

PERFORMANCE AT 50 Hz

MODEL	ELECTRICAL DATA		HYDRAULIC DATA															
	P2 NOMINAL		Q=m ³ /h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27
	kW	HP	Q=l/min	0	10	20	25	30	40	50	70	80	100	150	190	300	400	450
S4 F 7	2,2	3	H (m)	40,5	-	-	-	-	-	-	-	-	-	36	33	24	15	11
S4 F 10	3	4		58	-	-	-	-	-	-	-	-	-	50,8	47	34	22	16
S4 F 13	4	5,5		76	-	-	-	-	-	-	-	-	-	66	62	44,7	28	20
S4 F 18	5,5	7,5		104,5	-	-	-	-	-	-	-	-	-	91	84	61,2	39	28

ELECTRICAL DATA AND DIMENSIONS

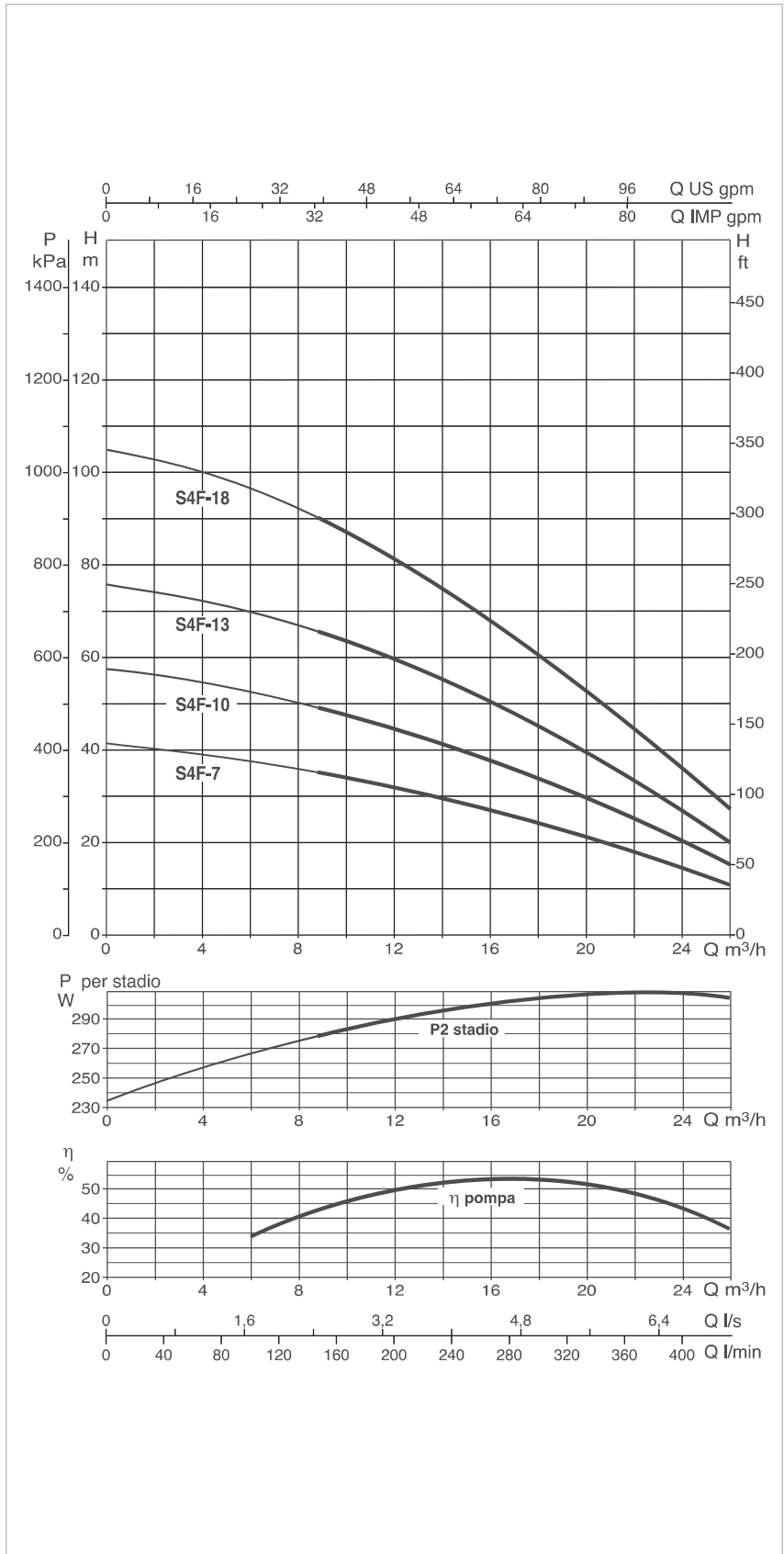
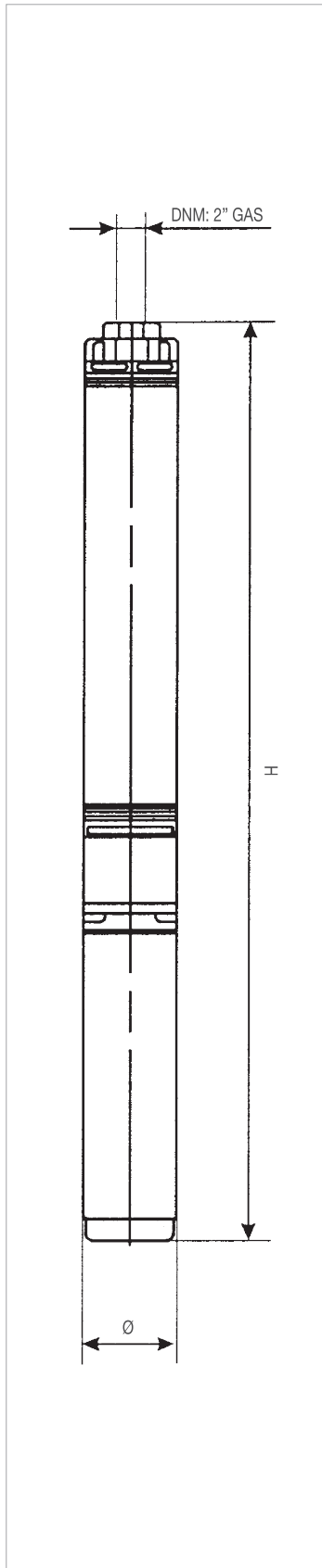
MODEL	ELECTRICAL DATA					Ø mm	H mm	PACKING DIMENSIONS			VOLUME m ³	WEIGHT kg
	MOTOR	P2 NOMINAL		POWER INPUT 50 Hz	In A			L/A	L/B	H		
		kW	HP									
