



Longer Lifetime Easy Maintenance No Product Damage

MACWORX INC.

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MWS, MWR Type

MWS

MWR Shoe Technology

Features:

High discharge pressure

Stable operation

Suitable for high-pressure and harsh environments, with a long service life.



MWR

MWR Roller Technology

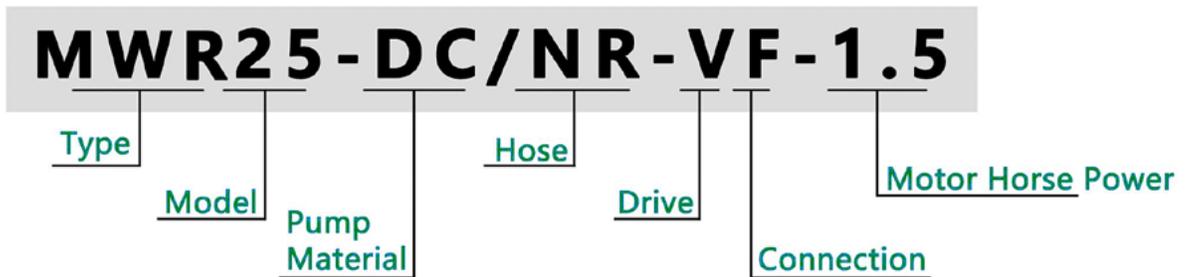
Features:

Low lubricant required

Low starting torque

Suitable for low-pressure and high-hygiene scenarios, with low maintenance costs.

Macworx Hose Pump Naming Rules

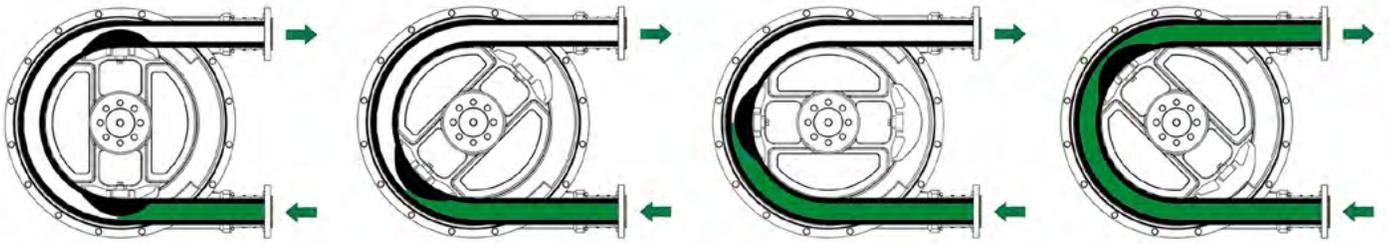


Code	Type	Pump Material	Hose	Drive	Connection
MWS=Shoe(0-16 bar)		DC=Ductile Iron	NR=Natural Rubber	V=IC416 V.F. Motor	F=Flange
MWR=Roller(0-8 bar)		AL=Aluminum Alloy	NRF=Food Grade NR	N=IC411 Motor	H=Hose tail Connector
		SS=SS304	EP=EPDM Rubber	E=Ex-proof Motor	S=Sanitary Grade
		LL=SS316L	NBR=Nitrile Rubber	H=Hydraulic Motor	N=NPT Thread
			NBRF=Food Grade NBR	A=Air Motor	B=BSP Thread
			CSM=Hypalon Rubber		

