"HAND ROTARY PUMP" Compact in Design & Light Weight

Applicable for low viscosity.

Applications

- Heavy fuel oil A
- Kerosene

*Oil temperature is over 10°C

Specification

Model	SB-20	SB-25		
Discharge Volume	20 L (5 USG) / 105 Rotations	20 L (5 USG) / 72 Rotations		
Impeller Material	PPS			
Suction Pipe	1001 mm	1038 mm		
Delivery Hose	ø20 × 1100	ø25 × 1280		
Net Weight	3.8 kg (8.4 lbs) (1 unit)	5.8 kg (12.8 lbs) (1 unit)		
Gross Weight	24 kg (52.9 lbs) (6 units)	25 kg (55.1 lbs) (4 units)		
Dimensions L×W×H (mm)	1050 × 235 × 130	1075 × 192 × 205		
Packing Unit	6	4		

Light weight & Economical to Use

Made of strong plastics.

Applications

(PP-25)

(PP-25C) • Solvent

Diesel

- Dispensing small volumes of liquid
- Heavy fuel oil A
- Kerosene
- Diesel
- Water
- Wine





Specification

Model	PP-25	PP-25C	
Discharge Volume	20 L/min (5 USG/min)		
Material	Polyethylene		
Pump Length	1190 mm		
Suction Pipe	878 mm		
Delivery Hose	ø25 × 1162 mm		
Net Weight	0.4 kg (0.9 lbs) (1 unit)		
Gross Weight	11 kg (24.2 lbs) (20 units)		
Dimensions L×W×H (mm)	1225 × 450 × 255		
Packing Unit	20		

