

# AMRUT<sup>®</sup>

.....Discover Your Product  
With our Imagination.....



**SEWAGE SUBMERSIBLE PUMP**



**DEWATERING SUBMERSIBLE PUMP**



**PORTABLE SUBMERSIBLE PUMP**



**OPEN WELL SUBMERSIBLE PUMP**



**MONOBLOCK PUMP**



**SELF PRIMING MUD PUMP**



**SELF PRIMING PUMP**



**CENTRIFUGAL PUMP**

# AMRUT<sup>®</sup> DEWATERING DRAINAGE SUBMERSIBLE PUMP SERIES "AMDFD"

**AMRUT** Dewatering drainage electric submersible pumps are designed to reach places where other pumps can't go. They are light in weight which makes handling and installation simple. Pump and Motor are fitted on single shift. Vertical construction motor above and pump below ensure to remove maximum dirty water from the pit. Low Maintenance cost and easy to repair with better life.

## TECHNICAL SPECIFICATION

Motor : Two Pole continuous Duty Squirrel  
Cage Sub. Type Induction Motor  
Speed : 3000 RPM  
Connection : DOL (Star Delta Optional)  
Range : 1.0 HP to 50.0 HP  
Temp : Ambient (Also available for higher  
temp. on request)  
Voltage : 220V, 1 Ph, 50Hz (0.75 HP to 2 HP)  
415V, 3 Ph, 50Hz (0.75 HP to 50HP)  
Insulation : Class 'F'  
Protection : IP-68

## MATERIAL OF CONSTRUCTION

Motor Body : S.S.202  
Cooling Jacket : S.S.202  
Bypass : C.I IS 210 FG260  
Shaft : S.S.410  
Impeller : C.I. IS 210 FG260  
Strainer : S.S.  
Fasteners : S.S.  
Cable : PVC Insulated Double Sheathed  
Copper Conductor Round Flexible  
Cable  
Mechanical Seal: TC Vs. TC  
Optional MOC of S.S., Alluminium, Bronze available on  
Request.

## APPLICATION

- ❖ Building & Constructions
- ❖ Quarries
- ❖ Flood relief
- ❖ Underground Utilities
- ❖ Industries
- ❖ Dry Dock/Off Shore
- ❖ Mining
- ❖ Tunneling
- ❖ Power/Steel Plant

## AVAILABLE ON REQUEST

Float Arrangement in Single Phase Pumps

## PERFORMANCE TABLE (SPEED: 2900 RPM)

MODEL	H.P.	DEL. SIZE	DISCHARGE IN LPM	HEAD IN METERS												SHUT OFF		
				2	4	6	8	10	12	14	16	18	20	24	28		32	
AMDFD121	1.0	50		400	352	304	240	144										12
AMDFD151.5	1.5	50		800	660	460	160											9
AMDFD121.5	1.5	50		470	430	385	335	270	180	70								15
AMDFD152	2.0	50		90	800	625	440											10
AMDFD122	2.0	50		550	525	485	437	380	312	225	125							18
AMDFD153	3.0	75		950	880	800	700	600	490	370	260	120						20
AMDFD123	3.0	50			400	385	370	360	340	325	300	275	250	175	65			3
AMDFD205	5.0	100			2200	2000	1760	1400	920	200								15
AMDFD155	5.0	75			1100	1070	1050	1000	930	820	675	590	240					22
AMDFD125	5.0	50			750	720	690	650	615	580	525	480	420	270	105			30
AMDFD207.5	7.5	100			2400	2250	2100	1800	1400	800								16
AMDFD157.5	7.5	75			1375	1305	1250	1180	1125	1045	966	875	750	500	170			30
AMDFD3010	10.0	150		4200	3900	3600	3200	2700	2000	1200								16
AMDFD3012.5	12.5	150			4500	4200	3850	3400	2800	2100	1250							18
AMDFD3015	15.0	150			4500	4250	3950	3650	3350	3000	2600	2200	1800	950				28
AMDFD3020	20.0	150			5000	4750	4500	4250	4000	3750	3400	3100	2750	2000	1200	400		34
AMDFD3525	25.0	200				6750	6300	5925	5300	4500	3750	2550	1500					22
AMDFD3530	30.0	200					7125	6750	6300	5700	5150	4125	3000	675				25
AMDFD3535	35.0	200					7650	7275	6900	6525	6000	5400	4725	3000				28
					4	8	12	16	20	24	28	32	36	40	45	50	55	
AMDFD1510	10.0	75		2400	2200	2000	1750	1400	1000	500								32
AMDFD2010	10.0	100		2400	2200	2000	1750	1400	1000	500								32
AMDFD2012.5	12.5	100		2500	2350	2150	1950	1700	1400	1000	550							36
AMDFD2015	15.0	100		2800	2600	2400	2175	1950	1700	1400	1100	750	350					43
AMDFD2020	20.0	100			2640	2550	2400	2220	2040	1860	1620	1380	1080	660	180			52
AMDFD2525	25.0	150				3800	3500	3150	2800	2400	2000	1600	1100	450				48
AMDFD2530	30.0	150				4000	3800	3500	3200	2800	2500	2100	1700	1100	500			54
AMDFD2535	35.0	150				4400	4200	3900	3650	3300	3000	2600	2200	1650	1050	550		60
				5	10	15	20	25	30	35	40	45	50	55	60	65		
AMDFD3540	40.0	150		7100	6350	5550	4550	3350	1775									35
AMDFD3550	50.0	150		800	7350	6350	5650	4700	3650	2334	1334							45
AMDFD3040	40.0	150		4200	4000	3770	3550	3310	3000	2640	2300	1850	1350	600				60
AMDFD3050	50.0	150			4500	4250	4100	3840	3625	3350	3050	2640	2350	1890	1400	700		70

