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Насосы самовсавыющие LD, ND SULZER. Техническое описание

Самара (846)206-03-16

The MCD80 LD-185 is a low head pump with a maximum head of 29 meters (94 ft) and max flow of 144 m3/h (634 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.



Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 3 vane, open impeller

Suction x discharge	80 x 80 mm / 3 x 3 in
Max flow	40 l/s / 634 USgpm /144 m³/h
Max head	29 m / 94 ft
Solids Handling	80 mm / 3,1 in
Dry weight	1000 kg / 2205 lbs
Flow @ BEP1	26 l/s / 410 USgpm / 95 m ³ /h
Pressure @ BEP2	21 m / 70 ft
Impeller Diameter	185 mm

The MCD100 LD-243 is a low head pump with a maximum head of 54 meters (175 ft) and max flow of 240 m3/h (1054 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane, open impeller

Suction x discharge $100 \times 100 \text{ mm} / 4 \times 4 \text{ in}$

Max flow	67 l/s / 1054 USgpm / 239 m ³ /h
Max head	54 m / 175 ft

Solids Handling	45 mm / 1,8 in
Dry weight	1050 kg / 2315 lbs
Flow @ BEP1	47 l/s / 745 USgpm / 170 m ³ /h
Pressure @ BEP2	33 m / 110 ft
Impeller Diameter	243 mm

The MCD150 LD-285 is a low head pump with a maximum head of 60 meters (197 ft) and max flow of 625 m3/h (2750 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane, open impeller

Suction x discharge $150 \times 150 \text{ mm} / 6 \times 6 \text{ in}$

Max flow	174 l/s / 2750 USgpm / 625 m ³ /h
Max head	60 m / 197 ft
Solids Handling	80 mm / 3,1 in
Dry weight	1510 kg / 3329 lbs

Flow @ BEP1	127 l/s / 2015 USgpm / 455 m ³ /h
Pressure @ BEP2	40 m / 130 ft
Impeller Diameter	285 mm

The MCD150 LD-255 has a max head of 33 meters (108 ft) and max flow of 507 m3/h (2232 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane, open impeller

Suction x discharge $150 \times 150 \text{ mm} / 6 \times 6 \text{ in}$

Max flow	141 l/s / 2232 USgpm / 507 m ³ /h
Max head	33 m / 108 ft
Solids Handling	80 mm / 3,1 in
Dry weight	1160 kg / 2557 lbs
Flow @ BEP1	90 l/s / 1425 USgpm / 325 m ³ /h
Pressure @ BEP2	22 m / 70 ft

Impeller Diameter 255 mm

The MCD220 LD-320 is a low head/medium flow pump with a maximum head of 54 meters (177 ft) and max flow of 732 m3/h (3221 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane, open impeller

Suction x discharge 200 x 200 mm / 8 x 8 in

Max flow	203 l/s / 3221 USgpm / 732 m ³ /h
Max head	54 m / 177 ft
Solids Handling	80 mm / 3,1 in
Dry weight	1620 kg / 3571 lbs
Flow @ BEP1	150 l/s / 2380 USgpm / 540 m³/h
Pressure @ BEP2	30 m / 100 ft
Impeller Diameter	320 mm

The MCD250 LD-380 is a low head/high flow pump with a maximum head of 60 meters (197 ft) and max flow of 1094 m3/h (4818 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane, semi- open impeller

Suction x discharge	250 x 200 mm /	10 x 8 in
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Max flow	304 l/s / 4818 USgpm / 1094 m ³ /h
Max head	60 m / 197 ft
Solids Handling	60 mm / 2,4 in
Dry weight	51000 kg / 11023 lbs
Flow @ BEP1	225 l/s / 3565 USgpm / 810 m ³ /h
Pressure @ BEP2	36 m / 115 ft
Impeller Diameter	380 mm

The MCD300 LD-536G is a low head/high flow pump with a maximum head of 60 meters (195 ft) and max flow of 1595 m3/h (7022 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane, open impeller