SB-25

PP-25C Chemical Compatibility Rating Information

○ No Effect △ Moderate Effect × Not Recommended N Information Not Available Information Not Available Ratin A Acetone × Ammonium Hydroxide N C Chlorine O D Deionized Water △ Diesel Fuel O O E Ethanol O G Gasoline △ Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) H Hydrochloric Acid (100%) O I I Isopropyl Alcohol N N K Kerosene O L Lacquer Thinner × M Methanol O M Methanol O N Methyl Chloride × Mineral Spirits N N Motor Oil O O N Nitric Acid (20%) △ Nitric Acid (Concentrated) △ O Oil, Hy		Rating Scale			
× Not Recommended N Information Not Available Chemical Ratin A Acetone × Ammonium Hydroxide N C Chlorine O D Deionized Water △ D Deionized Water △ G Ghlorine O E Ethanol O G Gasoline △ Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N K Kerosene O L Lacquer Thinner × M Methanol O O M Methanol O O Nitric Acid (20%) △ N N Motor Oil O O P N Motor Oil O O P Paint × Phosphoric Acid (20%) △ N Nitric Acid (Concentrated) △ O	0	No Effect			
N Information Not Available Chemical (100% concentration unless noted) Ratin A Acetone × Ammonium Hydroxide N C Chlorine O D Deionized Water △ Diesel Fuel O O G Gasoline △ Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N K Kerosene O M Methanol O Methanol O O Nitric Acid (20%) △ N Motor Oil O O N Notro Cil O O N Nitric Acid (20%) △ Nitric Acid (20%) △ N Nitric Acid (20%) △ N Notro Oil O Phosphoric Acid (<40%)	Δ	Moderate Effect			
Chemical (100% concentration unless noted) Ratir A Acetone × Ammonium Hydroxide N C Chlorine O D Deionized Water △ Diesel Fuel O O E Ethanol O G Gasoline △ Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N K Kerosene O L Lacquer Thinner × M Methanol O Methanol O Methanol O N Mitric Acid (20%) △ N Motor Oil O O N Nitric Acid (20%) △ N N Motor Oil O O P Paint × Phosphoric Acid (< 40%)	×	Not Recommended			
(100% concentration unless noted) Ratin A Acetone × Ammonium Hydroxide N C Chlorine O D Deionized Water △ Diesel Fuel O G Gasoline △ Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) H Hydrochloric Acid (100%) O H Isopropyl Alcohol N K Kerosene O L Lacquer Thinner × M Methanol O Mineral Spirits N Mineral Spirits N Motor Oil O O Oil, Hydraulic O P Paint × Phosphoric Acid (< 40%) O Phosphoric Acid (< 40%) O Salt Water O Sodium Hydroxide (20%) Sodium Hydroxide (50%) N Sodium Hydroxide (80%)	N				
(100% concentration unless noted) Ratin A Acetone × Ammonium Hydroxide N C Chlorine O D Deionized Water △ Diesel Fuel O G Gasoline △ Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) H Hydrochloric Acid (100%) O H Isopropyl Alcohol N K Kerosene O L Lacquer Thinner × M Methanol O Mineral Spirits N Mineral Spirits N Motor Oil O O Oil, Hydraulic O P Paint × Phosphoric Acid (< 40%) O Phosphoric Acid (< 40%) O Salt Water O Sodium Hydroxide (20%) Sodium Hydroxide (50%) N Sodium Hydroxide (80%)	Chomical				
Ammonium Hydroxide N C Chlorine O D Deionized Water △ Diesel Fuel O O E Ethanol O G Gasoline △ Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) H Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O I I Isopropyl Alcohol N N K Kerosene O L Lacquer Thinner X M Methanol O Methyl Chloride X Mineral Spirits N Motor Oil O O O Nitric Acid (20%) △ N Nitric Acid (20%) △ Nitric Acid (Concentrated) △ O O O Phosphoric Acid (< 40%) O P Paint X Phosphoric Acid (< 40%) O O Salt Water O Sodium Hydroxide (20%) N Sodium Hydroxide (20%) N Sodium Hydroxide (2	(100	% concentration unless noted)	Rating		
C Chlorine O D Deionized Water △ Diesel Fuel O O E Ethanol O G Gasoline △ Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) O Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N K K Kerosene O O L Lacquer Thinner X M Methanol O Methayl Chloride X Mineral Spirits N Motor Oil O N Nitric Acid (20%) △ Nitric Acid (20%) △ N Nitric Acid (20%) △ ○ P Paint × Phosphoric Acid (< 40%) ○ Phosphoric Acid (< 40%) ○ Salt Water ○ ○ Sodium Hydroxide (20%) N N Sodium Hydroxide (20%) N Sodium Hydroxide (20%	Α		×		
