

AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS 100(150)AFE422 · 100(150)AFE430

SPECIFICATIONS

Item	Description
Limits of Use	Liquid Temp. 0~40°C(32~104°F)
	Applications Wastewater · Sewage
Type	Frequency 50Hz
	Motor 4P(1500rpm) · Dry Motor
	Insulation Class H
	Protection IP68
	Protector MTS & MS
	Bearing Ball type
	M.seal Double M.seals
Material	Impeller Channel
	Upper Cover FC200
	Motor Frame FC200
	Shaft SUS420J2
	M.seal CA/CE & SIC/SIC
	Casing FC200
	Impeller FC200
Cable VCT or H07RN-F or SOW	
Optional -	



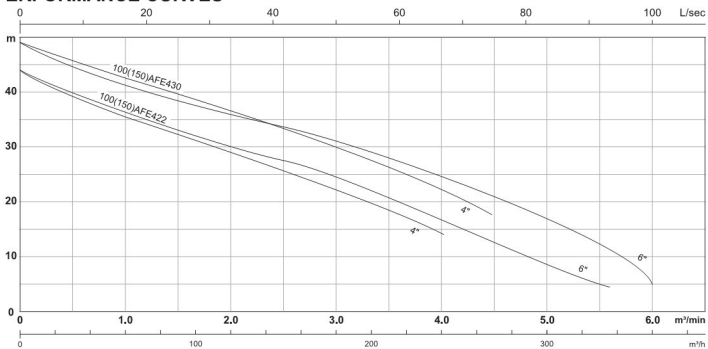
E Type Channel Impeller



100(150)AFE422 · 100(150)AFE430

Model	Power HP(kW)	Discharge Inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m ³ /min	m ³ /h	m ³ /min	m ³ /h		1Ø-kg(lb)	3Ø-kg(lb)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	
100(150) AFE422	30(22)	4(100)	35.5-1.0	35.5-60	43-4.0	43-240	76(3")	-	229(505)	Full load Ampere	-	-	78.0	43.8	43.0	43.0	34.4
		6(150)	27.5-2.5	27.5-150	43-5.6	43-336	76(3")	-	229(505)		-	-	78.0	43.8	43.0	43.0	34.4
100(150) AFE430	40(30)	4(100)	42-1.0	42-60	49-4.5	49-270	76(3")	-	250(551)		-	-	99.4	57.4	55.6	55.2	44.2
		6(150)	33.5-2.5	33.5-150	49-6.0	49-360	76(3")	-	250(551)		-	-	99.4	57.4	55.6	55.2	44.2

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge Inch(mm)	Q: m ³ /min		Q: m ³ /h		Q: l/s	H: m										
			0.5	1	1.5	2		3	4	5	6	10	20	30	40	50	60	80
100(150) AFE422	30(22)	4(100)	39.2	35.4	32.4	29.0	22.2	14.2	-	-	38.4	34.2	30.4	26.4	22.2	17.8	-	-
		6(150)	39.9	36.4	33.2	30.0	24.6	16.8	8.6	-	-	39.6	35.0	31.2	28.0	24.6	20.0	10.2
100(150) AFE430	40(30)	4(100)	45.8	42.6	39.7	36.6	30.0	22.2	-	-	45.0	41.4	37.8	34.1	30.0	25.6	-	-
		6(150)	44.6	41.3	28.4	36.0	31.1	24.6	17.0	5.0	44.0	40.0	37.0	34.1	31.1	27.4	18.6	5.0