



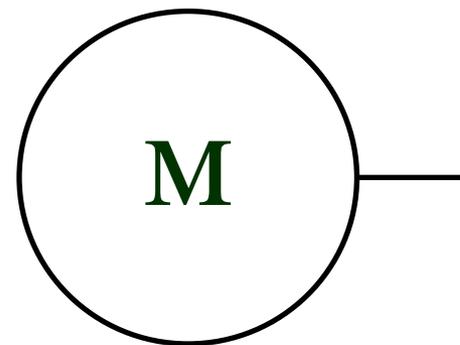
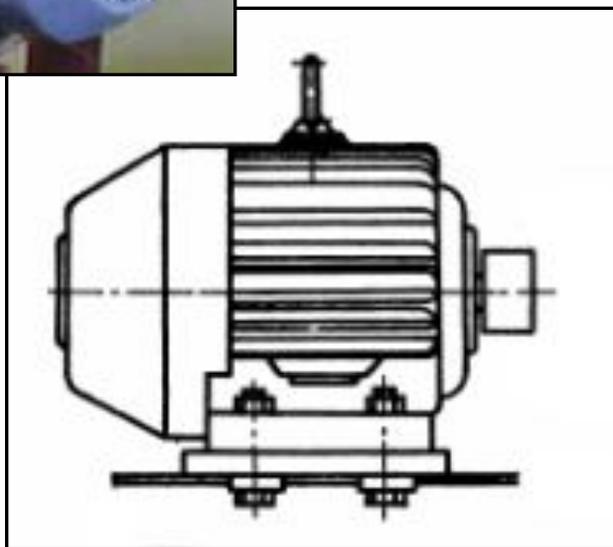
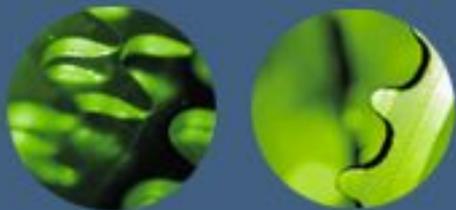
Прикладная механика

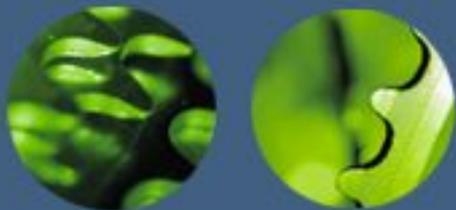
**Давидович
Игорь Юрьевич**
(курс лекций)