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SECOND FLOOR, MOTILAL CETER, NEAR DINESH HALL, AHARAM ROAD, AHMEDABAD- 380 009. (INDIA)

TEL.: (91) (79) 2754 6932, 2754 6058, 2754 6170

# AMRUT<sup>®</sup> NON-CLOG SELF PRIMING PUMP SERIES "AMDFSP"

**AMRUT** Non-Clog self priming pumps are used in various applications like Civil Constriction, Marin, Utilities and Mobile Machinery. **AMRUT** Pumps are heavy in Weight for sturdiness and better long life. Provide sufficient size of passage to pass solids from the casing. Most popular and suitable for any dirty water application.

## TECHNICAL SPECIFICATION

Head : 6 – 34 Mtr.  
Capacity : 74 LPS to 0.6 LPS

## POWER RATING

For Motor Drive : 1.0 HP to 25 HP  
For Engine Drive : 1.0 HP to 12.5 HP

## MATERIAL OF CONSTRUCTION

Impeller : Cast iron S.S.304 / 316 / Bronze  
Delivery Casing : Cast Iron S.S.304 / 316 / Bronze  
Shaft : EN-8 S.S.410/316/304  
Shaft Sleeve : S.S.410 S.S.304/316  
Shaft Sealing : Gland Packed Mechanical Seal/Teflon

## APPLICATION

- ❖ Civil Construction : Dewatering of Excavation Water, Tranches, Pits
- ❖ Public Utilities : Sewage Pumping
- ❖ Marine : Pumping Water from Docks Ports, Vessels
- ❖ Industrial : Pumping Petroleum Products, Chemicals, Effluents ash water, tiles, marbles, filter press etc.
- ❖ Mobile Machinery : Cooling Water for marine engines and solvents

