



Technical Catalogue



# 4DSEM

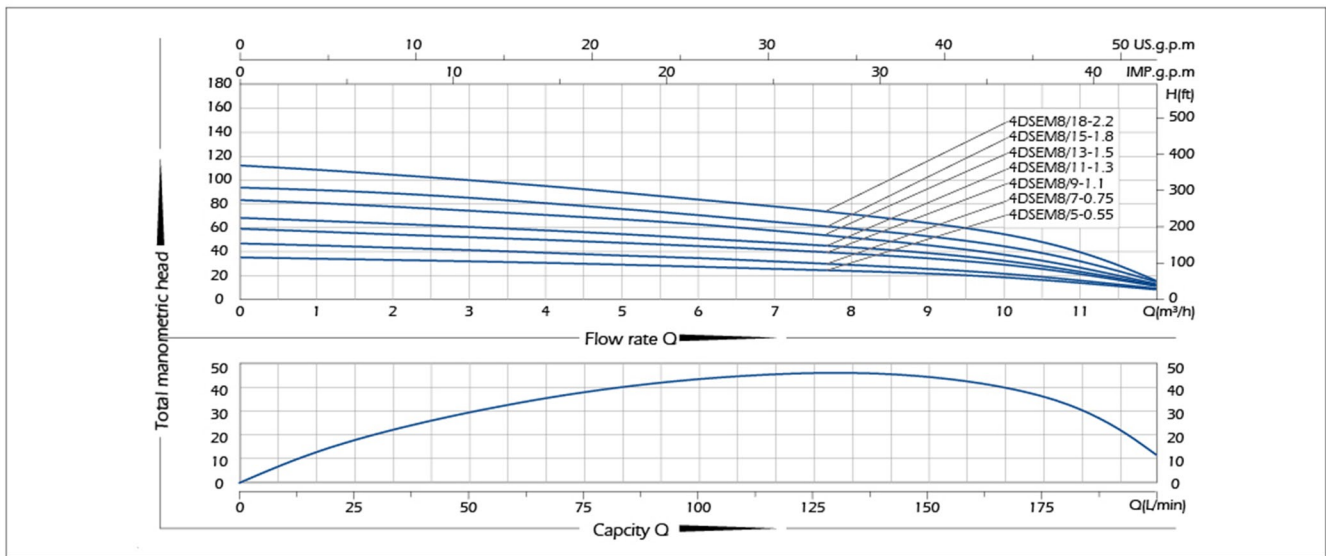
Submersible Pump

WQDX SEWAGE PUMP

Submersible Pump Series

Model	Power		Capacity											
	kW	HP	m <sup>3</sup> /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	12	
Single Phase 220-240V/50HZ			l/min	0	20	40	60	80	100	120	140	160	200	
4DSEM8/5-0.55	0.55	0.75	H (m)	31	30	28	26	25	23	21	18	15	3	
4DSEM8/7-0.75	0.75	1		43	41	37	35	32	31	27	25	18	2	
4DSEM8/9-1.1	1.1	1.5		56	53	51	47	45	43	37	35	27	6	
4DSEM8/11-1.3	1.3	1.75		66	63	58	54	51	48	43	40	28	6	

