

APPLICATION

The SM-type centrifugal pumps are intended for pumping household and industrial contaminated liquids with maximum density up to 1100 kg/m^3 with $\text{PH}=6-8,5$, with temperatures up to $363\text{K}(90^\circ\text{C})$, with the content of abrasive particles not more than 1% by mass, with the size of the particles not more than 5 mm.

The pumps can be used in other industries provided their parameters meet the requirements of operation and safety in the industries.

The pumps fall into item category 1 (restorable) GOST 27.003-90. They are produced in UHL (moderate cool) climatic design for employment in category 4 facilities, GOST 15150-69, and in T (tropical) design for employment in category 2 facilities, GOST 15150-69.

The SM-type pumps and pumping units are designed for operating in explosion-proof and fire-proof rooms only.

PUMP DESIGNATION

SM80-50-200a/2

- SM** - pump type (sewage)
- 80** - approximate suction pipe diameter (mm)
- 50** - approximate delivery pipe diameter (mm)
- 200** - approximate impeller diameter (mm)
- a (b)** - reduced diameter impeller variant
- 2(4,6)** - rotary speed 2900min^{-1} (1450 min^{-1} , 960 min^{-1})

DESCRIPTION

The SM-type pumps are centrifugal, horizontal, cantilever pumps, the shaft is gland-sealed.

The character of the liquid which contains a great amount of impurities makes the design be proof against clogging. The flowing passages are wider in comparison with the passages of the pumps which transfer clean liquids.

The setting details material is cast iron.

The distance piece between the shafts of the pump and the electric motor allows to dismantle the pump without dismantling pipes and electric motor.



To find out technical characteristics of the model you need, just click on the mark of the pump

The mark of the pump	Flow, m ³ h	Head, m	The mark of the pump	Flow, m ³ h	Head, m
SM 80-50-200/2	50	50	SM 80-50-200a/2	45	42
SM 80-50-200b/2	25	32	SM 80-50-200/4	25	12,5
SM 80-50-200a/4	22	9	SM 80-50-200b/4	20	7,5
SM 100-65-200/2	100	50	SM 100-65-200a/2	100	32
SM 100-65-200a/2	80	32	SM 100-65-200/4	50	12,5
SM 100-65-200a/4	45	9	SM 100-65-200b/4	40	8
SM 100-65-250/4	50	20	SM 100-65-250a/4	45	16
SM 100-65-250b/4	40	14	SM 125-80-315/4	80	32
SM 125-100-250/4	100	20	SM 125-100-250a/4	100	15
SM 125-100-250b/4	80	14	SM 150-125-315/4	200	32
SM 150-125-315a/4	180	27,5	SM 150-125-315b/4	160	22,5
SM 150-125-315/6	100	15	SM 150-125-315a/6	100	12,5
SM 150-125-315b/6	92	10	SM 200-150-400/4	400	50
SM 200-150-400a/4	300	40	SM 200-150-400b/4	300	32
SM 200-150-400/6	250	22,5	SM 200-150-400a/6	220	17
SM 200-150-500/4	400	80	SM 200-150-500a/4	300	70
SM 200-150-500b/4	280	57	SM 250-200-400/4	800	50
SM 250-200-400a/4	720	43	SM 250-200-400b/4	680	35
SM 250-200-400/6	530	22	SM 250-200-400a/6	440	21
SM 250-200-400b/6	400	18			

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	25
Head, m	32
Frequency, Hz	50
Frequency, rpm	3000
Power, kWt	11
Height of self-suction, m	3

SM 80-50-200/2

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	50
Head, m	50
Frequency, Hz	50
Frequency, rpm	3000
Power, kWt	15
Height of self-suction, m	3

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	22
Head, m	9
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	2,2
Height of self-suction, m	1

SM 100-65-200/2

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	100
Head, m	50
Frequency, Hz	50
Frequency, rpm	3000
Power, kWt	37
Height of self-suction, m	

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	80
Head, m	32
Frequency, Hz	50
Frequency, rpm	3000
Power, kWt	18,5
Height of self-suction, m	3

SM 100-65-200a/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	45
Head, m	9
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	3
Height of self-suction, m	2

