PULSAR

5” MULTISTAGE SUBMERSIBLE PUMPS



CE

DOMESTIC WATER SUPPLY

PULSAR pumps, which are very silent running, can be installed inside boreholes and sumps and eliminates all potential problems of suction and unpriming.
Multi-stage close-coupled borehole pump with hydraulic section below motor, which is cooled by the pumped liquid. -Impellers, diffusers, strainer and oil sump in abrasion-proof thermoplastic. Outer liner, stator sleeve, upper head with delivery connection and closing ring in AISI 304 stainless steel. Rotor shaft extension in AISI 304. Elastomers in NBR. Stainless steel screws.
Double mechanical seal with interposed oil chamber, made of ceramic/carbon on motor side and silicon carbide/silicon carbide on pump side.
Submersible with continuous duty asynchronous motor. Rotor running on ball bearings, oversized to ensure low noise and durability. **Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version.** To protect the three-phase motor use remote overload cut-outs in compliance with statutory regulations.
Constructed in compliance with CEI 2-3 and CEI 61-69 (EN 60335-2-41) standards.

Operating range: from 0.9 to 7.2 m^3/h with head up to 86 metres.
Maximum permissible sand quantity: 50 g/m^3
Motor protection level: IP 68
Insulation class: F
Liquid temperature range: From 0° C to +40° C
Standard cables: 20 m HO7 RN F cable type.
Cable complete with SCHUKO plug EEC 7-VII-UNEL 47166-68 for the single-phase version.
Single-phase versions can be equipped with or without float switches for automatic operation.