S4 F 7 M	4GG M	2,2	3	1x230 V ~	16	97	1076,5	120	120	1240	0,018	23,5
	40L M	2,2	3	1x230 V ~	14	97	1181,5	120	120	1240	0,018	24,1
S4 F 7 T	4GG T	2,2	3	3x400 V ~	5,9	97	1056,5	120	120	1240	0,018	20
	40L T	2,2	3	3x400 V ~	6	97	1063,5	120	120	1240	0,018	20,2
S4 F 10 T	4GG T	3	4	3x400 V ~	8,3	97	1411,5	120	120	1590	0,023	23,6
	40L T	3	4	3x400 V ~	7,9	97	1385,5	120	120	1590	0,023	22
S4 F 13 T	4GG T	4	5,5	3x400 V ~	10	97	1718	120	120	1920	0,028	34,5
	40L T	4	5,5	3x400 V ~	10,2	97	1678	120	120	1920	0,028	28,7
S4 F 18 T	4GG T	5,5	7,5	3x400 V ~	14	97	2160,5	120	120	2600	0,037	40
	40L T	5,5	7,5	3x400 V ~	13,1	97	2120,5	120	120	2600	0,037	37,1

4GG motor: 4" encapsulated in water bath.

40L motor: 4" rewindable in oil bath.