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	50
Head, m	20
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	7,5
Height of self-suction, m	4

SM 100-65-250b/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	40
Head, m	14
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	4
Height of self-suction, m	4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	100
Head, m	20
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	11
Height of self-suction, m	4

SM 125-100-250b/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	80
Head, m	14
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	7,5
Height of self-suction, m	4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	180
Head, m	27,5
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	30
Height of self-suction, m	4

SM 150-125-315/6

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	100
Head, m	15
Frequency, Hz	16,67
Frequency, rpm	1000
Power, kWt	11
Height of self-suction, m	4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	92
Head, m	10
Frequency, Hz	16,67
Frequency, rpm	1000
Power, kWt	7,5
Height of self-suction, m	4

SM 200-150-400a/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	300
Head, m	40
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	90
Height of self-suction, m	5

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	250
Head, m	22,5
Frequency, Hz	16,67
Frequency, rpm	1000
Power, kWt	30
Height of self-suction, m	4

SM 200-150-500/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	400
Head, m	80
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	200
Height of self-suction, m	6

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	280
Head, m	57
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	110
Height of self-suction, m	6

SM 250-200-400a/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	720
Head, m	43
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	200
Height of self-suction, m	6

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	530
Head, m	22
Frequency, Hz	16,67
Frequency, rpm	1000
Power, kWt	75
Height of self-suction, m	6

SM 250-200-400b/6

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	400
Head, m	18
Frequency, Hz	16,67
Frequency, rpm	1000
Power, kWt	45
Height of self-suction, m	6

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	45
Head, m	42
Frequency, Hz	50
Frequency, rpm	3000
Power, kWt	11
Height of self-suction, m	3

SM 80-50-200/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	25
Head, m	12,5
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	3
Height of self-suction, m	2

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	20
Head, m	7,5
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	1,5
Height of self-suction, m	1

SM 100-65-200a/2

They are intended for pumping household sewage, industrial discharge and other olluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	100
Head, m	32
Frequency, Hz	50
Frequency, rpm	3000
Power, kWt	22
Height of self-suction, m	4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	50
Head, m	12,5
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	5,5
Height of self-suction, m	2

SM 100-65-200b/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	40
Head, m	8
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	2,2
Height of self-suction, m	2

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	45
Head, m	16
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	5,5
Height of self-suction, m	4

SM 125-80-315/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	80
Head, m	32
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	22
Height of self-suction, m	4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	100
Head, m	15
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	7,5
Height of self-suction, m	4

SM 150-125-315/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	200
Head, m	32
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	37
Height of self-suction, m	4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	160
Head, m	22,5
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	22
Height of self-suction, m	4

SM 150-125-315a/6

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	100
Head, m	12,5
Frequency, Hz	16,67
Frequency, rpm	1000
Power, kWt	11
Height of self-suction, m	4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	400
Head, m	50
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	110
Height of self-suction, m	5

SM 200-150-400b/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	300
Head, m	32
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	75
Height of self-suction, m	5

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	220
Head, m	17
Frequency, Hz	16,67
Frequency, rpm	1000
Power, kWt	22
Height of self-suction, m	4

SM 200-150-500a/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	300
Head, m	70
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	160
Height of self-suction, m	6

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	800
Head, m	50
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	250
Height of self-suction, m	6

SM 250-200-400b/4

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	680
Head, m	35
Frequency, Hz	25
Frequency, rpm	1500
Power, kWt	160
Height of self-suction, m	6

They are intended for pumping household sewage, industrial discharge and other polluted liquids with pH from 6 to 3 8,5, density - up to 1050 kg/m, temperature - up to 90° C, with the content of abrasive particles not more than 1% of the volume, with the size of the particles not more than 5 mm and micro-hardness not more than 9000 Mpa.

The features of the liquids to be pumped, which contains a lot of pollutants, demand the characteristic of non-clogging from the pump. Flow ducts of this pump are made wider in comparison to the ducts of the pumps used for pure liquids. Stream-lined surfaces of the working wheel are flushed with the surface of the spiral duct.

Flow, m ³ /h	440
Head, m	21
Frequency, Hz	16,67
Frequency, rpm	1000
Power, kWt	55
Height of self-suction, m	6

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