

# Deep Well Cast Iron Pressure Systems

## DP for Deep Suction

### Applications

Self-priming centrifugal pump for suction up to 27 metres, reached by means of an ejector to be inserted in wells with a diameter of 4" or over. For use in supplying water to farmhouses and in small-scale agriculture.

### Constructional features of the pump

**Pump:** Cast iron pump body and motor support. Technopolymer impeller and diffuser. Stainless steel pressure disc. Carbon/ceramic mechanical seal.

**Ejector:** Cast iron body. Technopolymer A Venturi tube and brass nozzle. The ejector is available in three models each with two options (E20 - E25 - E30) to be chosen according to performance requirements.

### Constructional features of the motor

Induction motor, closed and cooled with external ventilation. Rotor mounted on oversized greased sealed-for-life ball bearings. Built-in thermal and current overload protection and a capacitor permanently in circuit in the single-phase version.

Three-phase motors should be protected with a suitable overload protection complying with the regulations in force.

Manufactured according to CEI 61-69 standards (EN 60335-2-41).

**Motor protection:** IP 44

**Terminal box protection:** IP 55

**Insulation class:** F

**Standard voltage:** single-phase 220-240 V/50 Hz  
three-phase 230-400 V/50 Hz



#### Options available as pump packs

Pump Model	Bare Pump		Mechanical	Selection of MP pumps complete with Pressure Wave tank				
	ADD M or Single Phase	ADD T THREE PHASE		ADD MP or TP	with 60V	with 60H	with 80V	with 80H
<b>FOR CORRECT MODEL CODE TAKE CODE BELOW AND</b>				ADD MP-60V	ADD MP-60H	ADD MP-80V	ADD MP-80H	ADD MP-100V
DP 100	Use E25 or E30 Kit							
DP 151	Use E20, E25 or E30 Kit							
DP 251	Use E20, E25 or E30 Kit							

See over page for Selection Guide