Suction x discharge $300 \times 300 \text{ mm} / 12 \times 12 \text{ in}$

Max flow	443 l/s / 7022 USgpm / 1595 m ³ /h
Max head	60 m / 195 ft
Solids Handling	90 mm / 3,5 in
Dry weight	7370 kg / 16248 lbs
Flow @ BEP1	360 l/s / 5705 USgpm / 1295 m ³ /h
Pressure @ BEP2	33 m / 105 ft
Impeller Diameter	536 mm

The MCD130 LD-435 is a medium pump with a maximum head of 88 meters (289 ft) and max flow of 244 m3/h (1073 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage

- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

End suction, single stage, centrifugal pump, 3 vane, semi-open impeller

Juction & discharge	Suction x discharge	150 x 150 mm / 6 x 6 ir
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Max flow	68 l/s / 1073 USgpm / 244 m ³ /h
Max head	88 m / 289 ft
Solids Handling	30 mm / 1,2 in
Dry weight	2000 kg / 4409 lbs
Flow @ BEP1	52 l/s / 825 USgpm / 185 m ³ /h
Pressure @ BEP2	75 m / 245 ft
Impeller Diameter	435 mm

The MCD150 LD-394 is a medium pump with a maximum head of 100 meters (328 ft) and max flow of 688 m3/h (3027 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

End suction, single stage, centrifugal pump, 2 vane, semi-open impeller

Suction x discharge	200 x 150 mm /	8 x 6 iı	า
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Max flow	191 l/s / 3027 USgpm / 688 m³/h
Max head	100 m / 328 ft
Solids Handling	50 mm / 2,0 in
Dry weight	5600 kg / 12346 lbs
Flow @ BEP1	140 l/s / 2220 USgpm / 505 m ³ /h
Pressure @ BEP2	70 m / 230 ft
Impeller Diameter	394 mm

The MCD220 LD-395 is a medium head pump with a maximum head of 69 meters (226 ft) and max flow of 731 m3/h (3219 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

End suction, single stage, centrifugal pump, 4 vane, semi-open impeller

Suction x discharge 200 x 200 mm / 8 x 8 in

Max flow	203 l/s / 3219 USgpm / 731 m ³ /h
Max head	69 m / 226 ft
Solids Handling	50 mm / 2,2 in
Dry weight	5760 kg / 12699 lbs
Flow @ BEP1	171 l/s / 2710 USgpm / 615 m ³ /h
Pressure @ BEP2	58 m / 190 ft
Impeller Diameter	395 mm

The MC300 ND-490 is a medium head pump with a maximum head of 89 meters (292 ft) and max flow of 1908 m3/h (8401 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane fully open impeller

Suction x discharge	300 x 300 mm / 12 x 12 in
Max flow	530 l/s / 8401 USgpm / 1908 m³/h
Max head	89 m / 292 ft
Solids Handling	90 mm / 3,5 in
Dry weight	10350 kg / 22818 lbs
Flow @ BEP1	400 l/s / 6340 USgpm / 1440 m ³ /h
Pressure @ BEP2	45 m / 150 ft
Impeller Diameter	490 mm

The MCD300 ND-510 has a max head of 105 meters (345 ft) and max flow of 1995 m3/h (8786 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane, fully open impeller

Suction x discharge	300 x 300 mm / 12 x 12 in
Max flow	554 l/s / 8786 USgpm / 1995 m ³ /h

Max head	105 m / 345 ft
Solids Handling	90 mm / 3,5 in
Dry weight	5550 kg / 12236 lbs
Flow @ BEP1	450 l/s / 7135 USgpm / 1620 m ³ /h
Pressure @ BEP2	55 m / 180 ft
Impeller Diameter	510 mm

The MCD80 HD-325 has a max head of 75 meters (245 ft) and max flow of 97 m3/h (428 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 3 vane, open impeller

Suction x discharge $80 \times 80 \text{ mm} / 3 \times 3 \text{ in}$

Max flow	27 l/s / 428 USgpm / 97 m ³ /h
Max head	75 m / 245 ft
Solids Handling	25 mm / 1,0 in

Dry weight	1510 kg / 3329 lbs
Flow @ BEP1	21 l/s / 340 USgpm / 75 m ³ /h
Pressure @ BEP2	67 m / 220 ft
Impeller Diameter	325 mm

