

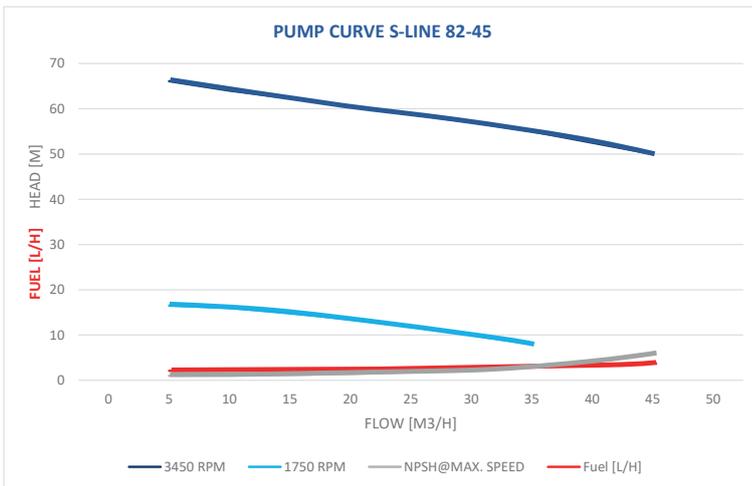
# 82-45

# GORMAN-RUPP S-LINE

General description



The Gorman-Rupp S-Line 82-45 is a diesel-powered wet self-priming pump set for pumping clean and dirty water and for light or non-frequent use of abrasive fluids.



pump curve based on water at 20°C

### CHASSIS

Steel, fully welded and hot-dip galvanized. Equipped with drain plug, oil separating overflow and forklift bars.

### CANOPY

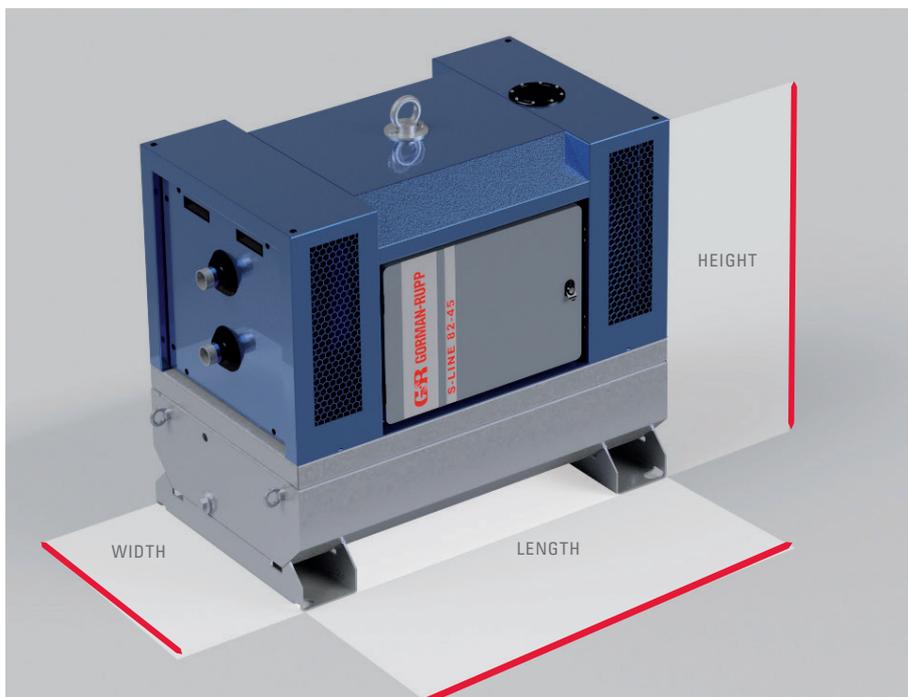
Steel body, galvanized, powder coated RAL 5003, Equipped with hinged doors.

### FUEL TANK

Stainless steel, 60 liters

### EMPTY WEIGHT

Approx. 580 kg



### PUMP

Gorman-Rupp 82H52 self-priming centrifugal pump



### ENGINE

Kohler KDW702 liquid-cooled 4-stroke 686 cc 2-cylinder diesel engine



### IMPELLER

7.12" Impeller made of cast iron



### PERFORMANCE

Max. 45 m³/h flow or 64 mWc head



### DIMENSIONS

2" x 2" BSP-T connection size, 19 mm solid handling capacity C: 1.35m B: 0,80m H: 1,31m



### SOUND

max. 82 dB, measured at 1 meter distance and 1 meter height



### WARRANTY

5-year Gorman-Rupp warranty on the pump, 1-year on the engine and other components



# 82-45

# GORMAN-RUPP S-LINE

*Technical specifications*



### PUMP

Solids handling	3/4" (19,1mm)
Max. working pressure	1007 kPa
Impeller	7,12" Semi-open, 4 vane impeller
Pump shaft bearings	Open single row ball bearings
Bearing lubrication	SAE30
Shaft sealing	Mechanical seal
Fasteners	Steel, nickel-plated
Oil sight galses	Available
Pump casing	Gray Iron 30
Impeller	Gray Iron 30
Pump shaft	Carbon Steel 1045/1046
Shaft sleeve	Alloy Steel 4130
Wear plate	Carbon Steel ASTM A36
Check valve	Buna-N with Nylon reinforcement, Gray Iron 30 and steel parts
Seal plate	Gray Iron 30
Gaskets	Cork and natural fibers
O-Rings	Buna N

### 82H52

### CHASSIS DESIGN

Chassis	Steel, fully welded, equipped with drain stopper, oil-separating overflow and forklift beams
Corrosion protection	Hot-dip galvanized
Canopy	Steel with 2 rotating doors
Corrosion protection	1) Zinc layer 2) 2-component epoxy insulation layer 3) Powder coating RAL 5003 (standard)
Doors	Composite sandwich construction, rotatable RAL 7036
Optional	See option list

### ENGINE

Brand	Kohler
Model	KDW702
Emission standard	EU stage V
Engine capacity	688 CC
Cooling	Liquid cooled
Air intake	Atmospheric
Fuel tank capacity	60 L
Autonomy at full load	Approx. 15 hours
Starting	Electric started

### CONTROL

Controlpanel	Standard Kohler KDW702
Start	Manual with ignition key
Control elements	Oil pressure / Water temperature / Battery voltage / Preheat / General warning
Hour meter	Yes
Speed adjustment	Hand-operated throttle

