCRIPTION	Q'TY	MATERIAL / NOTE
1	Cabtyre Cable c/w Float	1	PVC Sheath	52A	Upper Bearing	1	6201ZZC3
20	Pump Casing	1	Gray Iron Casting 200	52B	Lower Bearing	1	6202ZZC3
21	Impeller	1	Urethane Rubber	53	Motor Protector	1	
23	Strainer Stand	1	Vinyl Chloride	54	Shaft	1	403 Stainless Steel
24	Agitator	1	Sintered Alloy	55	Rotor	1	
25	Mechanical Seal	1	W-14VCA	56	Stator	1	
29	Oil Casing	1	Gray Iron Casting 200	64	Motor Frame	1	Aluminium Die Casting 12
30	Oil Lifter	1	Plastic	68	Handle	1	Steel Sheet & Natural Rubber
32	Hose Coupling	1	Aluminium Die Casting 12	71	Shaft Sleeve	1	304 Stainless Steel
35	Oil Plug	1	304 Stainless Steel	76	Capacitor	1	
36	Lubricant		Turbine Oil(ISO VG32)				
50	Motor Bracket	1	Steel Sheet				
51	Motor Head Cover	1	Aluminium Die Casting 12				