PULSAR DRY

5" MULTISTAGE SUBMERSIBLE PUMPS



CE

DOMESTIC WATER SUPPLY

The PULSAR DRY pumps are used in lifting and pressurisation systems for water from primary collection tanks or wells and are suitable for providing pressurised water in domestic systems, small-scale farming and sprinkler systems for gardens and vegetable gardens. The pump is extremely silent and this feature makes it suitable for use with pressurisation systems in unventilated rooms or in areas prone to flooding. Single-piece multi-stage bore-hole pump or of surface with hydraulic assembly positioned under the motor which is cooled by the pumped liquid. Impellers, diffusers, filter and oil sump in abrasion-proof thermoplastic. Pump liner, stator sleeve, upper head with sleeve and sealing ring in AISI 304 steel. Upper and lower bearing supports in dezincification-proof pressed brass. Rotor shaft extension in AISI 304. Elastomers in NBR. Stainless steel hardware. **Double mechanical seal** separated by an oil chamber, in ceramic/carbon on the motor side and carburundum/carburundum on the pump side. The sealing system ensures the motor remains airtight and the mechanical seal holds even after brief periods of no-water operation.
Continuous service asynchronous submersible motor. Stator incorporated in an AISI 304 stainless steel airtight casing with a cover housing the cables and capacitor. Rotor mounted on oversized ball bearings to ensure silent running and long life. **Incorporated thermal current protection and permanently connected capacitor in the single-phase version.** As regards three-phase protection, a motor overload cut out should be fitted, in accordance with current standards. Built to IEC 2-3 and IEC 61-69 (EN 60335-2-41).
Operating range: from 0.9 to 7.2 m^3/h with a head of up to 86 m
Max. quantity of sand in water: 50 gr/m^3
Protection level of motor: IP 68
Protection class of motor: F
Liquid temperature range: da 0°C a +40°C
Maximum depth of immersion: 20 metres
Standard cables: 15 m of HO7 RN F cable complete with SCHUKO EEC 7-VII-UNEL 47166-68 plug for the single-phase version. The single-phase versions can be supplied with or without floats for automatic operation.

