



**WATER BORE PUMP**  
WAREHOUSE

**Quality and Efficiency**  
Above all.



**4" FP4 SERIES**

**Exa Pumps srl** is a family company, specialized in the design and manufacture of submersible pumps.

It was founded in the 1990's, as Felsom srl, taking the know-how of the company that was part of the Aturia Group. Nowadays the company is managed by the third generation and exports its products all over the world, both with the EXA brand and with the F.EL.SOM brand.

The company's priority is the continued commitment to the study and development of innovative products that can continue to compete on the global market.

At **Waterborepump Warehouse** we are very pleased to be bringing this product into the Australian market.

The 4" Submersible pumps of the FP4 series are of a new design, very solid and compact and almost maintenance free. The end housings are stainless steel AISI 304, manufactured with wax casting process, ensuring great robustness and reliability of the pump.

The new patented design of independent floating impeller guarantees a low axial load on the motor and sand handling capacity of up to 250g/m<sup>3</sup>.

The new materials used in the construction, certified for use in drinking water, allow the pump to run even dry without damage—for short periods of time. To guarantee the reliable operation though, the water level should be at least one meter above the pump suction.



The matching FMW4 series 4" submersible 230v 3-wire motor is of a water cooled, resin encapsulated design. All parts in contact with water are in AISI 304 stainless steel.

The resin insulation allows better cooling of the motor and features asynchronous type, 2-poles, with 24-slot stator and squirrel cage rotor allows High Efficiency and reliability. The power cable is equipped with a watertight plug at the motor end. The motor is very sturdy and oversized to withstand heavy loads and increased life.

All motors are tested at the end of the assembling line, prior to packaging.

The FCB 1500 Single Phase Electronic Starting Control Box supplied with the 4" submersible pump and motor incorporates cosfi dry running protection, without the use of water level probes. It has an adjustable time-out auto re-start feature and lights to indicate "on", "Fault" and 'No Water'.