The MCD130 HD-465 has a max head of 134 meters (439 ft) and max flow of 300 m3/h (1322 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 3 vane, semi-open impeller

Suction x discharge $150 \times 150 \text{ mm} / 6 \times 6 \text{ in}$

Max flow	83 l/s / 1322 USgpm / 300 m ³ /h
Max head	134 m / 439 ft
Solids Handling	30 mm / 1,2 in
Dry weight	5550 kg / 12236 lbs
Flow @ BEP1	66 l/s / 1045 USgpm / 240 m ³ /h

Pressure @ BEP2	112 m / 365 ft	

Impeller Diameter 465 mm

The MCD160 HD-456 has a max head of 140 meters (460 ft) and max flow of 670 m3/h (2950 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane, semi-open impeller

Suction x discharge $200 \times 150 \text{ mm} / 8 \times 6 \text{ in}$

Max flow	186 l/s / 2950 USgpm / 670 m ³ /h
Max head	140 m / 460 ft
Solids Handling	65 mm / 2,6 in
Dry weight	5600 kg / 12346 lbs
Flow @ BEP1	136 l/s / 2155 USgpm / 490 m ³ /h
Pressure @ BEP2	95 m / 310 ft
Impeller Diameter	456 mm

The MCD220 HD-432 has a max head of 114 meters (372 ft) and max flow of 924 m3/h (4070 USgpm). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 2 vane, semi-open impeller

Max flow	257 l/s / 4070 USgpm / 924 m ³ /h
Max head	114 m / 372 ft
Solids Handling	55 mm / 2,2 in
Dry weight	6630 kg / 14617 lbs
Flow @ BEP1	220 l/s / 3485 USgpm / 790 m ³ /h
Pressure @ BEP2	95 m / 310 ft
Impeller Diameter	432 mm

The MCD100 SD-560 has a max head of 185 meters (606 ft) and max flow of 294 m3/h (1297 ft). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

Main benefits

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

Product information

End suction, single stage, centrifugal pump, 5 vane, closed impeller

Suction x discharge	150 x 100 mm	/ 6 x 4	in
Saction A discharge			

Max flow	82 l/s / 1297 USgpm / 294 m ³ /h
Max head	185 m / 606 ft
Solids Handling	822 mm / 0,9 in
Dry weight	5870 kg / 12941 lbs
Flow @ BEP1	66 l/s / 1045 USgpm / 240 m ³ /h
Pressure @ BEP2	150 m / 500 ft
Impeller Diameter	560 mm

The MCD150 SD-560 has a max head of 184 meters (603 ft) and max flow of 539 m3/h (2374 ft). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage

- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

End suction, single stage, centrifugal pump, 5 vane, closed impeller

Suction x discharge	200 x 150 mm /	′ 8 x 6 iı	า

Max flow	150 l/s / 2374 USgpm / 539 m³/h
Max head	184 m / 603 ft
Solids Handling	43 mm / 1,7 in
Dry weight	6750 kg / 14881 lbs
Flow @ BEP1	125 l/s / 1980 USgpm / 450 m ³ /h
Pressure @ BEP2	154 m / 505 ft
Impeller Diameter	560 mm

The MCD200 SD-636 has a max head of 175 meters (574 ft) and max flow of 742 m3/h (3265 ft). Our self priming pumps are design with harsh environments in mind, heavy-duty construction, excellent L3/D4 ratio and the right materials of construction.

- Dry self prime and reprime
- Ductile iron volute with 316 SS impeller/wearplates standard
- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Suction lifts to 8.5 meters
- Replaceable wear parts

End suction, single stage, centrifugal pump, 5 vane, closed impeller

Suction x discharge 250 x 200 mm / 10 x 8 in

Max flow	206 l/s / 3265 USgpm / 742 m ³ /h
Max head	175 m / 574 ft
Solids Handling	31 mm / 1,2 in
Dry weight	9440 kg / 20812 lbs
Flow @ BEP1	184 l/s / 2915 USgpm / 660 m ³ /h
Pressure @ BEP2	153 m / 500 ft
Impeller Diameter	636 mm

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