## PERFORMANCE TABLE

MODEL	KW/HP	SUC./DEL.	RPM	DISCHARGE IN LPS	TOTAL HEAD IN METER											SOLID SIZE (MM)				
					6	8	10	12	14	16	18	20	22	25	26		28	30	32	
AMD15FSP1H	0.75/1.0	40X40	2900		4.5	4.0	3.4	2.6	1.5	0.8	-	-	-	-	-	-	-	-	-	7.0
AMD15FSP2H	1.5/2.0	40X40	2900		-	-	6.2	5.5	4.7	3.9	2.7	1.4	-	-	-	-	-	-	-	8.5
AMD2FSP3H	2.2/3.0	50X50	2900		-	-	9.2	8.7	8.1	7.2	6.4	5.3	4.0	1.4	-	-	-	-	-	10.5
AMD3FSP5L	3.7/5.0	80X80	1450		-	-	18.0	16.2	13.6	10.2	5.5	-	-	-	-	-	-	-	-	7.0
AMD3FSP5H	3.7/5.0	80X80	2900		-	-	-	-	-	-	-	10.0	9.2	7.4	6.7	5.2	3.6	1.8	-	15.5
AMD3FSP75H	5.5/7.5	80X80	2900		-	-	-	-	-	-	-	17.0	16.3	14.8	14.1	12.5	10.6	8.2	-	14.5
AMD4FSP10L	7.5/10.0	100X100	1450		-	-	35.9	33.9	31.5	28.0	23.8	18.8	12.0	-	-	-	-	-	-	18.5
AMD4FSP125L	9.3/12.5	100X100	1450		-	-	41.4	39.3	36.7	33.8	30.4	26.4	21.9	14.0	10.0	-	-	-	-	23.0
AMD6FSP20L	15/20.0	150X150	1450		-	-	66.2	63.3	59.5	54.6	49.6	42.6	35.3	-	-	-	-	-	-	34.0
AMD6FSP25L	18.5/25.0	150X150	1450		-	-	74.9	72.2	68.6	63.9	58.4	52.1	44.4	27.4	20.0	-	-	-	-	40.0
AMD8FSP60L	45.0/60.0	200X200	1450		-	-	-	-	176.0	168.0	160.0	149.0	130.0	80.0	55.0	-	-	-	-	50.0
AMD3FSP5L	4.0/6.0	80X80	1500		-	-	-	17.1	14.7	11.5	7.9	3.8	-	-	-	-	-	-	-	15.5
AMD3FSP5L	9.0/12.0	80X80	1800		-	-	-	-	-	21.5	20.1	18.4	16.1	11.5	9.5	5.4	-	-	-	15.5
AMD4FSP10L	9.0/12.0	100X100	1500		-	-	-	35.7	33.2	30.6	27.7	24.4	20.9	14.0	10.9	-	-	-	-	18.5
AMD4FSP125L	10.50/14.0	100X100	1500		-	-	-	39.8	38.4	36.2	33.4	30	25.8	18.3	15.4	9.2	-	-	-	23.0
AMD6FSP20L	16.50/22.0	150X150	1500		-	-	67.5	65.6	62.5	58.6	53.6	47.4	40.4	27.7	21.6	-	-	-	-	34.0
AMD6FSP25L	19.50/26.0	150X150	1500		-	-	76.8	74.3	71.4	67.5	62.2	56.3	50.1	38	29.7	-	-	-	-	40.0

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# AMRUT<sup>®</sup> SEWAGE SUBMERSIBLE PUMP SERIES "AMDFS"

**AMRUT** Sewage Submersible Pumps are designed for pumping Raw Sewage, Sludge, and Effluents including liquids containing large proportion of solid or fibrous matter. High efficiency motor ensures low cost operation and better life.

## TECHNICAL SPECIFICATION

Motor : Four / Six Pole Squirrel Cage Sub. Type Continuous Duty Induction Motor  
 Speed : 1500RPM / 1000RPM  
 Connection : DOL / Star Delta / ATS  
 Temp : Ambient  
 Voltage : 415V, 3Ph, 50Hz. (Optional Available)  
 Insulation : Class 'F'  
 Protection : IP-68

## MATERIAL OF CONSTRUCTION

Moto Body : C.I. IS 210 FG260  
 Pump Casing : C.I. IS 210 FG260  
 Shaft : S.S. 410  
 Impeller : C.I. IS 210 FG260  
 Fasteners : S.S. 202  
 Cable : PVC Insu. Copper Conductor Double Sheathed Flexible Cable  
 Mechanical Seal: Sic. Vs. Sic & C Vs. Sic  
 Optional MOC of S.S./Bronze available on request.

## APPLICATION

- ❖ Sewage System
- ❖ Flood & Pollution Control
- ❖ Industrial Dewatering
- ❖ Waste Water Treatment Plants
- ❖ Municipal Sewage Pumping for removal of unscreened sewage stations.

## SALIENT FEATURES

- ❖ Heavy Duty Cast Iron Two/Single Van Non-clog Semi Open Impeller to pass large size of solids with better efficiency.
- ❖ Heavy duty cast iron Volute type casing for maximum efficiency.
- ❖ Designed for continuous operation.
- ❖ Heavy duty motor design ensure better life and sturdiness.
- ❖ Motors are supplied with Temp. Sensors in Winding & Moisture Sensors in oil Chamber.
- ❖ Portable / Fixed Installation.

