

50Hz



GENERAL CATALOGUE

Edition 2022

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Where there's water there's Pentax



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PENTAX s.p.a.



5PES

Deepwell Borehole

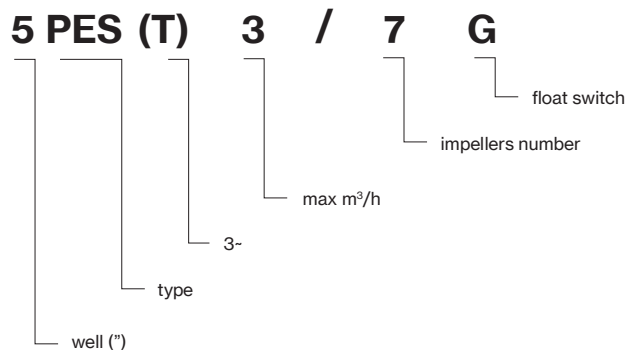
5" submersible multistage centrifugal pumps. All components in contact with fluid are made in AISI 304 stainless steel. Particularily suitable for water distribution rainwater collection, irrigation, dewatering fountains, wash down unit. Single phase versions have an internal capacitor and thermal motorprotector.

Construction features

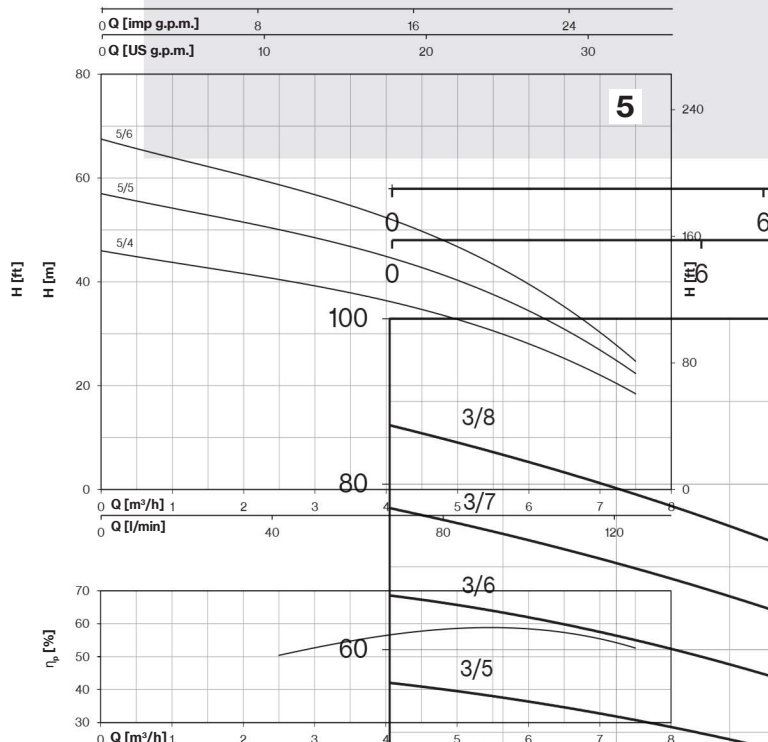
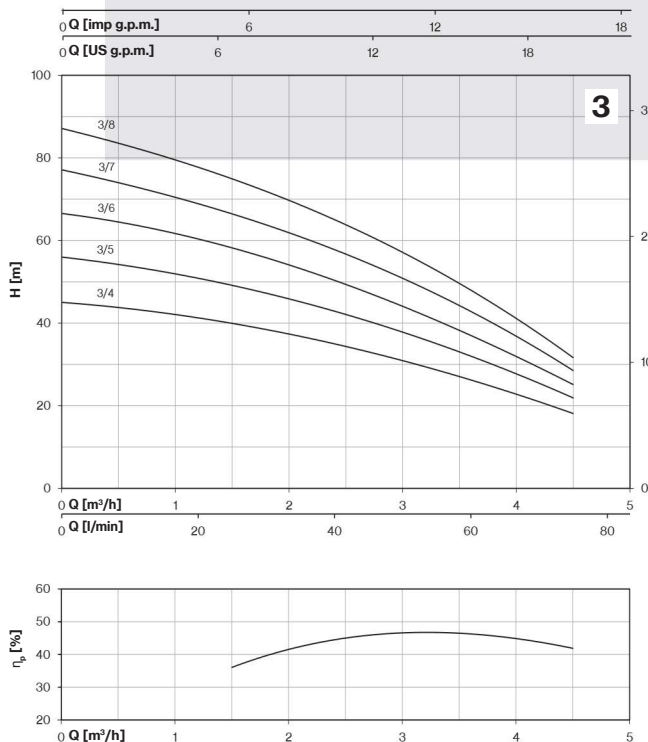
Delivery outlet	1" 1/4 G
External jacket, impellers and diffusers	stainles steel AISI 304
Passage of solids	2 mm
Depth of immersion	max 20 m
Liquid temperature	+5 ÷ +40 °C
Quantity of sand in the water	max 50 g/m ³
Cable	H07 RNF, 20 m
Number of startups/hr	max 20