50 Hz - 2 POLI/POLES		m3/h	0	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6	4,2	4,8	5,4	6	6,6	7,2	8,4	9,6	11	12	13,5	15	16,5	18	19,5	21	22,5	24	25,5	27				
TIPO TYPE	HP	KW	l/min	0	10	15	20	25	30	35	40	45	50	60	70	80	90	100	110	120	140	160	180	200	225	250	275	300	325	350	375	400	425	450			
			l/sec	0	0,17	0,25	0,33	0,42	0,50	0,58	0,67	0,75	0,83	1,00	1,17	1,33	1,50	1,67	1,83	2,00	2,33	2,67	3,00	3,33	3,75	4,17	4,58	5,00	5,42	5,83	6,25	6,67	7,08	7,50			
FP4 X005/12	0,5	0,37		87	73	62	45	18																													
FP4 X007/18	0,75	0,55		128	109	92	68	27																													
FP4 X010/24	1	0,75		170	145	123	90	36																													
FP4 X015/36	1,5	1,1		255	218	185	136	53																													
FP4 X020/48	2	1,5		340	290	246	180	71																													
FP4 A005/09	0,5	0,37		63	55	50	43	35	26	15																											
FP4 A007/14	0,75	0,55		90	80	72	62	51	37	20																											
FP4 A010/19	1	0,75		124	109	99	86	70	50	28																											
FP4 A015/28	1,5	1,1		181	159	144	125	101	73	41																											
FP4 A020/38	2	1,5		237	209	189	163	133	96	54																											
FP4 A030/57	3	2,2		356	313	283	245	199	144	81																											
FP4 B005/07	0,5	0,37		47	42	39	36	33	28	23	18																										
FP4 B007/11	0,75	0,55		70	63	59	54	49	43	35	27																										
FP4 B010/15	1	0,75		96	85	80	74	67	58	48	37																										
FP4 B015/22	1,5	1,1		140	124	117	107	96	83	68	50																										
FP4 B020/30	2	1,5		187	166	155	142	126	109	87	64																										
FP4 B030/44	3	2,2		274	243	227	208	185	159	128	94																										
FP4 B040/60	4	3		373	331	310	284	253	217	175	128																										
FP4 D005/05	0,5	0,37		33	31	30	30	29	27	26	23	18	13																								
FP4 D007/07	0,75	0,55		46	44	43	42	40	38	36	32	25	18																								
FP4 D010/10	1	0,75		65	62	61	59	57	55	52	45	36	25																								
FP4 D015/15	1,5	1,1		97	91	89	87	83	80	76	65	52	36																								
FP4 D020/20	2	1,5		129	121	119	116	111	106	101	87	69	48																								
FP4 D030/30	3	2,2		193	182	178	173	167	160	151	130	103	71																								
FP4 D040/40	4	3		257	241	235	228	220	209	198	170	134	90																								
FP4 D055/54	5,5	4		346	325	318	307	296	282	267	229	181	122																								
FP4 E005/04	0,5	0,37		27	26	25	25	24	22	20	17	13	9	5	1																						
FP4 E007/06	0,75	0,55		41	38	38	37	36	33	30	25	20	14	8	2																						
FP4 E010/08	1	0,75		54	51	50	49	48	44	40	33	26	19	11	2																						
FP4 E015/12	1,5	1,1		82	77	75	74	72	67	60	50	39	28	16	4																						
FP4 E020/16	2	1,5		109	102	101	98	96	89	79	67	53	38	22	5																						
FP4 E030/24	3	2,2		163	154	151	148	144	133	119	100	79	56	32	7																						
FP4 E040/32	4	3		218	205	201	197	191	178	159	134	105	75	43	10																						
FP4 E055/44	5,5	4		299	282	277	271	263	245	218	184	145	103	59	13																						
FP4 E075/60	7,5	5,5		408	384	377	369	359	334	298	251	197	141	81	18																						
FP4 E100/80	10	7,5		544	512	503	492	478	445	397	334	263	188	108	24																						
FP4 E125/100	12,5	9,2		680	641	629	615	598	556	496	418	329	235	135	30																						
FP4 F007/04	0,75	0,55		27	23	22	22	21	20	19	18	17	16	12	8	4																					
FP4 F010/06	1	0,75		40	34	34	33	32	30	29	28	26	24	18	12	6																					
FP4 F015/09	1,5	1,1		60	51	51	49	47	46	44	41	39	35	28	19	9																					
FP4 F020/12	2	1,5		77	67	66	64	63	60	58	55	52	47	37	25	12																					
FP4 F030/18	3	2,2		116	101	100	97	94	91	87	83	77	71	55	37	18																					
FP4 F040/24	4	3		154	135	133	129	125	121	115	110	103	95	74	50	24																					
FP4 F055/34	5,5	4		210	187	184	178	173	166	159	150	140	129	101	67	27																					
FP4 F075/45	7,5	5,5		266	241	238	232	224	215	203	190	176	160	124	79	31																					
FP4 F100/60	10	7,5		370	330	325	315	305	294	280	265	248	227	179	118	47																					
FP4 H010/04	1	0,75		26	24	23	23	22	21	20	19	18	17	16	12	8	4																				
FP4 H015/06	1,5	1,1		39	35	35	34	33	32	30	27	23	18	12	5																						
FP4 H020/08	2	1,5		52	47	46	45	44	43	40	36	30	24	16	7																						
FP4 H030/12	3	2,2		78	71	69	68	67	64	60	53	46	37	23	11																						
FP4 H040/16	4	3		104	94	93	91	89	86	80	71	61	49	31	14																						
FP4 H055/22	5,5	4		144	129	127	125	123	121	113	102	88	69	44	16																						
FP4 H075/30	7,5	5,5		197	176	174	171	168	164	154	139	120	94	60	22																						
FP4 H100/39	10	7,5		262	235	231	228	224	219	206	185	159	126	80	30																						
FP4 L020/05	2	1,5		36	30	28	27	25	23	21	18	16	13	11	8	4	1																				
FP4 L030/07	3	2,2		50</																																	