

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS 100(150)AFE45.5 · 100(150)AFE47.5

## SPECIFICATIONS

Item	Description
Limits of Use:	Liquid Temp. 0-40°C(32-104°F) Applications Wastewater · Sewage · Industrial Wastewater
Type	Frequency 60HZ
	Motor 4P(1800rpm) · Dry Motor
	Insulation Class H
	Protection IP65
	Protector Auto-cut
	Bearing Ball type
	M.seal Double M.seals
	Impeller Channel
	Upper Cover FC200
	Motor Frame FC200
Material	Shaft SUS420J2
	M.seal CA/CE & SIC/SIC
	Casing FC200
	Impeller FC200
	Cable VCT or H07RN-F or SOW
Optional -	



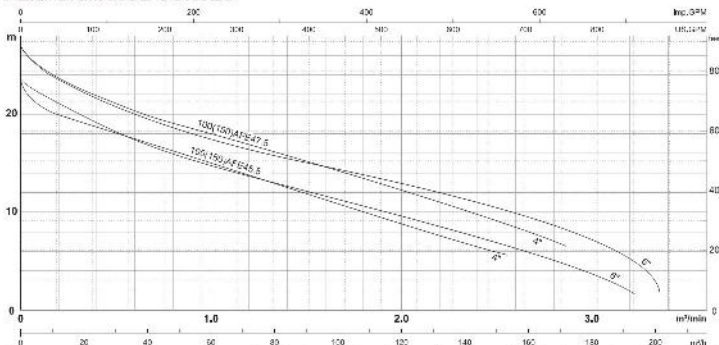
E Type Channel Impeller



100(150)AFE45.5 · 100(150)AFE47.5

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m <sup>3</sup> /min	ft-GPM	m <sup>3</sup> /min	ft-GPM		10(kg/lbs)	30(kg/lbs)		110V	120V	220V	230V	380V	480V	575V
100(150) AFE45.5	7.5(5.5)	4"(100)	14.5-1.0	48-285	23.5-2.5	77-685	78(3")	-	104(225)	-	-	-	21.0	20.2	12.4	10.1	8.4
100(150) AFE47.5	10(7.5)	4"(100)	12-1.5	39-395	23.5-3.3	77-870	78(3")	-	104(225)	-	-	-	21.0	20.2	12.4	10.1	8.4
		6"(150)	15-1.5	49-395	27-3.4	86-900	78(3")	-	113(249)	-	-	-	27.4	26.4	16.1	13.2	11.0

## PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	H-feet	Q-m <sup>3</sup> /min								Q-m <sup>3</sup> /h							
				10'	20'	30'	40'	50'	60'	70'	80'	0.4	0.8	1.2	1.6	2	2.4	2.8	3.2
100(150) AFE45.5	7.5(5.5)	4"(100)	Q-US.GPM	-	950	516	363	254	124	19	-	H:m	19.8	16.2	13.8	11.4	8.9	8.4	-
		6"(150)		813	604	550	359	240	128	45	-		13.1	16.0	13.6	11.6	9.6	7.4	5.1
100(150) AFE47.5	10(7.5)	4"(100)	Q-US.GPM	-	-	660	618	364	263	112	8	H:m	21.9	18.1	16.9	14.8	12.4	9.8	7.0
		6"(150)		979	922	717	574	386	237	124	43		21.8	18.6	16.2	14.8	13.3	11.0	9.8