## PERFORMANCE TABLE (SPEED: 1450 RPM)

MODEL	H.P.	DEL. SIZE	SOLID SIZE	HEAD IN METERS												SHUT OFF	
				2	4	6	8	10	12	14	16	18	20	22	24		
AMDFS302	2.0	50	30	570	480	390	300	200	70								13
AMDFS303	3.0	50	30	650	600	530	460	400	300	200	100						18
AMDFS305	5.0	50	30		800	750	690	650	590	530	450	375	290	180	60		25
AMDFS407.5	7.5	65	30	1150	1080	1025	960	900	840	710	680	540	490	350	210		28
AMDFS4010	10.0	65	30	1330	1270	1200	1125	1080	1000	910	830	750	670	580	480		31
AMDFS853	3.0	100	85	1410	1260	1050	800	450									12
AMDFS855	5.0	100	85	1800	1650	1500	1320	1100	800	520	120						17
AMDFS857.5	7.5	100	85			2125	1900	1600	1250	850	400						17
AMDFS8510	10.0	100	85		2600	2475	2325	2100	1800	1375	750						18
AMDFS8512.5	12.5	100	85		3375	3187	2963	2700	2400	2000	1500	937	300				21
AMDFS8515	15.0	100	85		3750	3550	3300	3000	2700	2350	1950	1470	900	300			23
AMDFS10012.5	12.5	150	100		4200	3700	3150	2500	1800	100							16
AMDFS10015	15.0	150	100		5187	4750	4350	3700	3000	2125	1250	375					19
AMDFS10020	20.0	150	100		6000	5625	5125	4625	4100	3500	300	2312	1625	875			24
					6	8	12	16	20	24	28	32	36	40	45	50	
AMDFS607.5	7.5	80	60	1410	1335	1155	915	600									24
AMDFS6010	10.0	80	60	1590	1500	1350	1140	900	600	150							29
AMDFS6012.5	12.5	80	60		1800	1600	1440	1240	1000	700	280						34
AMDFS6015	15.0	100	60		2000	1825	1600	1350	1000	250							29
AMDFS6020	20.0	100	60		2250	2100	1975	1800	1575	1200	550						35
AMDFS6025	25.0	100	60	2640	2580	2460	2280	2100	1860	1560	1200	780					40
AMDFS6030	30.0	100	60	2940	2880	2760	2580	2400	2160	1920	1600	1200	720				45
AMDFS6035	35.0	100	60	3225	3150	3000	2850	2700	2475	2250	2025	1725	1350	750			50
AMDFS10025	25.0	150	100	5437	5125	4375	3500	2250	600								25
AMDFS10030	30.0	150	100	5937	5687	5062	4350	3125	1625								26
AMDFS10035	35.0	150	100	6500	6250	5625	4875	4000	3000	1600							25
					7	10	15	20	25	30	35	40	45	50	55	60	
AMDFS10040	40.0	150	100	6500	6100	5300	4400	3200	2000	700							37
AMDFS10050	50.0	150	100		6500	6000	5200	4400	3500	2400	1200						45
AMDFS10060	60.0	150	100			6500	6000	5500	5000	4400	3800	3000	2250	1250			60
AMDFS12540	40.0	200	100	7500	6750	5325	3750	750									26
AMDFS12550	50.0	200	100	8250	7650	6750	5250	300									30

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# AMRUT<sup>®</sup> PORTABLE SUBMERSIBLE PUMP SERIES "AMDFP"

**AMRUT** Portable Pumps are designed to reach places where often pumps can't go. They are light in weight makes easy handling and installation. Pumps and motor both are fitted on single shaft. Motor above and pump below ensure to remove maximum sludge water from the pit. Low maintenance cost and easy to repair with better life.

## TECHNICAL SPECIFICATION

Motor : Two pole continuous Duty Squirrel Cage  
Sub. Type Induction Motor  
Speed : 3000RPM  
Connection : DOL (Star Delta Optional)  
Temp : Ambient  
Voltage : 220V, 1Ph, 50Hz. (1 HP to 3 HP)  
415V, 3Ph, 50Hz. (1 HP to 20 HP)  
Insulation : Class 'F'  
Protection : IP-68

## MATERIAL OF CONSTRUCTION

Moto Body : S.S.202  
Pump Casing : C.I. IS 210 FG260  
Shaft : S.S. 410  
Impeller : C.I.IS 210 FG260  
Fasteners : S.S. 202  
Cable : PVC Insu. Copper Conductor Flexible  
Cable  
Mechanical Seal: TC Vs. TC OR SIC Vs. SIC  
Optional MOC of S.S./Allu./Bronze available on request.

