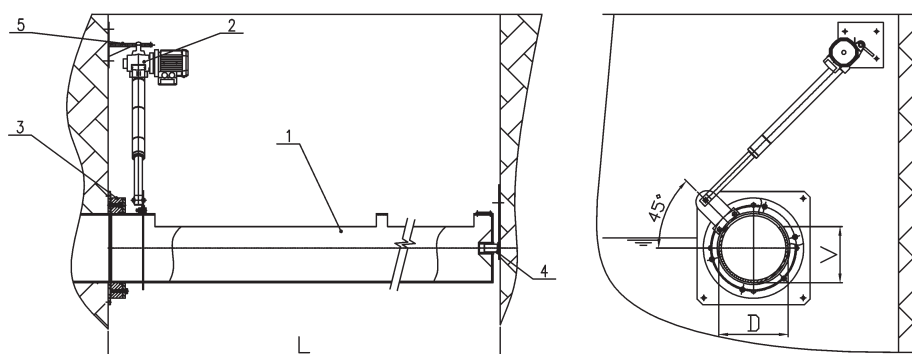


# Tiltable draining chute with electric motor

## KUNST NŽ - 306

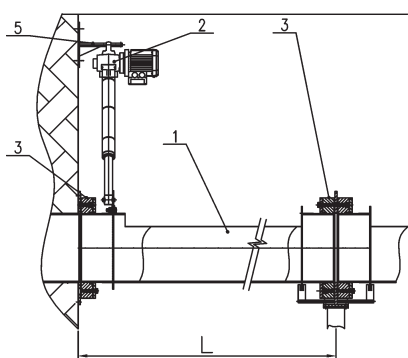
Basic variant "seal-pin"



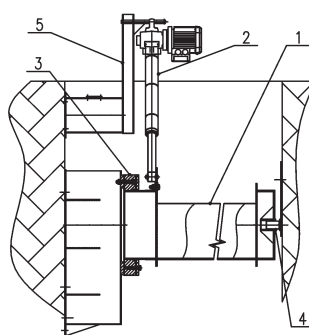
Legend:

- D Chute diameter
- V Chute height
- L Chute width
- 1 Chute
- 2 Electric driving motor
- 3 Mechanical seal
- 4 Pin
- 5 Chute console

Variant "seal-seal"



Variant "seal-pin with off-take"



Variant "pin-pin with off-take"

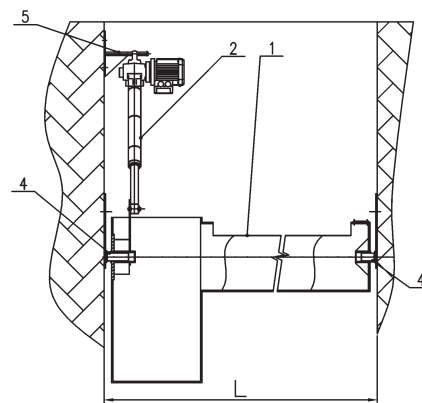


TABLE OF MAIN DIMENSIONS

Parameter	Chute dia.	Chute height	Tank width (1 drive)		Tank width (2 drives)		Input power
	D	V	L		L		(1 drive)
Unit	mm	mm	mm		mm		W
			min	max	min	max	
Size	306	248	2 000	6 000	6 000	12 000	180
Increments	-	-	100		200		-





## Tiltable draining chute with electric motor

### KUNST NŽ - 306

#### APPLICATION

The tiltable draining chute NZ-306 is designed for discharge of floating impurities from rectangular sedimentation tanks. These impurities are removed from the tank level by means of racks and from the chute itself by gravity or by a sludge pump.

#### FUNCTIONAL PRINCIPLE

The tiltable draining chute NZ-306 consists of the own chute structure, swivel type connection and a linear electric driving motor. This swivel means a pin or a mechanical seal or a combination of both elements. In the off state the chute is in its central position with both chute edges in the same height above the level. For discharge of impurities the chute can be tilted as necessary by a linear electric motor so that one chute edge submerges and floating impurities overflow into the chute. From here they are removed by gravity or by a sludge pump.

In case of the sludge pump the chute is provided with a collecting trap. This trap can be attached to the tank wall or be part of the chute and then be tilted together with the chute.

#### MATERIAL DESIGN

The entire chute structure is made of stainless steel (except for electric motor). It is equipped with a mechanical seal made in combination stainless steel-plastics-rubber. The linear electric driving motor is designed for outdoor applications with its rate of protection IP55.

#### OPERATION AND MAINTENANCE

This chute is controlled through a separate control box manually or in the automatic mode. As any effective removal of impurities from the chute requires visual control we recommend installing the control box close to the chute and operation preferentially in the manual control mode.

Operation of this equipment is does not require permanent attendance and its routine maintenance should be done in compliance with instructions as stated in the operating manual.

#### DELIVERY FORM

Standard delivery includes on-site installation of the entire equipment with its linear electric motor and accessories according to a contract. Accessories (as well as particular dimensions, see chart) can be optionally changed upon agreement and technical clarification.

The supplier reserves the right of changes in its deliveries contrary to graphical figures, however, in compliance with the agreed parameters.

#### DATE OF DELIVERY:

According to contract.

R.č. NŽ-306-K 10/10-A-en