**Кинематическая схема привода
технологической машины.
Обозначения элементов привода
на кинематических схемах.**

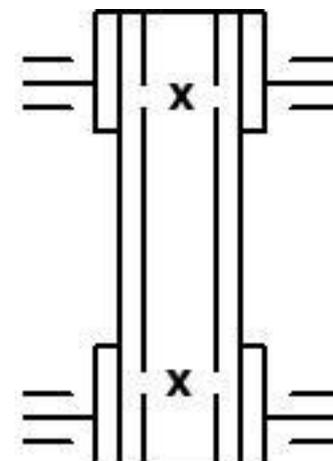
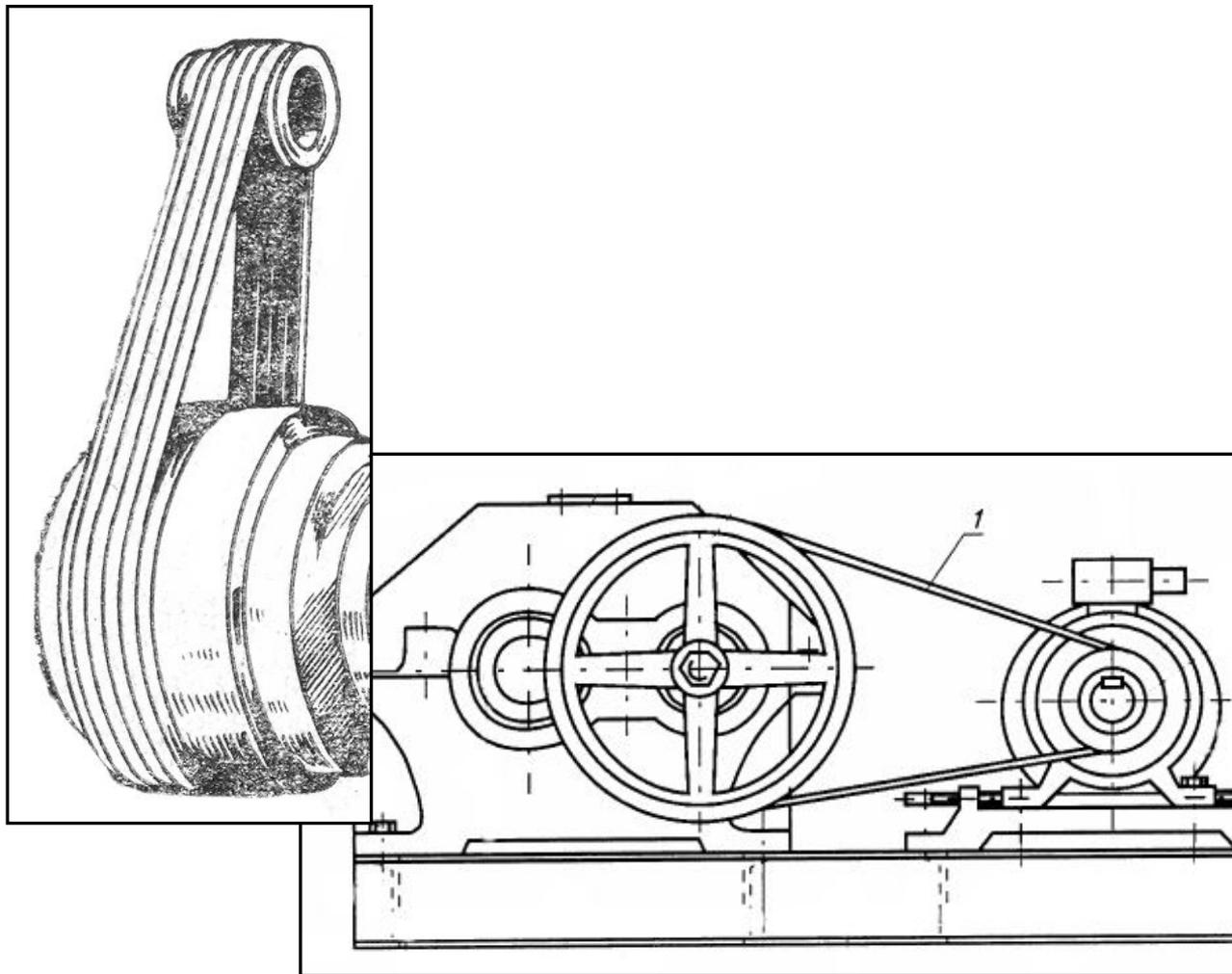
к. 205, корпус 1, т. 80222410512
E-mail: igor_davidovich@tut.by