S4F

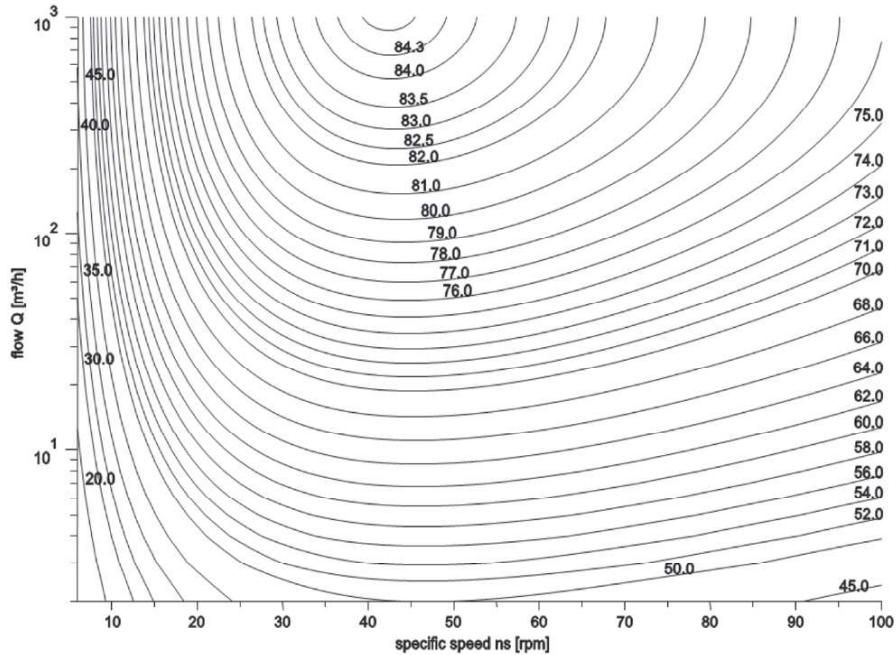
4" SUBMERSIBLE ELECTRIC PUMPS



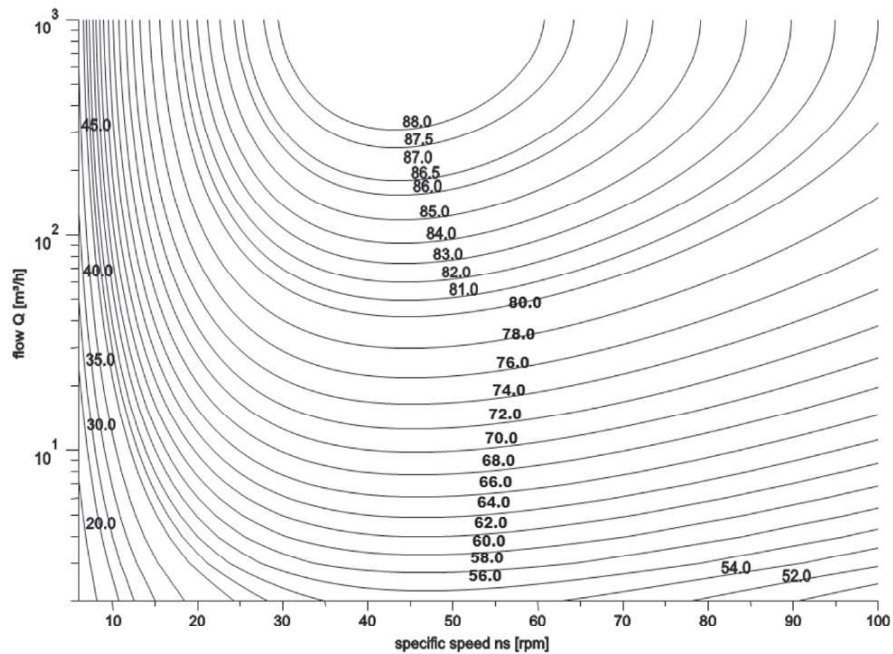
Performance at 50 Hz 2 poles. The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CHARTS OF REFERENCE - MEI INDEX

MEI = 0.4 for Multistage Submersible 2900rpm



MEI = 0.7 for Multistage Submersible 2900 rpm



DAB complies with the EcoDesign Directive (ErP - Energy related Products - Directive, 2009/125/EC) EC 547/2012 Regulation that requires:
 FOR 4" AND 6" SUBMERSIBLE MULTISTAGE PUMPS (MSS)
 • starting from January 1st 2013 $MEI \geq 0,1$
 • starting from January 1st 2015 $MEI \geq 0,4$