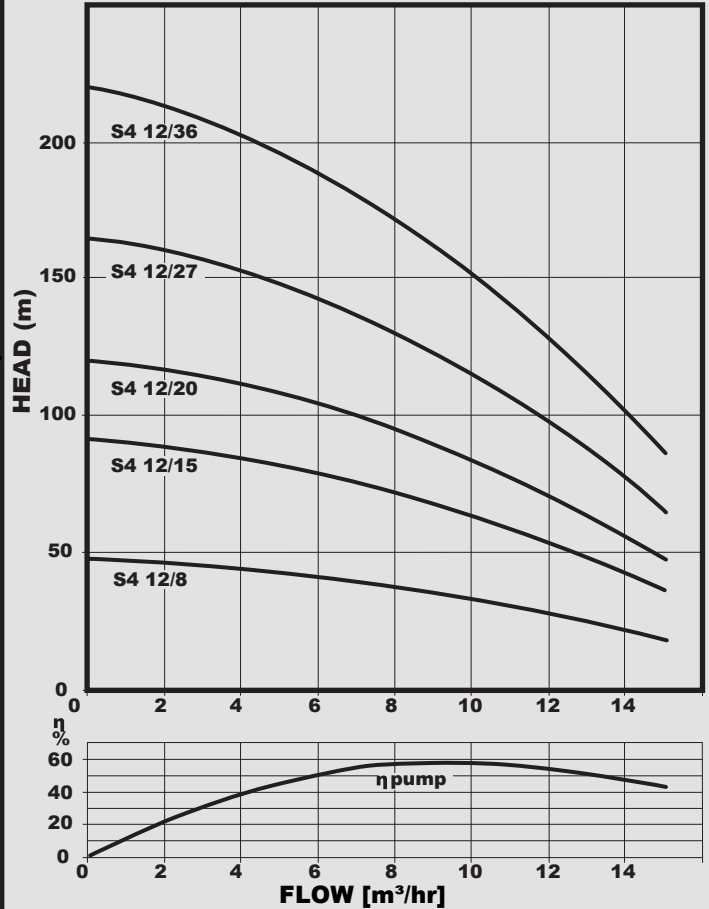




S4-12 SERIES BOREHOLE PUMPS



Performance Curves



APPLICATIONS

DAB S4 pumps are robust submersible electric pumps capable of generating a broad range of flow rates and heads suitable for borehole installations.

CONSTRUCTION FEATURES

Multistage centrifugal pump directly coupled to a submersible asynchronous two-pole motor made of AISI 304 stainless steel, for parts in contact with water. Pump-end incorporates technopolymer impellers with stainless steel wear parts, functioning on floating clearance rings made of synthetic low abrasion material with technopolymer diffusers that impart significant wear resistance to the pump. Pump liner, shaft and coupling, filter and cable cover in stainless steel. Base support and head in microcast AISI 304 stainless steel with steel check valve incorporated in the delivery chamber.

Protection Rating: IP68

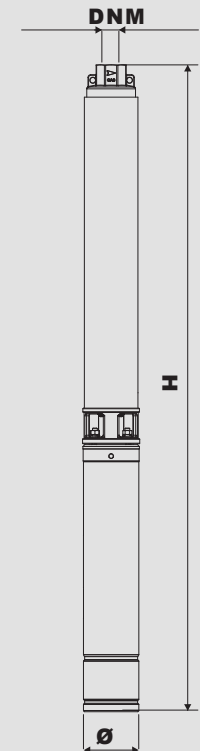
Heat Insulation Class: F

Liquid Temperature Range: from 0°C to + 40°C

Liquid Quality Requirements: Clean, free of solids or abrasive contaminants and chemically neutral.

Max. Permissible Sand Quantity: 150g/m³

Max. immersion depth below water: 250m



TECHNICAL DATA

Model	Motor Type	Power [kW]	Full Load Current (A)		Outlet	Ø [mm]	Height [mm]	Weight [kg]
			1 x 240V	3 x 415V				
S4 12/8	TESLA 4"	1.5	10.8	4.6	1 1/4"	99	1019	16.9
S4 12/15	TESLA 4"	3	-	7.5			1529	24.4
S4 12/20	TESLA 4"	4	-	9.6			1859	27.9
S4 12/27	TESLA 4"	5.5	-	13.1			2330	38.6
S4 12/36	TESLA 4"	7.5	-	16.9			2878	46.9