

Trimax S50 Series

Industrial Applications - 50Hz

VALVES

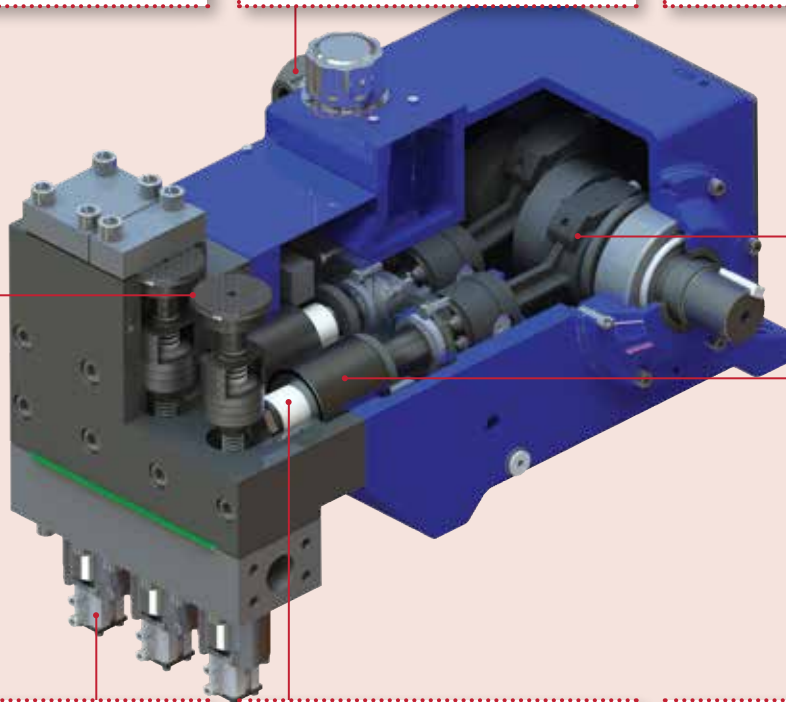
Manufactured from high grade stainless steel for maximum life.

INTEGRAL OIL PUMP

Providing forced oil lubrication to loaded bearings.

BEARINGS

Spherical roller main journals with lead bronze small and big ends.



VALVE LIFTERS

Can be fitted as an optional extra for safe pressure control.

RAMS

High purity alumina oxide ceramic or hardened stainless steel.

GLAND PACKING

Self-adjusting spring loading packing, for maximum sealing.

The Trimax S50 series pump is specified to provide a safe and reliable supply of high pressure water or water based fluids in a variety of industries including mining, petrochemicals, power generation, metal processing and site services.

PUMP GENERAL PERFORMANCE DATA

Flow	23 - 76 l/min	6 - 20 USgpm
Pressure	415 - 148 Bar	6,019 - 2,147 psi
Motor Power	22 kW	27 HP



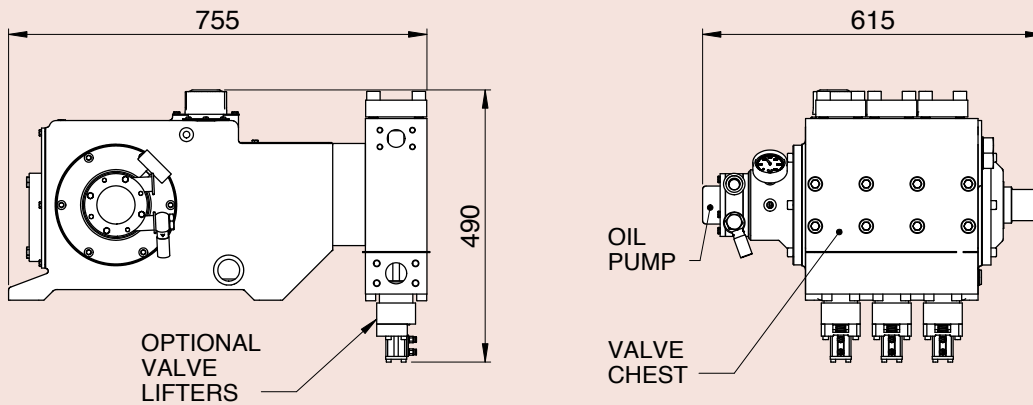
S50 PUMP DUTIES (22kW/30hp)

Motor Speed 1,475rpm
Crank Speed 328rpm
Stroke Length 50mm

RamØ	Pump Flow		Pump Pressure	
	mm	L/min	US gpm	BAR
25	23	6	415	6,019
45	76	20	148	2,147

Mechanical efficiency 90% Volumetric efficiency 95%

PUMP DIMENSIONS



Note: Improvements in general design and modifications in detail will be embodied for the benefit of clients as and when introduced; consequently this specification is subject to alteration, as and when necessary, without notice.

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