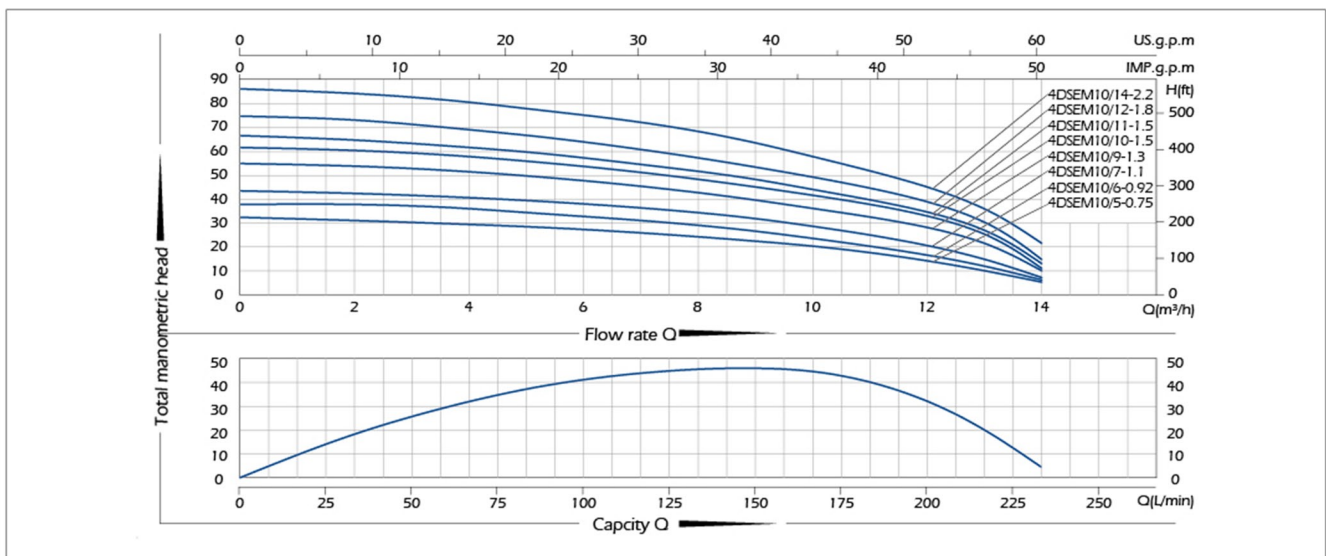
Model	Power		Capacity											
	kW	HP	m <sup>3</sup> /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	12	
Single Phase 220-240V/50HZ			l/min	0	20	40	60	80	100	120	140	160	200	
4DSEM8/13-1.5	1.5	2	H (m)	81	79	73	67	62	60	54	47	34	7	
4DSEM8/15-1.8	1.8	2.5		92	90	81	76	73	69	60	57	41	10	
4DSEM8/18-2.2	2.2	3		111	107	99	92	87	83	73	69	52	11	



Submersible Pump Series

Model	Power		Capacity														
	kW	HP	m <sup>3</sup> /h	0	1.8	3.6	5.4	7.2	9	10	12.6	13.8	15				
Single Phase 220-240V/50HZ			l/min	0	30	60	90	120	150	167	210	230	250				
4DSEM10/5-0.75	0.75	1	H (m)	31	30	28	26	25	21	19	8	3	1				
4DSEM10/6-0.92	0.92	1.25		37	37	33	32	30	25	22	10	4	1				
4DSEM10/7-1.1	1.1	1.5		43	42	40	38	36	31	27	14	5	3				
4DSEM10/9-1.3	1.3	1.75		55	54	51	48	45	39	35	20	9	3				

Model	Power		Capacity														
	kW	HP	m <sup>3</sup> /h	0	1.8	3.6	5.4	7.2	9	10	12.6	13.8	15				
Single Phase 220-240V/50HZ			l/min	0	30	60	90	120	150	167	210	230	250				
4DSEM10/10-1.5	1.5	2	H (m)	62	61	58	54	51	46	41	24	10	3				
4DSEM10/11-1.5	1.5	2		67	66	63	59	56	48	43	25	12	4				
4DSEM10/12-1.8	1.8	2.5		74	74	69	65	62	54	49	30	13	4				
4DSEM10/14-2.2	2.2	3		87	87	81	77	73	64	58	34	20	4				



## 4DSEM DEEP WELL PUMP

### Application Area

For water supply from wells or reservoirs.  
 For domestic use, for civil and industrial applications.  
 For garden use and irrigation.

