

ES4 12 19

4" submersible centrifugal multistage wet end with floating impellers for water supply.

PUMP DESCRIPTION

Assembled on a motor, pumping of clean water for domestic, industrial, agricultural and gardening purposes. Suitable for boreholes in applications like water transfer, sprinkler or drip irrigation, domestic booster or booster sets. Joint kit wet end-motor according NEMA MG1-18.388 regulation.

PRODUCT INFORMATION

Maximum height (m)	102
Maximum flow (m3/h)	15.6
Frequency (Hz)	50
Pressure range (m)	37-102
Motor power P2 (kW)	4
Number of impellers	19
Minimum flow (m3/h)	1.6

FEATURES

LIMITATIONS

Maximum sand quantity in suspension (g/m3)	100	Maximum submersion (m)	150
Water temperature (°C)	Max: 40		

MATERIALS

Suction body	Stainless steel AISI 304	Pump body	Stainless steel AISI 304
Discharge body	Stainless steel AISI 304	Diffuser/s	Technopolymer
Pump shaft	Stainless steel AISI 304	Impeller/s	Technopolymer
O-rings	NBR/EPDM		

MANUFACTURING FEATURES

Discharge diameter	2"	Discharge connection type	Thread

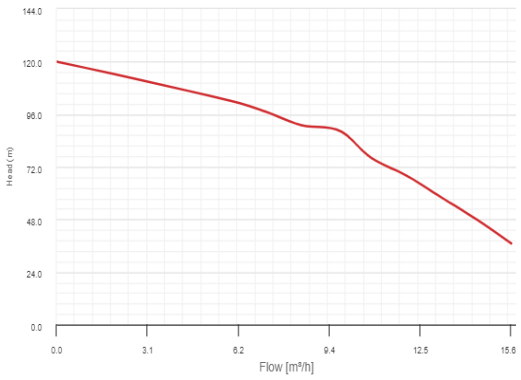
EQUIPMENT

Check valve	Included		

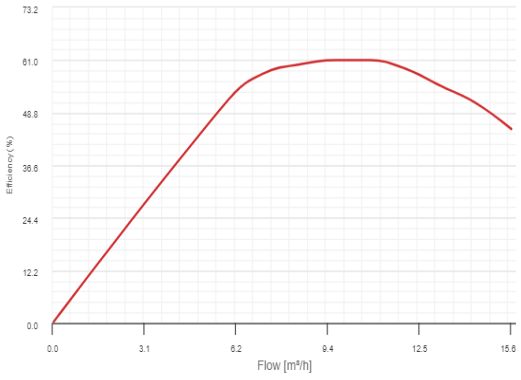
SPECIFICATIONS

PERFORMANCE
Frequency and Units

HEAD



EFFICIENCY



HYDRAULIC DATA — ES4 12 19 Model

Flow (Q) m3/h	0.0	6.0	7.2	8.4	9.6	10.8	12.0	13.2	14.4	15.6
Flow (Q) l/min	0.0	100.0	120.0	139.9	159.9	179.9	199.9	219.9	239.9	259.9
Head (H) m	120.0	102.0	97.0	91.0	89.0	76.0	68.0	58.0	48.0	37.0