



## PUMP

GRUNDFOS DWK waste water pumps are specially designed for heavy-duty drainage and de-watering requirements in applications including construction sites, mines, quarries, etc. All pumps are fitted with semi-open impellers for efficiency and effective solids passing performance. They are of exceptionally robust design and are manufactured using the highest quality materials to ensure reliability in the harshest operating conditions. Also the pumps' slim design suits both temporary and permanent installations and makes them easy to handle, transportable and simple to install.

Materials of construction are high chrome stainless steel for the impellers and cast iron for the pump casings and other hydraulic components. Heavy duty dual mechanical seals are fitted and all pumps are supplied with 10m of cable.

The extensive GRUNDFOS DWK pump range covers a wide selection of duties, the five models details being standard stock lines. Other models and specifications are available to special order to suit different pumping applications.

## MOTOR

Pumps are fitted with integral squirrel cage two pole induction motors designed for continuous operation provided the pump is fully submerged in water. A bimetallic thermal contact switch is incorporated in the windings for additional protection, though all models should be provided with a remote starter with overload protection

**Enclosure Class:** IP68

**Insulation Class:** F (155°C)

**Voltage:** 3 x 415V

**Speed:** 2900rpm

## Operating Conditions

**Pumped Liquid:** Thin chemically non-aggressive liquids containing solids up to the specified particle size.

**Temperature Range:** 0°C-40°C

**pH range:** 4-10

**Max Immersion Depth:** 25m

## PUMP DATA

Model	kW	Starter Type	Operating Current (A)	Dimensions (mm)				Max. Particle Size (mm)	Weight (Kgs)
				A	B	C	Outlet		
<b>DWK 50.15</b>	1.5	DOL	3.6	478	202	231	50	6	41
<b>DWK 80.22</b>	2.2	DOL	5.1	498	202	231	80	6	45
<b>DWK 80.37</b>	3.7	DOL	8.2	680	234	286	80	10	81
<b>DWK 100.55</b>	5.5	DOL	11.9	709	302	353	100	13	110
<b>DWK 150.110</b>	11	YD	23	754	302	353	150	13	190