D Deionized Water △ Diesel Fuel O E Ethanol O G Gasoline △ Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N K Kerosene O L Lacquer Thinner X M Methanol O Methyl Chloride X Mineral Spirits Motor Oil O O N Nitric Acid (20%) △ Nitric Acid (50%) △ △ Nitric Acid (20%) △ ○ Paint X Phosphoric Acid (<40%) ○ Phosphoric Acid (<40%) ○ ○ Phosphoric Acid (<40%) ○ Salt Water ○ Sodium Hydroxide (20%) N Sodium Hydroxide (20%) N Sodium Hydroxide (80%) N Sodium Hydroxide (80%) N		Ammonium Hydroxide			
Diesel Fuel O E Ethanol O G Gasoline △ Glycol N N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N K Kerosene O L Lacquer Thinner X M Methanol O Methyl Chloride X Methyl Ethyl Ketone Mineral Spirits N Motor Oil O N Nitric Acid (20%) △ A Nitric Acid (50%) △ △ Nitric Acid (50%) △ P Paint X Phosphoric Acid (< 40%) O P Paint X Phosphoric Acid (< 40%) O Salt Water O Sodium Hypochlorite N Sodium Hypochlorite N Sodium Hydroxide (50%) N	С				
E Ethanol O G Gasoline Δ Glycol N N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) O Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N N K Kerosene O O L Lacquer Thinner X M Methanol O O Methyl Chloride X Methyl Ethyl Ketone X Mineral Spirits N M Notor Oil O N Nitric Acid (20%) Δ A Nitric Acid (50%) Δ N Nitric Acid (50%) Δ A Phosphoric Acid (< 40%) O P Paint X Phosphoric Acid (< 40%) O Phosphoric Acid (< 40%) O S Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (50%) N Sodium Hydroxid	D	Deionized Water			
G Gasoline △ Glycol N H Hydrochloric Acid (20%) ○ Hydrochloric Acid (37%) ○ Hydrochloric Acid (100%) ○ Hydrochloric Acid (100%) ○ I Isopropyl Alcohol N K Kerosene ○ L Lacquer Thinner X M Methanol ○ Methyl Chloride X Methyl Ethyl Ketone X Mineral Spirits N Motor Oil ○ N Nitric Acid (20%) △ Nitric Acid (50%) △ ○ Nitric Acid (20%) △ ○ Plosphoric Acid (<40%) ○ ○ Phosphoric Acid (<40%) ○ ○ Phosphoric Acid (<40%) ○ ○ Salt Water ○ ○ Sodium Hypochlorite Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N		Diesel Fuel	0		
Glycol N H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) O Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N K Kerosene O L Lacquer Thinner X M Methanol O Methyl Chloride X Methyl Ethyl Ketone X Mineral Spirits N Motor Oil O Nitric Acid (20%) Δ Nitric Acid (20%) Δ Nitric Acid (Concentrated) Δ O Oil, Hydraulic O P Paint X Phosphoric Acid (< 40%) O Phosphoric Acid (< 40%) O Satt Water O Sodium Hypochlorite Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N	Е	Ethanol	0		
H Hydrochloric Acid (20%) O Hydrochloric Acid (37%) O Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N K Kerosene O L Lacquer Thinner X M Methanol O Methyl Chloride X Mineral Spirits N Motor Oil O N Nitric Acid (20%) Δ Nitric Acid (50%) Δ Nitric Acid (20%) Δ P Paint X Phosphoric Acid (< 40%) O Phosphoric Acid (< 40%) O Satt Water O Sodium Hypochlorite Sodium Hydroxide (20%) N Sodium Hydroxide (50%)	G	Gasoline	Δ		
Hydrochloric Acid (37%) O Hydrochloric Acid (100%) O I Isopropyl Alcohol N K Kerosene O L Lacquer Thinner X M Methanol O Methyl Chloride X Motor Oil O Nitric Acid (20%) Δ Nitric Acid (50%) Δ Nitric Acid (50%) Δ O Oil, Hydraulic O P Paint X Phosphoric Acid (< 40%) O Satt Water O Sodium Hypochlorite Sodium Hypochlorite N Sodium Hydroxide (50%) N					
Hydrochloric Acid (100%) O I Isopropyl Alcohol N K Kerosene O L Lacquer Thinner X M Methanol O Methyl Chloride X Methyl Ethyl Ketone X Mineral Spirits N Motor Oil O N Nitric Acid (20%) Δ Nitric Acid (50%) Δ Nitric Acid (Concentrated) Δ O Oil, Hydraulic O P Paint X Phosphoric Acid (≥40%) O Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N	Н				