Macworx Quick Selection Table

Model	Max Flow	Healthy Flow	Max Pressure	Weight
MWS/Heavy Duty Hose Pump				
MWS -10	133L/H	12-60L/H	10Bar	20KG
MWS -15	500L/H	45-225L/H	10Bar	40KG
MWS -20	900L/H	81-405L/H	10Bar	40KG
MWS -25	1440L/H	160-800L/H	16Bar	100KG
MWS -32	3000L/H	320-1600L/H	16Bar	120KG
MWS -40	6400L/H	640-3200L/H	16Bar	190KG
MWS -50	14000L/H	1400-7000L/H	16Bar	270KG
MWS -65	24000L/H	2640-13200L/H	16Bar	500KG
MWS -80	35000L/H	4200-21000L/H	16Bar	900KG
MWS -100	48000L/H	7200-36000L/H	16Bar	1250KG
MWR/Low Pressure Hose Pump				
MWR -10	133L/H	16-80L/H	8Bar	20KG
MWR -15	500L/H	60-300L/H	8Bar	40KG
MWR -20	900L/H	109-545L/H	8Bar	40KG
MWR -25	1440L/H	216-1080L/H	8Bar	100KG
MWR -32	3000L/H	450-2250L/H	8Bar	120KG
MWR -40	6400L/H	960-4800L/H	8Bar	190KG
MWR -50	14000L/H	2100-10500L/H	8Bar	270KG
MWR -65	24000L/H	3600-18000L/H	8Bar	500KG
MWR -80	35000L/H	4800-24000L/H	8Bar	900KG
MWR -100	48000L/H	8400-42000L/H	8Bar	1250KG

→ Working Principle



→ Macworx Hose Pump Design

New Design Hose Pump



- Equipped with planetary, helical or worm type gear reducer, stable and reliable.

With a robust construction, it is suitable for heavy-duty applications and can withstand pressures up to 16 bar.

→ Applications



High Quality Hose Pump Solutions

Macworx Inc has more than 10 years of rich hands on experience in design, manufacturing, functionality and operation of hose pumps. High performance, simple design & high reliability to meet customer application requirements and achieve excellent total life cost.



Pump Advantages

- ✓ Excellent life cycle cost
- ✓ Long hose life and high quality
- ✓ Easy Maintenance
- ✓ Great Service
- ✓ Competitive Lead Time
- ✓ Low Shear Force
- ✓ Predictable Performance
- ✓ To save costs
- ✓ Reasonable Price
- ✓ Supply Variable Sizes
- ✓ Customization Support

Pump Features

- ✓ Strong Suction
- ✓ Continual Dry Operation
- ✓ Non mechanical seal Non packing gland
- ✓ Suitable for abrasive, corrosive or viscous fluids
- ✓ Easy to install, Operate and maintain
- ✓ Reversible flow Operation
- ✓ Low Noise
- ✓ Excellent Volumetric Flow Rate
- ✓ Accurate Dispensing, Dosing and Metering
- ✓ Long Lifespan and High Reliability
- ✓ Suitable for Solid-liquid Mixtures
- ✓ Stainless Steel Bolts

Features and Advantage of Hose

- ✓ High-quality composite rubber
- ✓ Long-life materials and structures with internal Reinforcement layers.
- ✓ Suitable for pressures up to 16 bar.
- ✓ Hoses in six different rubber material and various sizes, compatible with a wide range of pump brands

Market and Applications

General Industry -- Kaolin, Pulp and Papermaking waste sludge, Organic Fertilizer, Chemical Fertilizer, Ceramic Glaze, Mold Filling, Titanium Dioxide Filter Press Feed, Building Fiber Mortar, Plaster, Cement.

Chemical -- Corrosive Acids and Alkalis, Latex, Alcohol, Soap, Shampoo, Detergents, Dosing, Paint Water-based Paints, Acrylics, Pigments, inks, Wall paints.

Water Treatment -- Lime Water, Granular Activated Carbon (GAC), Sodium hypochlorite, Ferric Chloride, Sodium Bisulfite, Fluoride, Polymer, Ammonium Hydroxide, Potassium, Permanganate, Sodium Hydroxide.

Mining -- Sludge, Viscous Fluids, Mud, Clay-rich High-solids Fluids, Lightweight Concrete, Lead Sulfate, Pyrite, SABX, Cyanide, and Various Acids.

Food and Beverages -- Yeast, Diatomaceous Earth, Egg Whites and Yolks, Fat, Olive Oil, Wine, Semolina, A mixture of water and salt, Natural Seasonings, Baking Dough/Batter, Butter, Molasses, Liquid Sugar, Liquid Protein, Syrup.



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