

# *HDP High Pressure Plungers Pump*



## **Standard models:**

*HDP400-38, HDP500-30, HDP750-20,  
HDP1000-14 & HDP1200-12*

## **Alter models:**

*HDP350-38, HDP500-38, HDP600-30 &  
HDP800-23*

## **Design & Features**

- *Quality materials, SS316 cylinders & block-style manifolds for higher strength and against corrosion.*
- *High tolerance ceramic plunger design to last & better seal life protection.*
- *Inline pressure valves assemblies for easy maintenance.*
- *Special made high pressure packing seal that withstand higher temperature & resistance to wear.*
- *Built-in external cooling ports lubricate/cool high & low pressure seals against high temperature built up.*
- *Cast Iron crankcase body for hazardous environments applications.*
- *Oil bathed power end ensures optimum lubrication in crankcase.*
- *HSS crankshaft gives unmatched strength and surface's hardness.*
- *Oversized bearings for longer bearing life.*
- *Easy Maintenance, wet-end is easily serviced.*
- *Minimum parts assembly*

# Specifications

## Standard Model

Model: HDP400-38

- Flow..... 38 L/M
- Max Pressure ..... 400 bars
- Plunger ..... 20mm
- Motor Size..... 40 Hp

Model: HDP500-30

- Flow..... 30 L/M
- Max Pressure ..... 500 bars
- Plunger ..... 18 mm
- Motor Size..... 40 Hp

Model: HDP750-21

- Flow..... 21 L/M
- Max Pressure ..... 750 bars
- Plunger ..... 16 mm
- Motor Size..... 40 Hp

Model: HDP1000-14

- Flow..... 14 L/M
- Max Pressure ..... 1000 bars
- Plunger ..... 14 mm
- Motor Size..... 40 Hp

Model: HDP1200-12

- Flow..... 30 L/M
- Max Pressure ..... 1200 bars
- Plunger ..... 12 mm
- Motor Size..... 40 Hp

## Alter Model

Model: HDP350-38

- Flow..... 38 L/M
- Max Pressure ..... 350 bars
- Plunger ..... 20mm
- RPM ..... 800
- Motor Size..... 30 Hp

Model: HDP500-38

- Flow..... 38 L/M
- Max Pressure .....500 bars
- Plunger .....18 mm
- RPM ..... 1000
- Motor Size ..... 50 Hp

Model: HDP600-30

- Flow..... 30 L/M
- Max Pressure .....600 bars
- Plunger .....18 mm
- RPM ..... 1000
- Motor Size ..... 50 Hp

Model: HDP800-23

- Flow..... 23 L/M
- Max Pressure .....800 bars
- Plunger .....16 mm
- RPM ..... 1000
- Motor Size ..... 50 Hp

## Common Specification

- Inlet Pressure .....1 to 3 bars
- Crankcase Capacity .....4 litres
- Max. Fluid Temperature.....60°C
- Inlet Ports (2) .....3/4" NPTF
- Flushing Ports (2) .....6mm
- Discharge Ports (2) ..... 1/2" NPTF
- Shaft Diameter .....35 mm
- Weight .....61 kg
- Dimensions ...580 x 466 x 245mm

## Option items

- Pressure guage
- Regulator unloader
- Safety valve
- Start up accumulator
- Quick coupling inlet
- Inlet/outlet fitting.