

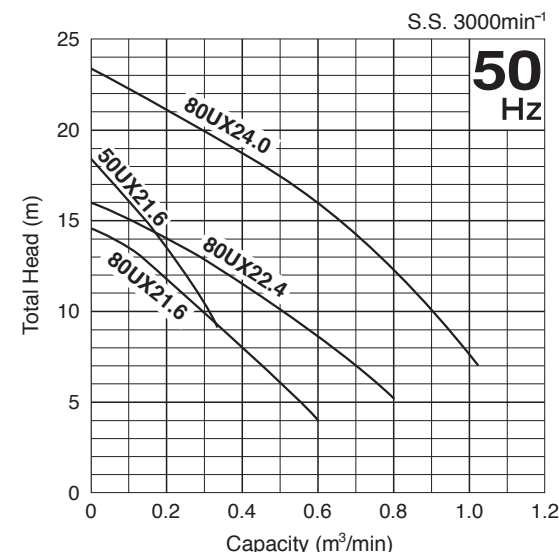
UX 50Hz only

The UX-series is the explosion-proof type of the U-series and is available for operating in an area in which an explosive atmosphere occurs occasionally. The pump conforms to the relevant EU directives and is certified by ATEX II 2 G Ex d IIB T4 standard.



- Applications
- Transferring sewage and wastewater to wastewater treatment plant
 - Dewatering wastewater from industrial plant (e.g. petrochemical plant, etc)
 - Pumping wastewater from collection sump where explosive atmosphere is likely to present

■ Performance Curves



■ Major Standard Specifications

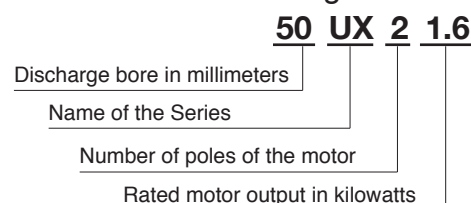
Discharge Bore		mm	50	80
Pumping Fluid	Type of Fluid	Wastewater, and Liquid carrying Waste and Solid Matters		
	Fluid Temperature	0 to 40°C		
Pump	Structure	Impeller	Vortex Impeller	
		Shaft Seal	Double Mechanical Seal with Oil Lifter	
		Bearing	Double-shielded Ball Bearing	
	Materials	Impeller	Gray Iron Casting	
		Casing	Gray Iron Casting	
Shaft Seal	SiC			
Motor	Type, Pole	Dry Type Submersible Induction Motor 2-pole		
	Class of Insulation	Class F		
	Phase	Three-phase		
	Starting Method	Direct on Line		
	Protection Device (built-in)	Miniature Thermal Protector		
	Lubricant	Turbine Oil (ISO VG32)		
	Materials	Frame	Gray Iron Casting	
Shaft		420 Stainless Steel		
Cable		Chloroprene Rubber		
Discharge Connection		Screwed Flange (1.6kW only) JIS 10K Flange		

■ Standard Specifications

Discharge Bore mm	Model		Motor Output kW	Starting Method	Speed (S.S.) min ⁻¹	Impeller Passage mm	Dry Weight * kgs		Cabtyre Cable						
	Free Standing	Guide Rail Fitting					Free Standing	Guide Rail Fitting	No. of Cables	200 ~ 240 V		380 ~ 415 V		Length m	Material
50	50UX21.6	TOS50UX21.6	1.6	D.O.L	3000	35	41	46		1	—	—	6 x 1.5		
80	80UX21.6	TOS80UX21.6	1.6	D.O.L	3000	46	51	47	1	—	—	6 x 1.5	14.0~14.6	10	Chloroprene Rubber
80	80UX22.4	TOS80UX22.4	2.4	D.O.L	3000	56	65	61	1	—	—	6 x 1.5	14.0~14.6	10	Chloroprene Rubber
80	80UX24.0	TOS80UX24.0	4.0	D.O.L	3000	56	65	61	1	—	—	6 x 1.5	14.0~14.6	10	Chloroprene Rubber

* Dry weight
All weights excluding cable
Weights of guide rail fitting excluding duckfoot bend

■ Model Number Designation



■ Standard Accessories

Free Standing

- Discharge Bend (with Packing & Bolts)
- Screwed Flange
- -1.6kW only
- JIS 10kg/cm² Flange (with Packing, Bolts & Nuts)
- -2.4kW and above

Guide Rail Fitting - TOS

- Lifting Chain 5m, (with Shackles)
- Guide Support (with Bolts & Nuts)
- Guide Hook (with Bolts)
- Duckfoot Bend
- Guide Connector (with Bolts)
- JIS 10kg/cm² Flange (with Packing, Bolts & Nuts)
- Foundation Bolts (with Nuts)