

4" ELECTRA



Submersible multistage pumps

Multistage submersible pressure pumps with control panel. The pumps have a diameter of 96 mm and can be used for irrigation, water transfer, and for building domestic and industrial water supply systems. For water supply applications, an accessory kit with any pressure vessel can be used.

Constructional characteristics

- pump body made of stainless steel AISI 304
- cable protection sleeve made of stainless steel AISI 304
- strainer made of stainless steel AISI 304
- non-return valve made of technopolymer
- impellers made of technopolymer
- diffusers made of technopolymer with wear ring
- diffuser cover made of technopolymer with wear ring
- hexagonal shaft made of stainless steel AISI 303
- self-lubricating thrust bearing
- discharge body made of brass

Motor

- 4" submersible motor, versions: 230 V, 400 V or 3x230 V
- axial bearing and bearing bush water-cooled
- 25 m connecting cable (extension option)
- oil-filled cooling
- NEMA bronze flange
- protection IP68, insulation class F
- speed 2850 rpm
- special mechanical seal with sand protection

Usage

- max. liquid temperature: 35 °C
- max. number of starts: 20 times/hour
- minimum well diameter: 100 mm
- max. sand content: 250 g/m³
- max. submersion depth: 100 m

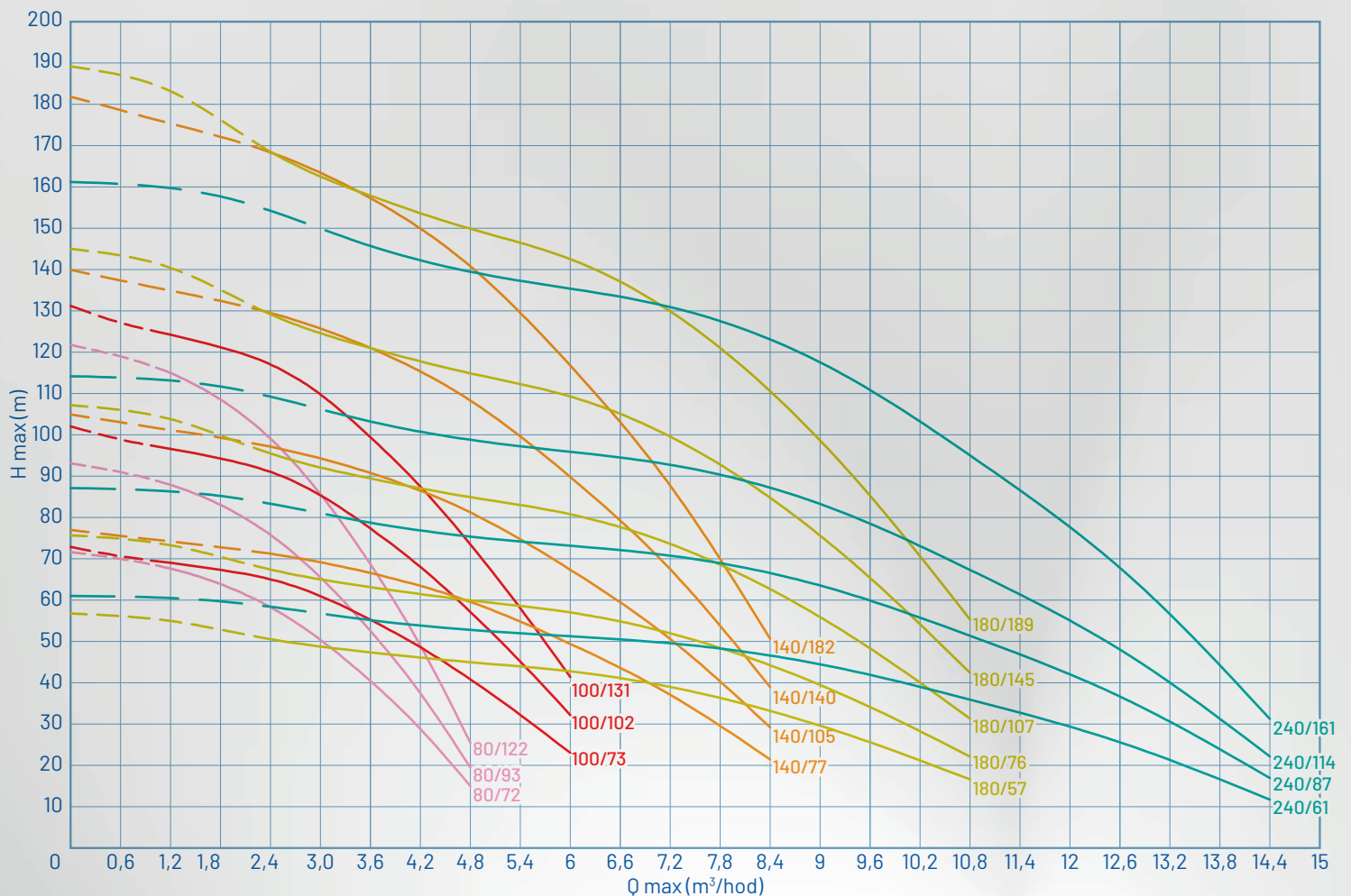
Applications

- pumping water from deep wells and boreholes
- automatic irrigation systems
- pressure boosting and water supply stations
- agricultural irrigation



