



50Hz & 60Hz

Innovation • Professionalism • Service



AFG SERIES

SUBMERSIBLE SLURRY PUMP

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FEATURE

1. Offering the highest in quality and performance with a international standard design.
2. Harden and abrasion resistant impeller with a 30~33 HRC Hardness. Abrasion resistant Chrome steel wear ring equipped for model AF-610/615.
3. Equipped with harden ductile iron agitator with a hardness of 50~55 HRC to create a powerful stirring action to remove fine solids



APPLICATIONS

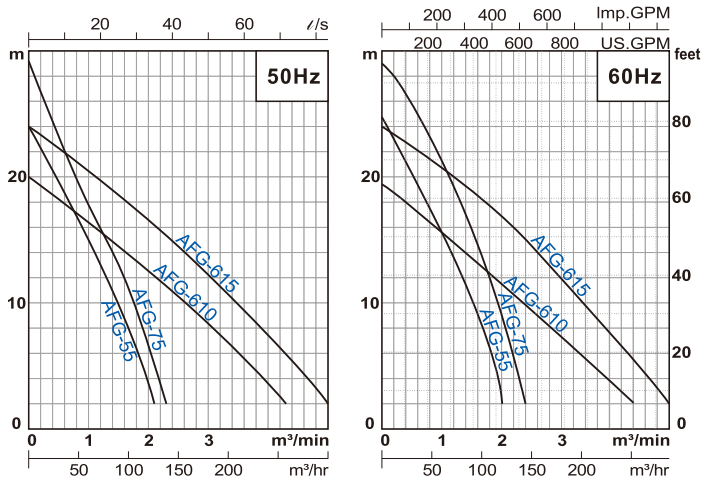
1. Sand and gravel, coal plants, construction sites.
2. Sludge, Silt removal.
3. Agitates larger solids from the sump floor.



SPECIFICATIONS

Item		Description
Limits Of Use	Liquid Temp.	0~40 °C
	Applications	Dewatering Fluid Contains Solid Sediment
	Submersion Depth	30m
Type	Frequency	50Hz • 60Hz
	Motor	4P • Dry Motor
	Insulation	Class F
	Protection	IP68
	Protector	Auto-cut (AFG-615 : MTS)
	Bearing	Ball Type
	M.seal	Double M.seal
Material	Impeller	Enclosed-channel
	Upper Cover	FC-200
	Motor Frame	FC-200
	Main Shaft	SUS420J2
	Impeller	FC-200 + Heat Treatment
	M.seal	Upper : Carbon/Ceramic lower : Silicon/Silicon
	Casing	FC-200
	Agitator	FCD-700 + Heat Treatment
	Wear Ring	AFG-610/615 : Chrome Steel
	Casing Cover	AFG-55/75 : FC-200 + Heat Treatment AFG-610/615 : FC-200
	Cable	VCT or H07RN-F or SOW (10HP/230V:SJOW)
Optional	Pump can be customized to fit specifications	

PERFORMANCE CURVES



PERFORMANCE SPEC.

50Hz												
Model	Power HP (kW)	Discharge inch (mm)	Pole	Motor		Standard		Weight kg	solid Passage mm	Dimensions mm		
				Phase Ø	Start Method	M	m³/min			Width	Length	Height
AFG-55	7½ (5.5)	4" (100)	4	3	Direct	15	1	149	26	687	405	795
AFG-75	10 (7.5)	4" (100)	4	3	Direct	18	1	163	26	687	405	816
AFG-610	10 (7.5)	6" (150)	4	3	Direct	10.5	2.5	222	54	888	449	870
AFG-615	15 (11)	6" (150)	4	3	Y-Δ	14.5	2.5	262	54	895	477	988

60Hz												
Model	Power HP (kW)	Discharge inch (mm)	Pole	Motor		Standard		Weight kg(lb)	solid Passage mm(inch)	Dimensions mm(inch)		
				Phase Ø	Start Method	m (ft)	m³/min (GPM)			Width	Length	Height
AFG-55	7½ (5.5)	4" (100)	4	3	Direct	15.5(50)	1(265)	146(322)	26(1)	687(27)	405(16)	795(31)
AFG-75	10 (7.5)	4" (100)	4	3	Direct	21(70)	1(265)	160(353)	26(1)	687(27)	405(16)	816(32)
AFG-610	10 (7.5)	6" (150)	4	3	Direct	9.5(48)	2.5(660)	220(485)	54(2)	888(35)	449(18)	870(34)
AFG-615	15 (11)	6" (150)	4	3	Y-Δ	14.5(30)	2.5(660)	261(575)	54(2)	895(35.2)	477(19)	988(39)

We reserve the right to alter specifications of product at any time without giving prior notice.

AGENT :