I Isopropyl Alcohol N K Kerosene O L Lacquer Thinner X M Methanol O Methyl Chloride X Methyl Ethyl Ketone X Mineral Spirits N Motor Oil O N Nitric Acid (20%) A Aitric Acid (50%) A O O Oil, Hydraulic P Paint Phosphoric Acid (< 40%) O Phosphoric Acid (< 40%) O Salt Water O Sodium Hydroxide (20%) N Sodium Hydroxide (20%) N Sodium Hydroxide (80%) N		Hydrochloric Acid (37%)			
K Kerosene O L Lacquer Thinner × M Methanol O Methyl Chloride × Methyl Chloride × Mineral Spirits N Motor Oil O N Nitric Acid (20%) Δ Nitric Acid (50%) Δ Nitric Acid (Concentrated) Δ O Oil, Hydraulic O P Paint × Phosphoric Acid (≤40%) O Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N			0		
L Lacquer Thinner × M Methanol O Methyl Chloride × Methyl Ethyl Ketone × Mineral Spirits N Motor Oil O N Nitric Acid (20%) Δ Nitric Acid (50%) Δ Nitric Acid (Concentrated) Δ O Oil, Hydraulic O P Paint × Phosphoric Acid (≤ 40%) O Salt Water O Sodium Hypochlorite N Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N	1	Isopropyl Alcohol	N		
M Methanol O Methyl Chloride × Methyl Ethyl Ketone × Mineral Spirits N Motor Oil O N Nitric Acid (20%) △ Nitric Acid (50%) △ O Oil, Hydraulic O P Paint × Phosphoric Acid (≤40%) O Phosphoric Acid (≥40%) O Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N	κ	Kerosene			
Methyl Chloride × Methyl Ethyl Ketone × Mineral Spirits N Motor Oil O N Nitric Acid (20%) Δ Nitric Acid (50%) Δ Nitric Acid (50%) Δ O Oil, Hydraulic O P Paint × Phosphoric Acid (≤40%) O Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N	L				
Methyl Ethyl Ketone × Mineral Spirits N Motor Oil O N Nitric Acid (20%) Δ Nitric Acid (50%) Δ Nitric Acid (50%) Δ O Oil, Hydraulic Ο P Paint × Phosphoric Acid (< 40%) O Phosphoric Acid (≥40%) O Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N	Μ				
Mineral Spirits N Motor Oil O N Nitric Acid (20%) Δ Nitric Acid (50%) Δ Nitric Acid (Concentrated) Δ O Oil, Hydraulic O P Paint X Phosphoric Acid (< 40%) O Phosphoric Acid (≥ 40%) O S Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N					
Motor Oil O N Nitric Acid (20%) Δ Nitric Acid (50%) Δ Nitric Acid (Concentrated) Δ O Oil, Hydraulic O P Paint X Phosphoric Acid (< 40%) O Phosphoric Acid (≥ 40%) O Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N		Methyl Ethyl Ketone	×		
N Nitric Acid (20%) △ Nitric Acid (50%) △ Nitric Acid (Concentrated) △ O Oil, Hydraulic ○ P Paint × Phosphoric Acid (< 40%) ○ Phosphoric Acid (≤ 40%) ○ S Salt Water ○ Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (80%) N					
Nitric Acid (50%) △ Nitric Acid (Concentrated) △ O Oil, Hydraulic O P Paint × Phosphoric Acid (< 40%) O Phosphoric Acid (≤ 40%) O S Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (80%) N					
Nitric Acid (Concentrated) △ O Oil, Hydraulic O P Paint × Phosphoric Acid (< 40%) O Phosphoric Acid (≤ 40%) O Salt Water O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (80%) N	N				
O Oil, Hydraulic O P Paint X Phosphoric Acid (< 40%) O Phosphoric Acid (≧ 40%) O Salt Water O Seawater O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N					
P Paint × Phosphoric Acid (< 40%) O Phosphoric Acid (≧ 40%) O S Saft Water O Seawater O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N					
Phosphoric Acid (< 40%)		Oil, Hydraulic			
Phosphoric Acid (≧ 40%) O S Salt Water O Seawater O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N	P				
S Salt Water O Seawater O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N		Phosphoric Acid (< 40%)			
Seawater O Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N					
Sodium Hypochlorite N Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N	S				
Sodium Hydroxide (20%) N Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N			-		
Sodium Hydroxide (50%) N Sodium Hydroxide (80%) N					
Sodium Hydroxide (80%) N					
Sulfuric Acid (<10%) O					
Sulfurio Acid (10, 75%)			0		
		Sulfuric Acid (10–75%)			
Sulfuric Acid (75–100%) O					
W Water O			-		
X Xylene \triangle	X	Xylene			