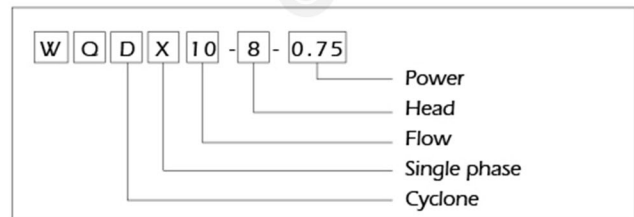
### Motor And Pump

Rewindable motor  
 Pumps are designed by casing stressed  
 NEMA dimension standard

### Operating Limits

Maximum fluid temperature up to +40 °C  
 Maximum sand content: 0.15%  
 Maximum immersion: 50m  
 Minimum well diameter: 4"

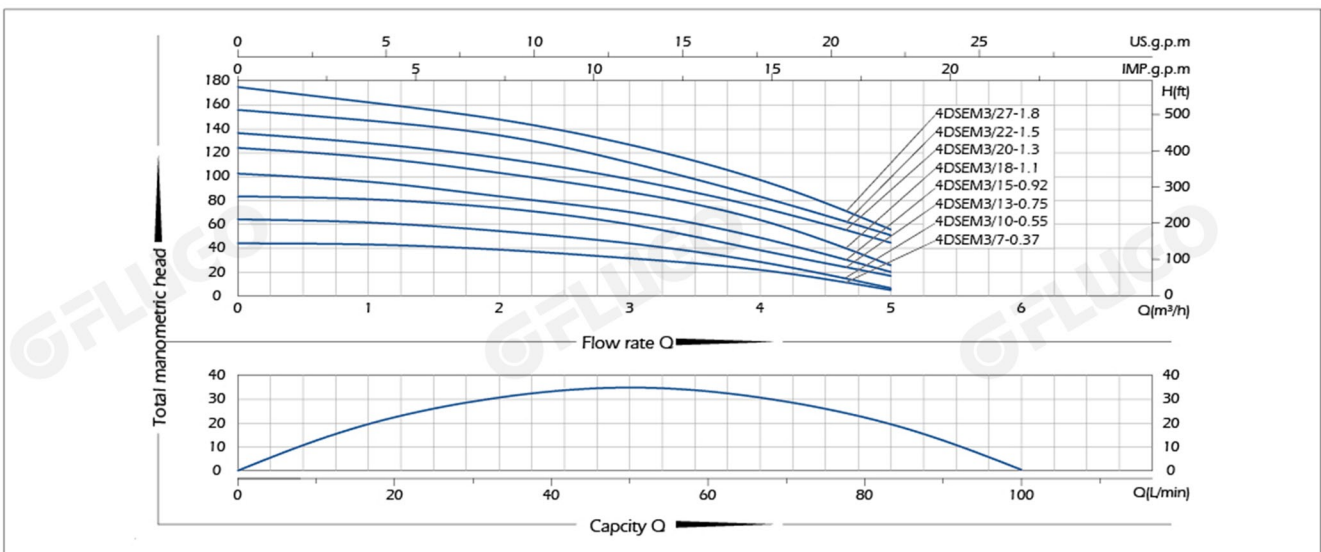
### Model Analysis



### Submersible Pump Series

Model	Power		Capacity	Capacity						
	kW	HP		m <sup>3</sup> /h	0	1	2	3	4	5
Single Phase 220-240V/50HZ			l/min	0	17	33	50	67	83	
4DSEM3/7-0.37	0.37	0.5	H (m)	45	42	38	30	22	9	
4DSEM3/10-0.55	0.55	0.75		65	63	53	42	25	12	
4DSEM3/13-0.75	0.75	1		88	82	77	61	36	19	
4DSEM3/15-0.92	0.92	1.25		104	98	84	73	48	20	

