

TOYO DP RANGE PUMPS

The Toyo submersible DP series and its hydraulically driven cousin the TO series were specifically designed to pick up and transport abrasive materials with the least amount of water. The DP/TO is a pump and excavator in one. The design incorporates the patented Toyo agitator, attached directly to the pump shaft, which together with the closed impeller, large open passages for the easy passage of solids, heavy duty shaft/bearing configuration and custom built motor with 1.35 service factor, result in the most rugged submersible slurry pump on the market today.



FEATURES

Type Submersible pump with agitator

Model DP20-7

Outlet 100 mm

Manometric head 20 m

Capacity 1,5 m³/min

Grain size 35 mm

Motor type RKN 12046

Output 15 kW 50 Hz

Phases / Poles 3 Phases 6 Poles

Speed 970 1/min

Voltage / Current 400V 32 A

Insulation class Class F

Starting method Reactor starter

Cable HO7RN-F 4G10

Oil quantity 4.1 L

Oil type SAE 15W40

Weight 550 kg

Dimensions Following drawing L-1187

Painting A A metallic silver

Wear plates Clearance between 1.0 - 1.5 mm

Max. liquid temperature 60°C

pH min - max 4 - 9.5

Max. working depth 30 m

Min. generating power 40 kVA

External diam. cable 23 mm

Cable length m/400V 120 m

PERFORMANCE CURVE