## APPLICATION

- ❖ Suitable for handling screened sewage
- ❖ Removal of Kitchen Waste
- ❖ Cleaning of Manholes/Tranches
- ❖ Removes all sorts of industrial waste

## AVAILABLE ON REQUEST

Float Arrangement in Single Phase Pumps  
Auto-Coupling Arrangement  
Cutter Arrangement, Agitator Arrangement

## PERFORMANCE TABLE (SPEED: 2900 RPM)

MODEL	H.P.	DEL. SIZE	SOLID SIZE	DISCHARGE IN LPM	HEAD IN METERS										SHUT OFF		
					2	4	6	8	10	12	15	20	25				
AMDFP12075	0.75	40	12			220	180	140	95								1.5
AMDFP351	1.0	50	35			375	307	250	167	100							13.5
AMDFP351.5	1.5	50	35			455	375	315	250	190	50						15.5
AMDFP25152	2.0	50	25			600	540	480	415	345	240	40					21
AMDFP253	3.0	50	25					450	425	400	350	220					23
AMDFP255	5.0	50	25							540	450	350	100				30
						2	4	6	8	10	12	14	16	18			
AMDFP503	3.0	80	50			1000	875	750	610	470	320	140					17
AMDFP505	5.0	80	50			1230	1160	1090	1010	920	820	695	480				20
AMDFP507.5	7.5	100	50			1940	1800	1640	1400	1140	820	440					18
AMDFP5010	10.0	100	50			2200	2120	2000	1840	1600	1320	1000	560				20
						6	12	18	24	30	36	42	48	54			
AMDFP25153	3.0	50	25			540	410	270	120								28
AMDFP25155	5.0	50	25			715	640	550	445	310	140						40
AMDFP25157.5	7.5	50	25			720	670	620	545	465	335	105					44
AMDFP50157.5	7.5	100	50			1510	1250	970	650	300							34
AMDFP251510	10.0	50	25				980	920	860	780	670	520	285				54
AMDFP3510	10.0	80	35			1350	1200	1020	820	590	300						40
AMDFP5015.10	10.0	100	50			1650	1400	1100	800	440	60						37
AMDFP3512.5	12.5	80	35			1450	1350	1220	1050	850	600	250					45
AMDFP2515	15.0	50	25			1550	1475	1375	1240	10560	800	400					47
AMDFP3515	15.0	50	35			2900	2600	2230	1750	1000							36
AMDFP3520	20.0	100	35			3250	2980	2650	2250	1750	1000						42
						10	20	30	40	50	55	60	65	70			
AMDFP251515	15.0	50	25			1130	1095	955	735	430	250						62
AMDFP251520	20.0	50	25			1280	1220	1145	1000	780	641	500	309				72

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# AMRUT<sup>®</sup> INDUSTRIAL MONOBLOCK PUMP SERIES "AMDFMB"

**AMRUT** Pumps is one of the leading manufacturing company of Three Phase Monoblock Pumps in terms of quality. Our manufactured Motors are high efficiency motors and fitted properly with appropriate pumps on single shaft by our skilled persons. Available in different type of Material / Enclosures and voltage.

## TECHNICAL SPECIFICATION

Motor : Squirrel Cage Induction Motor  
 Speed : 3000RPM / 1500RPM  
 Connection : DOL/ STAR DELTA  
 Voltage : 415V, 3Ph, 50Hz.  
 Rotation : Anti Clockwise / Clockwise

## APPLICATION

- ❖ Any Industrial Clear Water Handling of high pressure
- ❖ Cooling Towers, Refrigeration & Air Conditioning
- ❖ Boosting pump in fire fighting system.