Model	Power		Capacity	Capacity						
	kW	HP		m <sup>3</sup> /h	0	1	2	3	4	5
Single Phase 220-240V/50HZ			l/min	0	17	33	50	67	83	
4DSEM3/18-1.1	1.1	1.5	H (m)	123	119	106	88	56	26	
4DSEM3/20-1.3	1.3	1.75		137	127	116	97	60	31	
4DSEM3/22-1.5	1.5	2		156	146	137	111	69	37	
4DSEM3/27-1.8	1.8	2.5		178	163	147	124	85	42	

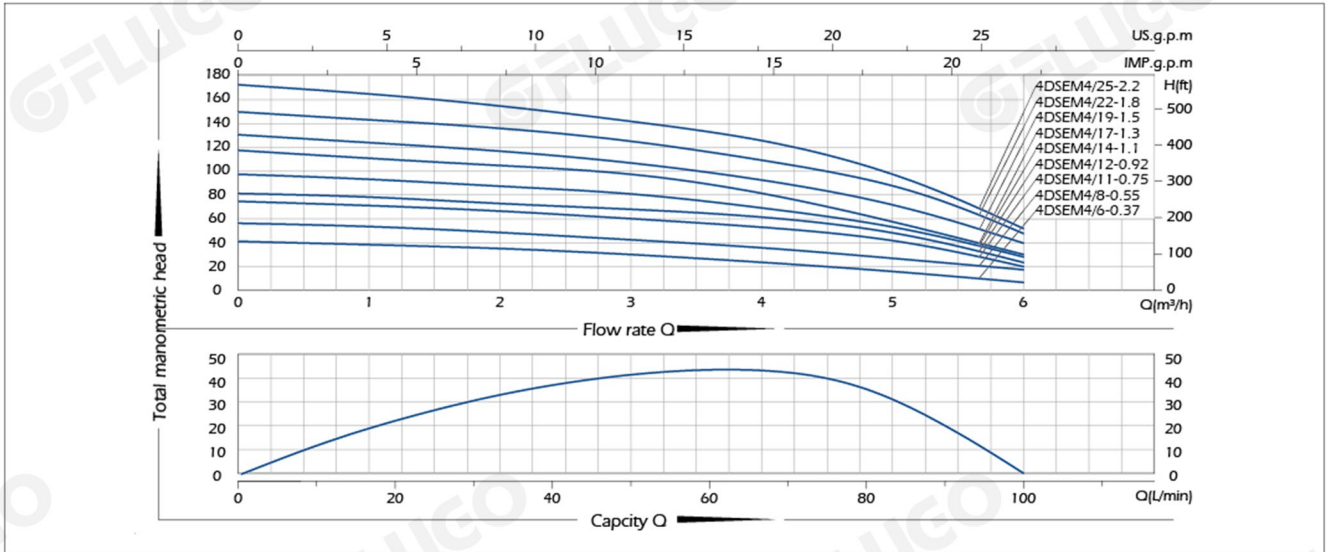


4DSEM DEEPWELL PUMP / ■

Submersible Pump Series

Model	Power		Capacity							
	kW	HP	m <sup>3</sup> /h	0	1	2	3	4	5	6
Single Phase 220-240V/50HZ			l/min	0	17	33	50	67	83	100
4DSEM4/6-0.37	0.37	0.5	H (m)	40	37	33	31	25	17	8
4DSEM4/8-0.55	0.55	0.75		55	51	49	43	37	28	12
4DSEM4/11-0.75	0.75	1		74	69	66	60	51	37	20
4DSEM4/12-0.92	0.92	1.25		81	75	72	66	50	38	21
4DSEM4/14-1.1	1.1	1.5		98	92	88	82	68	46	26