Technical parameters

TYPE	POWER	FLOW RATE	HEAD	CONNECT.	CODE		
					230 V	400 V	3x230 V
4" ELECTRA 80/72	550 W	4 800 l/h	72 m	5/4"	13748	-	-
4" ELECTRA 80/93	750 W		93 m		17363	17364	-
4" ELECTRA 80/122	1 100 W		122 m		17414	17365	17366
4" ELECTRA 100/73	750 W	6 000 l/h	73 m		17367	17368	-
4" ELECTRA 100/102	1 100 W		102 m		17415	17369	17370
4" ELECTRA 100/131	1 500 W		131 m		17371	17372	17373
4" ELECTRA 140/77	1 100 W	8 400 l/h	77 m	6/4"	17416	17374	17375
4" ELECTRA 140/105	1 500 W		105 m		17376	17377	17378
4" ELECTRA 140/140	2 200 W		140 m		17379	17380	17381
4" ELECTRA 140/182	3 000 W		182 m		-	17382	-
4" ELECTRA 180/57	1 100 W	10 800 l/h	57 m	2"	17417	17383	17384
4" ELECTRA 180/76	1 500 W		76 m		17385	17386	17387
4" ELECTRA 180/107	2 200 W		107 m		17388	17389	17390
4" ELECTRA 180/145	3 000 W		145 m		-	17391	-
4" ELECTRA 180/189	4 000 W	14 400 l/h	189 m		-	17392	-
4" ELECTRA 240/61	1 500 W		61 m		17393	17394	17395
4" ELECTRA 240/87	2 200 W		87 m		17396	17397	17398
4" ELECTRA 240/114	3 000 W		114 m		-	17399	-
4" ELECTRA 240/161	4 000 W		161 m		-	17400	-



TYPE	POWER	DN	DIMENSIONS (mm)				
			A	B (1~)	B (3~)	C (1~)	C (3~)
4" ELECTRA 80/72	550 W	5/4"	482	319	-	801	-
4" ELECTRA 80/93	750 W		533	349	334	882	867
4" ELECTRA 80/122	1 100 W		661	389	369	1050	1030
4" ELECTRA 100/73	750 W		507	349	334	856	841
4" ELECTRA 100/102	1 100 W		619	389	369	1008	988
4" ELECTRA 100/131	1 500 W		763	439	414	1202	1177
4" ELECTRA 140/77	1 100 W	6"	604	389	369	993	973
4" ELECTRA 140/105	1 500 W		774	439	414	1213	1188
4" ELECTRA 140/140	2 200 W		946	514	474	1460	1420
4" ELECTRA 140/182	3 000 W		1183	-	554	-	1737
4" ELECTRA 180/57	1 100 W	2"	553	389	369	942	922
4" ELECTRA 180/76	1 500 W		662	439	414	1101	1076
4" ELECTRA 180/107	2 200 W		876	514	474	1390	1350
4" ELECTRA 180/145	3 000 W		1093	-	554	-	1647
4" ELECTRA 180/189	4 000 W		1093	-	629	-	1722
4" ELECTRA 240/61	1 500 W		607	439	414	1046	1021
4" ELECTRA 240/87	2 200 W		810	514	474	1324	1284
4" ELECTRA 240/114	3 000 W		978	-	554	-	1532
4" ELECTRA 240/161	4 000 W		1225	-	629	-	1854

TYPE	POWER	WEIGHT (kg)				
		Hydraulics	Motor (1~)	Motor (3~)	Compleat (1~)	Compleat (3~)
4" ELECTRA 80/72	550 W	3.8	7.3	-	11.1	-
4" ELECTRA 80/93	750 W	4.1	8.7	7.9	12.8	12
4" ELECTRA 80/122	1 100 W	4.8	10.6	9.8	15.4	14.6
4" ELECTRA 100/73	750 W	3.9	8.7	7.9	12.6	11.8
4" ELECTRA 100/102	1 100 W	4.8	10.6	9.8	15.4	14.6
4" ELECTRA 100/131	1 500 W	5.9	12.7	11.5	18.6	17.4
4" ELECTRA 140/77	1 100 W	4.6	10.6	9.8	15.2	14.4
4" ELECTRA 140/105	1 500 W	5.9	12.7	11.5	18.6	17.4
4" ELECTRA 140/140	2 200 W	7.1	16.4	14.4	23.5	21.5
4" ELECTRA 140/182	3 000 W	8.8	-	19.8	-	28.6
4" ELECTRA 180/57	1 100 W	4.3	10.6	9.8	14.9	14.1
4" ELECTRA 180/76	1 500 W	5.1	12.7	11.5	17.8	16.6
4" ELECTRA 180/107	2 200 W	6.6	16.4	14.4	23	21
4" ELECTRA 180/145	3 000 W	8.2	-	19.8	-	28
4" ELECTRA 180/189	4 000 W	8.2	-	23	-	31.2
4" ELECTRA 240/61	1 500 W	5	12.7	11.5	17.7	16.5
4" ELECTRA 240/87	2 200 W	6.4	16.4	14.4	22.8	20.8
4" ELECTRA 240/114	3 000 W	7.7	-	19.8	-	27.5
4" ELECTRA 240/161	4 000 W	9.6	-	23	-	32.6