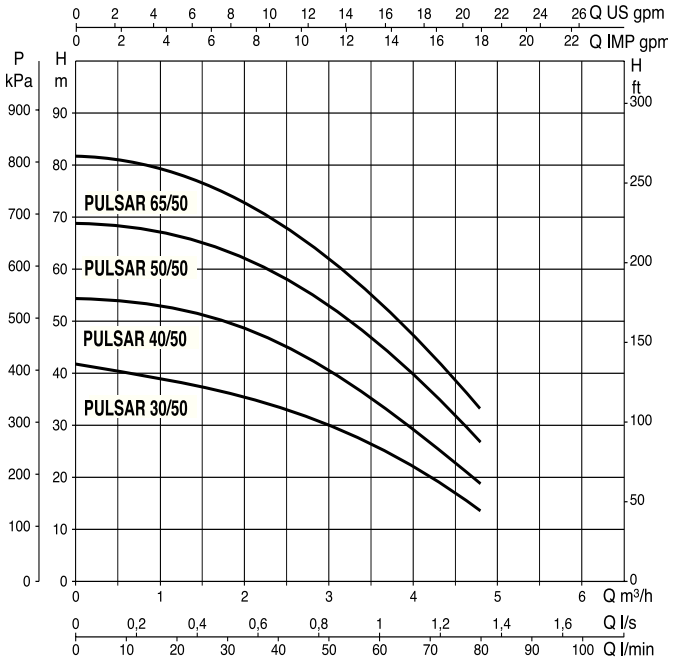
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA							
		VOLTAGE 50 Hz	P1 kW	P2		In A	CAPACITOR		Q m^3/h l/min	0	1,2	2,4	3,6	4,8	6	7,2
				kW	HP		µF	Vc		0	20	40	60	80	100	120
PULSAR 30/50 M-A	104160000	1x230 V~	0,94	0,55	0,75	4,5	16	450		42	38,2	33,8	24,8	13,5		
PULSAR 30/50 M-NA	104160010	1x230 V~	0,94	0,55	0,75	4,5	16	450		42	38,2	33,8	24,8	13,5		
PULSAR 30/50 T-NA	104160420	3x230 V~	0,87	0,55	0,75	2,85	-	-		42	38,2	33,8	24,8	13,5		
PULSAR 30/50 T-NA	104160020	3x400 V~	0,87	0,55	0,75	1,65	-	-		42	38,2	33,8	24,8	13,5		
PULSAR 40/50 M-A	104160030	1x230 V~	1,12	0,75	1	5,2	16	450		56	51	45	33	18		
PULSAR 40/50 M-NA	104160040	1x230 V~	1,12	0,75	1	5,2	16	450		56	51	45	33	18		
PULSAR 40/50 T-NA	104160450	3x230 V~	1,03	0,75	1	3,2	-	-		56	51	45	33	18		
PULSAR 40/50 T-NA	104160050	3x400 V~	1,03	0,75	1	1,85	-	-		56	51	45	33	18		
PULSAR 50/50 M-A	104160060	1x230 V~	1,45	1	1,36	6,5	25	450		72	65,5	58	43,6	24,5		
PULSAR 50/50 M-NA	104160070	1x230 V~	1,45	1	1,36	6,5	25	450		72	65,5	58	43,6	24,5		
PULSAR 50/50 T-NA	104160480	3x230 V~	1,35	1	1,36	4,15	-	-		72	65,5	58	43,6	24,5		
PULSAR 50/50 T-NA	104160080	3x400 V~	1,35	1	1,36	2,4	-	-		72	65,5	58	43,6	24,5		
PULSAR 65/50 M-A	104160090	1x230 V~	1,70	1,2	1,6	7,8	30	450		86	78,5	70	52,8	29		
PULSAR 65/50 M-NA	104160100	1x230 V~	1,70	1,2	1,6	7,8	30	450		86	78,5	70	52,8	29		
PULSAR 65/50 T-NA	104160510	3x230 V~	1,60	1,2	1,6	5	-	-	H (m)	86	78,5	70	52,8	29		
PULSAR 65/50 T-NA	104160110	3x400 V~	1,60	1,2	1,6	2,9	-	-		86	78,5	70	52,8	29		
PULSAR 30/80 M-A	104160230	1x230 V~	1,12	0,75	1	5,2	16	450		51	48,2	44,8	39,2	32,4	23,5	13
PULSAR 30/80 M-NA	104160240	1x230 V~	1,12	0,75	1	5,2	16	450		51	48,2	44,8	39,2	32,4	23,5	13
PULSAR 30/80 T-NA	104160650	3x230 V~	1,03	0,75	1	3,2	-	-		51	48,2	44,8	39,2	32,4	23,5	13
PULSAR 30/80 T-NA	104160250	3x400 V~	1,03	0,75	1	1,85	-	-		51	48,2	44,8	39,2	32,4	23,5	13
PULSAR 40/80 M-A	104160260	1x230 V~	1,45	1	1,36	6,5	25	450		64	61	56,8	50	41,5	30,5	16,2
PULSAR 40/80 M-NA	104160270	1x230 V~	1,45	1	1,36	6,5	25	450		64	61	56,8	50	41,5	30,5	16,2
PULSAR 40/80 T-NA	104160680	3x230 V~	1,35	1	1,36	4,15	-	-		64	61	56,8	50	41,5	30,5	16,2
PULSAR 40/80 T-NA	104160280	3x400 V~	1,35	1	1,36	2,4	-	-		64	61	56,8	50	41,5	30,5	16,2
PULSAR 50/80 M-A	104160290	1x230 V~	1,70	1,2	1,6	7,8	30	450		77	73,2	68	60	50	37	19,6
PULSAR 50/80 M-NA	104160300	1x230 V~	1,70	1,2	1,6	7,8	30	450		77	73,2	68	60	50	37	19,6
PULSAR 50/80 T-NA	104160710	3x230 V~	1,60	1,2	1,6	5	-	-		77	73,2	68	60	50	37	19,6
PULSAR 50/80 T-NA	104160310	3x400 V~	1,60	1,2	1,6	2,9	-	-		77	73,2	68	60	50	37	19,6

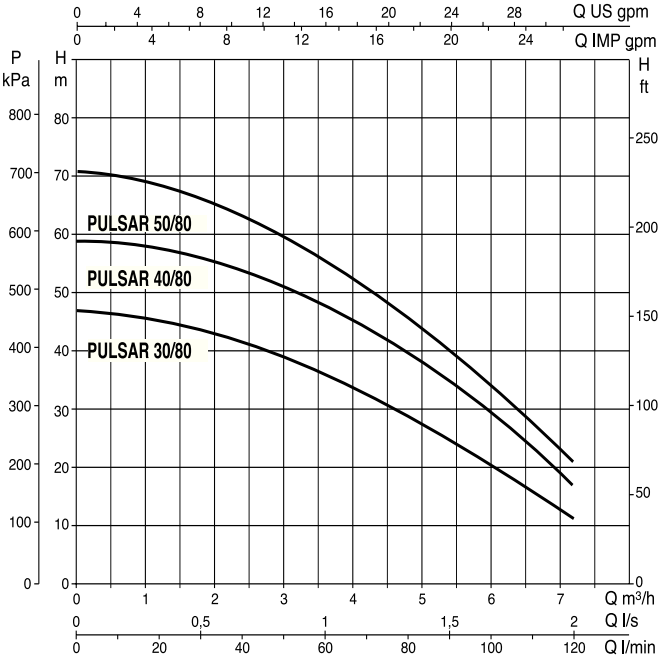
A= automatic with float NA= non automatic without float