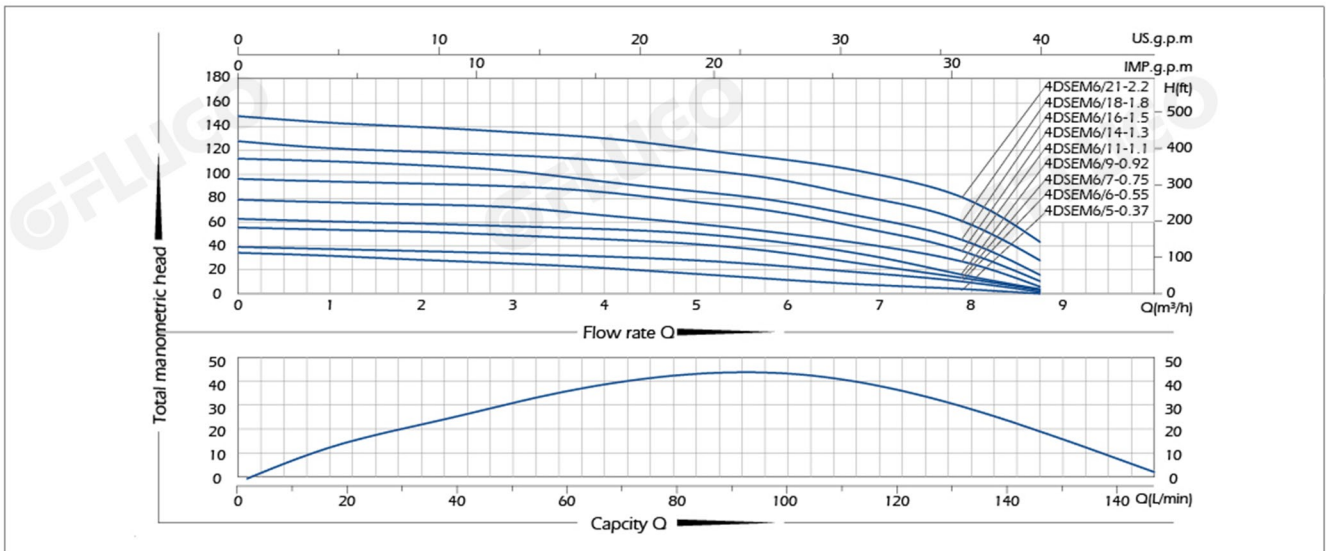
Model	Power		Capacity							
	kW	HP	m <sup>3</sup> /h	0	1	2	3	4	5	6
Single Phase 220-240V/50HZ			l/min	0	17	33	50	67	83	100
4DSEM4/17-1.3	1.3	1.75	H (m)	120	115	108	98	82	53	35
4DSEM4/19-1.5	1.5	2		132	125	119	112	90	72	40
4DSEM4/22-1.8	1.8	2.5		156	148	137	127	109	91	51
4DSEM4/25-2.2	2.2	3		175	164	158	145	124	99	54



Submersible Pump Series

Model	Power		Capacity									
	kW	HP	m <sup>3</sup> /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9
Single Phase 220-240V/50HZ			l/min	0	20	40	60	80	100	120	140	150
4DSEM6/5-0.37	0.37	0.5	H (m)	31	30	29	26	21	16	11	3	2
4DSEM6/6-0.55	0.55	0.75		40	39	38	36	32	24	18	12	2
4DSEM6/7-0.75	0.75	1		54	51	50	46	40	33	23	12	2
4DSEM6/9-0.92	0.92	1.25		61	59	57	51	46	46	27	14	2
4DSEM6/11-1.1	1.1	1.5		75	72	69	64	60	46	39	20	2

Model	Power		Capacity									
	kW	HP	m <sup>3</sup> /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9
Single Phase 220-240V/50HZ			l/min	0	20	40	60	80	100	120	140	150
4DSEM6/14-1.3	1.3	1.75	H (m)	93	89	86	79	68	58	41	21	2
4DSEM6/16-1.5	1.5	2		110	105	101	95	84	69	53	30	2
4DSEM6/18-1.8	1.8	2.5		123	118	114	108	96	78	57	36	2
4DSEM6/21-2.2	2.2	3		144	138	133	127	114	92	66	41	2



Authorized Distributor



4DSEM Series  
Submersible Pump