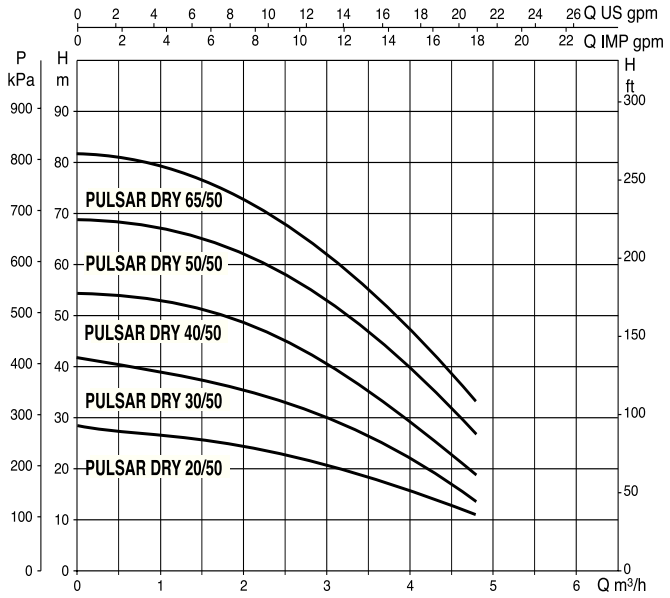
TECHNICAL DATA

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 DRY 30/50 M-NA	104165200	1x230 V~	0,94	0,55	0,75	4,4				42	38,2	33,8	24,8	13,5		
PULSAR DRY 30/50 T-NA	104165410	3x230 V~	0,87	0,55	0,75	2,85				42	38,2	33,8	24,8	13,5		
PULSAR DRY 30/50 T-NA	104165210	3x400 V~	0,87	0,55	0,75	1,65				42	38,2	33,8	24,8	13,5		
PULSAR DRY 40/50 M-NA	104165220	1x230 V~	1,12	0,75	1	5,2				56	51	45	33	18		
PULSAR DRY 40/50 T-NA	104165430	3x230 V~	1,03	0,75	1	3,2				56	51	45	33	18		
PULSAR DRY 40/50 T-NA	104165230	3x400 V~	1,03	0,75	1	1,85				56	51	45	33	18		
PULSAR DRY 50/50 M-NA	104165240	1x230 V~	1,45	1	1,36	6,5				72	65,5	58	43,6	24,5		
PULSAR DRY 50/50 T-NA	104165450	3x230 V~	1,35	1	1,36	4,15				72	65,5	58	43,6	24,5		
PULSAR DRY 50/50 T-NA	104165250	3x400 V~	1,35	1	1,36	2,4				72	65,5	58	43,6	24,5		
PULSAR DRY 65/50 M-NA	104165260	1x230 V~	1,70	1,2	1,6	7,8				86	78,5	70	52,8	29		
PULSAR DRY 65/50 T-NA	104165470	3x230 V~	1,60	1,2	1,6	5			H (m)	86	78,5	70	52,8	29		
PULSAR DRY 65/50 T-NA	104165270	3x400 V~	1,60	1,2	1,6	2,9				86	78,5	70	52,8	29		
PULSAR DRY 30/80 M-NA	104165300	1x230 V~	1,12	0,75	1	5,2				51	48,2	44,8	39,2	32,4	23,5	13
PULSAR DRY 30/80 T-NA	104165510	3x230 V~	1,03	0,75	1	3,2				51	48,2	44,8	39,2	32,4	23,5	13
PULSAR DRY 30/80 T-NA	104165310	3x400 V~	1,03	0,75	1	1,85				51	48,2	44,8	39,2	32,4	23,5	13
PULSAR DRY 40/80 M-NA	104165320	1x230 V~	0,78	1	1,36	6,5				64	61	56,8	50	41,5	30,5	16,2
PULSAR DRY 40/80 T-NA	104165530	3x230 V~	0,60	1	1,36	4,15				64	61	56,8	50	41,5	30,5	16,2
PULSAR DRY 40/80 T-NA	104165330	3x400 V~	0,60	1	1,36	2,4				64	61	56,8	50	41,5	30,5	16,2
PULSAR DRY 50/80 M-NA	104165340	1x230 V~	0,94	1,2	1,6	7,8				77	73,2	68	60	50	37	19,6
PULSAR DRY 50/80 T-NA	104165550	3x230 V~	0,87	1,2	1,6	5				77	73,2	68	60	50	37	19,6
PULSAR DRY 50/80 T-NA	104165350	3x400 V~	0,87	1,2	1,6	2,9				77	73,2	68	60	50	37	19,6

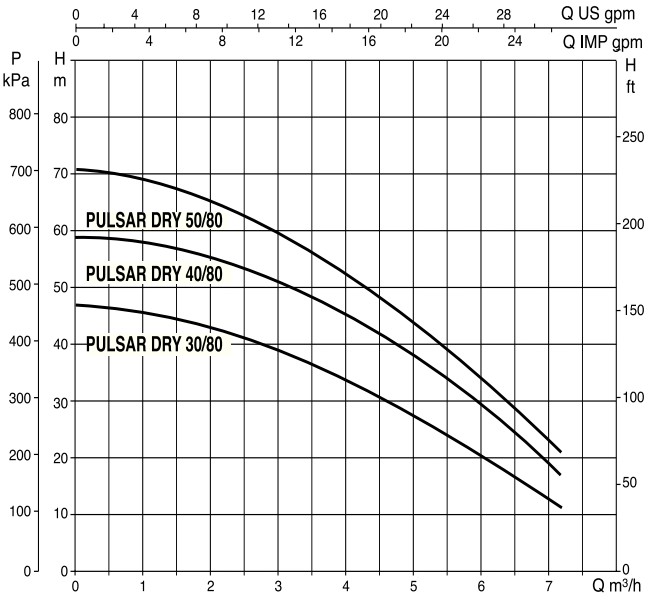
A= automatic with float NA= non automatic without float

DAB PUMPS reserves the right to make modifications without notice

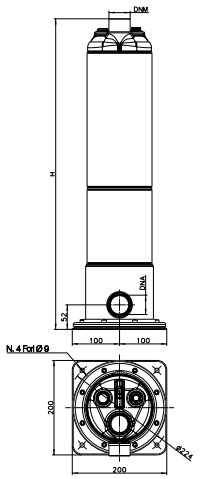
PULSAR .../50



PULSAR .../80



DIMENSIONS AND WEIGHTS



MODEL	H	PACKAGING DIMENSION			PACKAGING VOLUME m³	Q.TY X PALLET	Ø		WEIGHT Kg		
		L/A	L/B	H			DNM GAS	DNA GAS	MA	MNA	TNA
PULSAR DRY 20/50 M-NA/T-NA	603	780	240	265	0,049	20	1 1/4”	1 1/4”	-	16,5	17
PULSAR DRY 30/50 M-NA/T-NA	562	690	220	165	0,037	20	1 1/4”	1 1/4”	-	16,7	17,3
PULSAR DRY 40/50 M-NA/T-NA	562	690	220	165	0,037	20	1 1/4”	1 1/4”	-	17	17,5
PULSAR DRY 50/50 M-NA/T-NA	630	690	220	165	0,037	20	1 1/4”	1 1/4”	-	18	18,5
PULSAR DRY 65/50 M-NA/T-NA	657	690	220	165	0,037	9	1 1/4”	1 1/4”	-	19	19,5
PULSAR DRY 30/80 M-NA/T-NA	562	690	220	165	0,037	20	1 1/4”	1 1/4”	-	17	17,5
PULSAR DRY 40/80 M-NA/T-NA	630	690	220	165	0,037	20	1 1/4”	1 1/4”	-	18	18,5
PULSAR DRY 50/80 M-NA/T-NA	657	690	220	165	0,037	9	1 1/4”	1 1/4”	-	19	19,5