## MATERIAL OF CONSTRUCTION

	STANDARD	OPTIONAL
Moto Body	: CI IS210 FG200	
Shaft	: Carbon Steel C40	SS410/304/316
Impeller	: CI IS 210 FG200	Bronze/SS410/304/316
Delivery Casing	: CI IS 210 FG200	
Shaft Sleeve	: SS 410	Bronze (LTB2)
Protection	: IP44	IP55
Sealing	: Gland Packed	Mechanical Seal
Insulation	: Class 'F'	Class 'B'

## PERFORMANCE TABLE (SPEED: 2900 RPM)

MODEL	KW/HP	SUC./ DEL.	TOTAL HEAD IN METER																
			6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38
AMD252FMB2	1.5/2.0	65X50		11.0	10.0	8.8	7.0	4.0											
AMD215FMB2	1.5/2.0	50X40		5.3	5.1	4.9	4.7	4.5	4.2	3.9	3.6	3.1	2.2						
AMD33FMB3	2.2/3.0	80X80	19.0	17.8	16.2	13.8	10.4												
AMD325FMB3	2.2/3.0	80X65		13.5	12.6	11.7	10.7	9.5	7.5										
AMD252FMB3	2.2/3.0	65X50			9.2	8.9	8.5	8.1	7.6	7.1	6.6	5.9	5.0						
AMD215FMB3	2.2/3.0	50X40				5.1	5.0	4.8	4.7	4.5	4.4	4.2	4.0	3.8	3.6	3.2	2.8	2.0	
AMD44FMB5	3.7/5.0	100X100	32.8	31.0	28.0	24.2	19.0	12.8											
AMD33FMB5	3.7/5.0	80X80	23.5	22.8	21.9	20.8	19.4	17.7	15.9	13.9	10.8								
AMD325FMB5	3.7/5.0	80X65						14.2	13.4	12.6	11.6	10.3	8.7	5.8					
AMD44FMB75	5.5/7.5	100X100				27.1	25.5	23.9	22.0	20.0	17.4	14.2							
AMD325FMB75	5.5/7.5	80X65						18.8	17.9	17.0	16.1	15.2	14.2	13.1	11.0				
AMD44FMB10	7.5/10.0	100X100				31.9	30.7	29.4	28.0	26.5	25.0	23.3	21.2	17.5					
			DISCHARGE IN LPS																
			18	20	24	28	30	32	36	40	45	48	50	55	60	64	68	72	76
AMD252FMB5	3.7/5.0	65X50		8.5	8.2	7.8	7.5	7.1	5.7										
AMD215FMB5	3.7/5.0	50X40							4.0	3.7	3.2	2.9	2.0						
AMD2525FMB75	5.5/7.5	65X65			12.6	12.1	11.8	11.3	9.2										
AMD252FMB75	5.5/7.5	65X50						8.6	8.1	7.5	6.4	5.7	4.5	3.5					
AMD325FMB10	7.5/10.0	80X65	20.8	20.4	19.2	17.8	17.0	15.9	13.3	9.5									
AMD2525FMB10	7.5/10.0	65X65							7.5	7.2	6.8	6.4	5.8	5.3	4.2	3.0			
AMD252FMB10	7.5/10.0	65X50							7.5	7.1	6.8	6.4	6.0	5.3	4.3	3.0			
AMD44FMB10	9.3/12.5	100X100	33.3	32.0	28.5	23.3	19.5	13.0											
AMD325FMB125	9.3/12.5	80X65		19.5	18.7	17.9	17.5	17.0	16.0	14.8	11.6								
AMD252FMB125	9.3/12.5	65X50								8.0	7.9	7.8	7.6	7.2	6.2	5.6	3.0		
AMD44FMB15	11.0/15.0	100X100	36.7	35.8	33.3	30.0	27.6	25.0	17.5										
AMD325FMB15	11.0/15.0	80X65					19.6	19.2	18.3	17.3	15.8	14.6	12.4	9.7					
AMD252FMB15	11.0/15.0	65X50										8.3	8.0	7.8	7.4	7.0	6.5	5.8	4.5
AMD55FMN20	15.0/20.0	125X125	46.0	44.0	38.5	28.0	20.0												
AMD43FMB20	15.0/20.0	100X80	33.0	32.0	31.5	30.0	29.0	28.0	27.0	24.5	21.5	18.5							
AMD43FMB25	18.5/25.0	100X80										24.0	23.0	19.5	12.5				
AMD43FMB30	22.5/30.0	100X80										27.0	25.5	24.0	21.0	17.0	9.5		