Motor

Asynchronous 2 poles	3- 380/415V-50Hz 1- 220/240V-50Hz (with thermal protection)
Insulation class	F
Protection degree	IP68

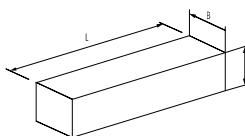
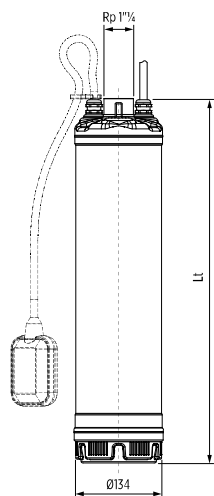


5PES



TYPE	MOTOR		INTERNAL CAPACITOR		RATED CURRENT			Q (m³/h - l/min)							
					1~	3~	3~	0	1,5	2	2,5	3	3,5	4	4,5
					220/240 V 50 Hz	220/240 V 50 Hz	380/415 V 50 Hz	H (m)							
5PES 3/4	0,75	0,55	16	450	4	3,5	2	45	40	37,5	34	31	27	23	18
5PES 3/5	1	0,75	20	450	4,7	3,7	2,1	56	49	46	42	38	33	27,5	22
5PES 3/6	1	0,75	20	450	5,2	4	2,3	66,5	58,5	54	49	44	38,5	32	
5PES 3/7	1,2	0,9	30	450	6,7	4,4	2,5	77	67	62	56	50	45	37,5	28
5PES 3/8	1,5	1,1	30	450	7,2	4,7	2,7	87	75,5	70	63	56	50,5	42	31

TYPE	MOTOR		INTERNAL CAPACITOR		RATED CURRENT			Q (m³/h - l/min)										
					1~	3~	3~	0	2,5	3	3,5	4	4,5	5	5,5	6	7	7,5
					220/240 V 50 Hz	380/415 V 50 Hz	380/415 V 50 Hz	H (m)										
5PES 5/4	1	0,75	20	450	5	3,8	2,2	46	40,5	39	38	36,5	34,5	33	30,5	28	22	18,5
5PES 5/5	1,2	0,9	30	450	6,6	4,4	2,5	57	50	48	47,5	45,5	42	40	38	34	27,5	22
5PES 5/6	1,5	1,1	30	450	7,4	4,7	2,7	67,5	58,5	56,5	55,5	53	49	46	44	39	31,5	24



TYPE	DIMENSIONS (mm)				Kg	
	Lt	L	B	H	1	
5PES 3/4	470	720	230	175	12,7	14
5PES 3/5	544	720	230	175	14,3	14,5
5PES 3/6	568	720	230	175	14,8	15
5PES 3/7	592	720	230	175	17	15,5
5PES 3/8	616	720	230	175	17,1	16
5PES 5/4	470	720	230	175	13,5	14
5PES 5/5	544	720	230	175	15,7	14,5
5PES 5/6	568	720	230	175	16,2	15