DAB PUMPS reserves the right to make modifications without notice

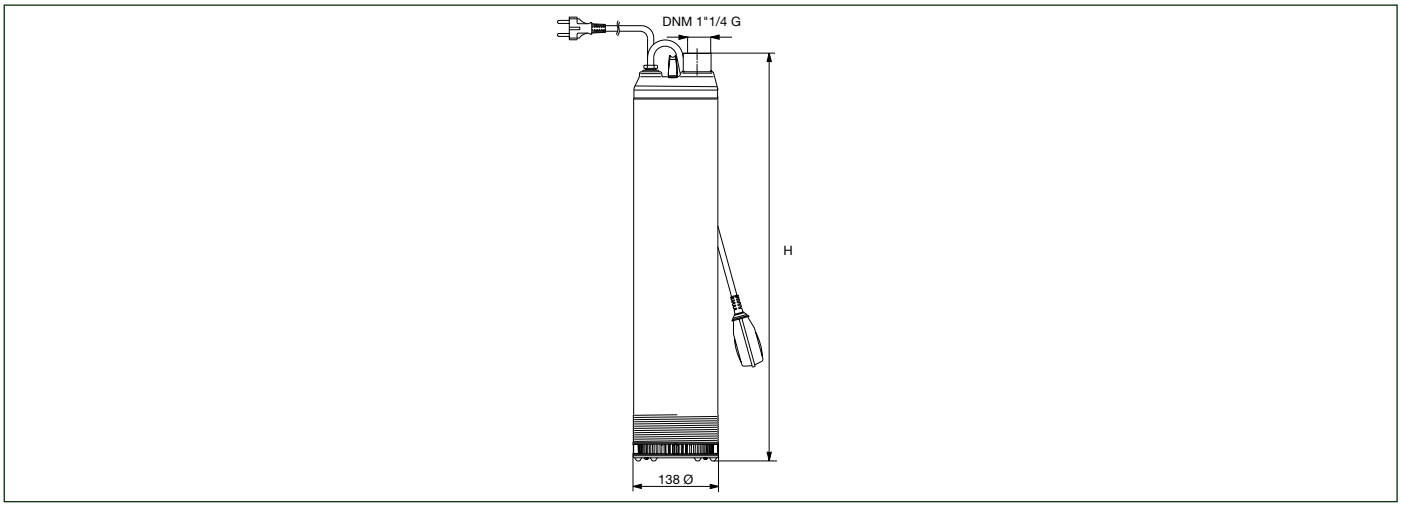
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PULSAR .../80



DIMENSIONS AND WEIGHTS



MODEL	H	PACKAGING DIMENSION			PACKAGING VOLUME m³	Q.TY X PALLET	DNM GAS	WEIGHT Kg		
		L/A	L/B	H				MA	MNA	TNA
PULSAR 30/50 M-T	562	690	220	165	0,037	20	1 1/4"	17,3	16,7	17,3
PULSAR 40/50 M-T	562	690	220	165	0,037	20	1 1/4"	17,5	17	17,5
PULSAR 50/50 M-T	630	690	220	165	0,037	20	1 1/4"	18,5	18	18,5
PULSAR 65/50 M-T	657	690	220	165	0,037	20	1 1/4"	19,5	19	19,5
PULSAR 30/80 M-T	562	690	220	165	0,037	20	1 1/4"	7,5	17	17,5
PULSAR 40/80 M-T	630	690	220	165	0,037	20	1 1/4"	18,5	18	18,5
PULSAR 50/80 M-T	657	690	220	165	0,037	20	1 1/4"	19,5	19	19,5