## PERFORMANCE TABLE: (SPEED: 1450 RPM)

MODEL	KW/HP	SUC./ DEL.	5	6	8	10	12	14	16	18	20	22	-	-	-	-	-	-	-
AMD100FMB5L	3.7/5.0	100X100		34	31	27	22						-	-	-	-	-	-	-
AMD150FMB75L	5.5/7.5	150X150	63	60	53	41							-	-	-	-	-	-	-
AMD100FMB75L	5.5/7.5	100X100				34.4	32.1	29	25.5	19.2			-	-	-	-	-	-	-
AMD150FMB10L	7.5/10.0	150X150		7.3	68	50.8	30.4	18.3					-	-	-	-	-	-	-
AMD100FMB10L	7.5/10.0	100X100						36.3	33	29.2	24.3	18	-	-	-	-	-	-	-

Mfg By.: AMRIT ENGINEERING PVT. LTD.

SECOND FLOOR, MOTILAL CETER, NEAR DINESH HALL, AHARAM ROAD, AHMEDABAD- 380 009. (INDIA)

TEL.: (91) (79) 2754 6932, 2754 6058, 2754 6170

# AMRUT<sup>®</sup> SELF PRIMING NON-CLOG SEWAGE & EFFLUENT PUMP SERIES "AMDFEP"

**AMRUT<sup>®</sup>** Self Priming Non-Clog Sewage & Effluent Pumps are back pull out Design and used in various applications. As pumps are provide with Mechanical Seal fitment arrangement to avoid Leakage.

## TECHNICAL SPECIFICATION

Head	: Up to 48 Mtrs.
Capacity	: Up to 20-8LPS
Suction Head	: Up to 6 Mtrs.
Max Solid	
Handling Size	: Up to 24mm
Viscosity	: Up to 100m2/Sec.

## MATERIAL OF CONSTRUCTION

	STANDARD	OPTIONAL
Casing	:Cast Iron	S.S.304/S.S.316
Impeller	:Cast Iron	S.S.304/S.S.316/Bronze
Shaft	:En-8	S.S.410/S.S.316/S.S.304
Sleeve	:S.S.410	S.S.304/S.S.316
Mechanical Seal:	Carbon Vs. Ceramic	

## APPLICATION

- ❖ Dewatering Swamp
- ❖ Trenches & Basement
- ❖ Construction Sites and Swimming Pool
- ❖ Effluent Treatment Plant, Marine Application
- ❖ Lift Irrigation and Water Spraying

## SALIENT FEATURES

- ❖ Back Pull Out Design
- ❖ Mechanical Seal Arrangement Assure Zero Leakage and 100% Vacuum creation means high efficiency and better quality.
- ❖ No need of external lubrication for bearing. Provide bearing greased for life.
- ❖ Drive Option: Electric Motor/Coupled or Belt Drive Versions.
- ❖ Mechanical Sealing Arrangement assure Seal cannot run because in pump oil reservoir arrangement provided!

## PERFORMANCE TABLE (SPEED: 2900RPM)

MODEL	KW/HP	SUC./DEL.	RPM	SOLID SIZE	HEAD IN METER	DISCHARGE IN LPS											
						0.83	1.66	2.50	3.33	4.16	5.00	6.66	8.33	10.00	12.50	16.66	20.83
AMD32FEP1H	0.75/1.0	32X32	2900	7.5		15	13	11	9								
AMD40FEP15H	1.1/1.5	40X40	2900	12		16	15	14	13	11.5	10						
AMD50FEP2H	1.1/2.0	50X50	2900	10		20	19	17.8	16.5	15.5	14	10.5					
AMD50FEP3H	2.2/3.0	50X50	2900	13		21	19.5	18	16.5	15	13.5	10					
AMD65FEP5H	3.7/5.0	65X65	2900	20					19.5	18.9	18.4	17.2	15.7	14	11	4.5	
AMD80FEP5H	3.7/5.0	80X80	2900	24						23	22.5	21.5	20.5	19.5	17.5	14	10
AMD32FEP3H	2.2/3.0	32X32	2900	6		32	29	24.5	18.5	10							
AMD65FEP75H	5.5/7.5	65X65	2900	12						35.7	35.2	34.5	33	31.5	29	23	
AMD40FEP5H	3.7/5.0	40X40	2900	6.5		39	37	34.5	31	27	22						
AMD50FEP75H	5.5/7.5	50X50	2900	4													

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