Источник движения

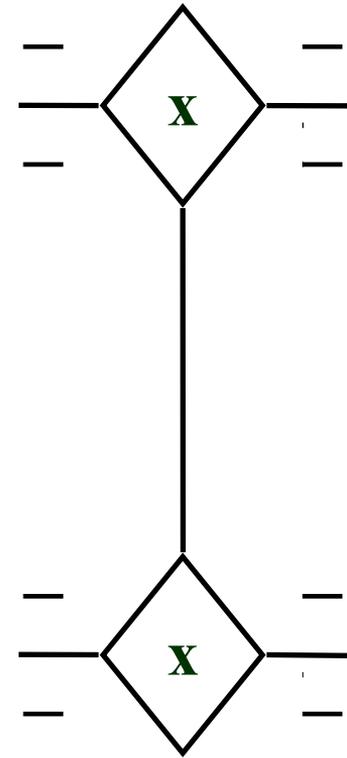
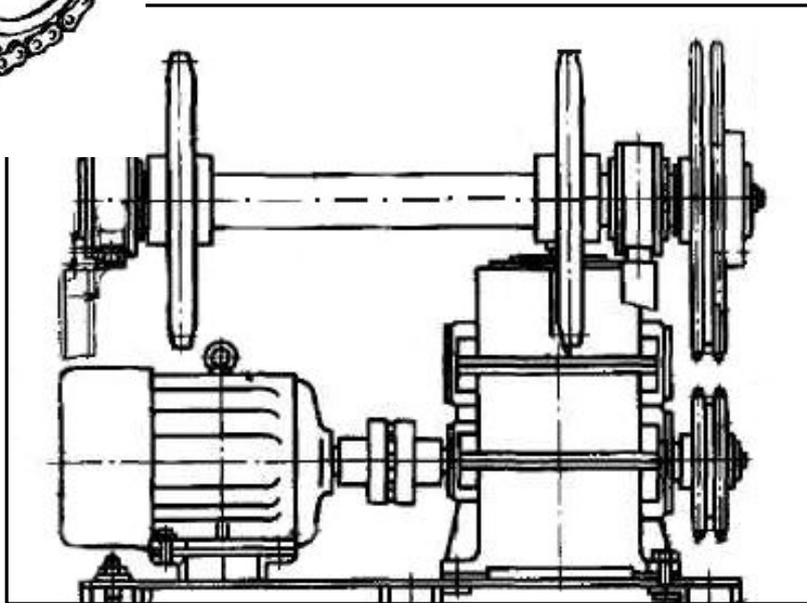
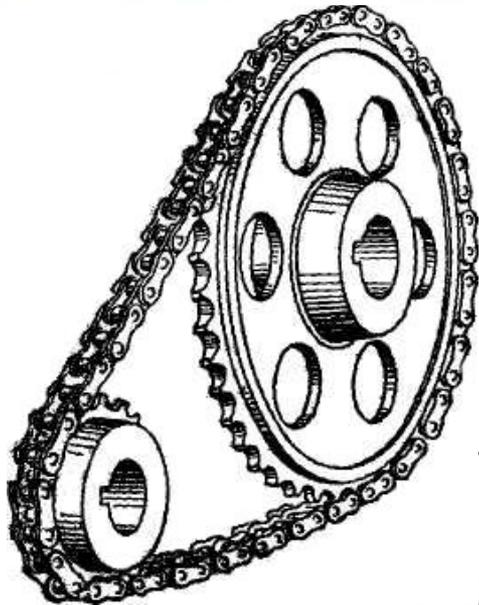
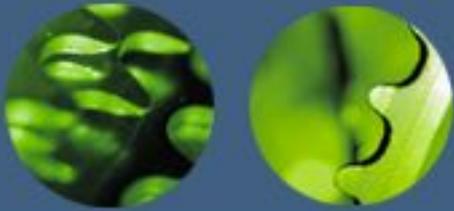


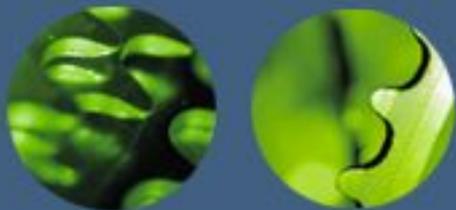


Передача гибкой связью (клиноременная)

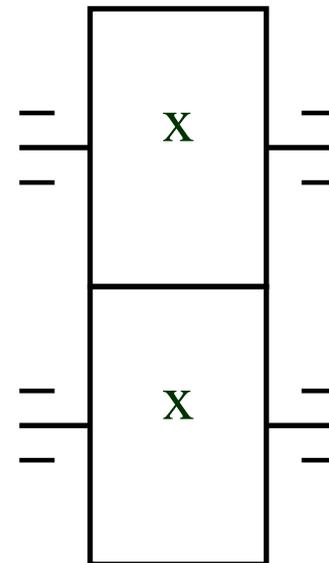
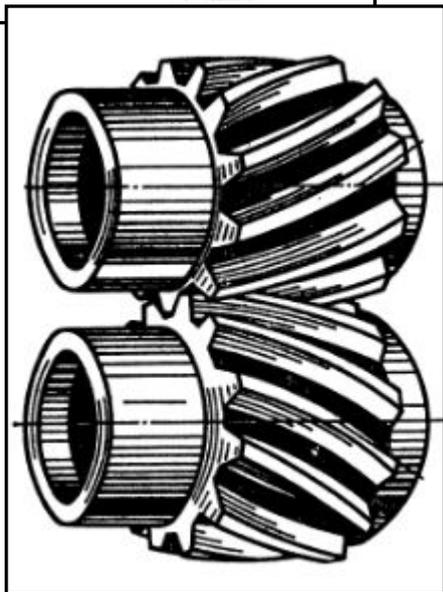
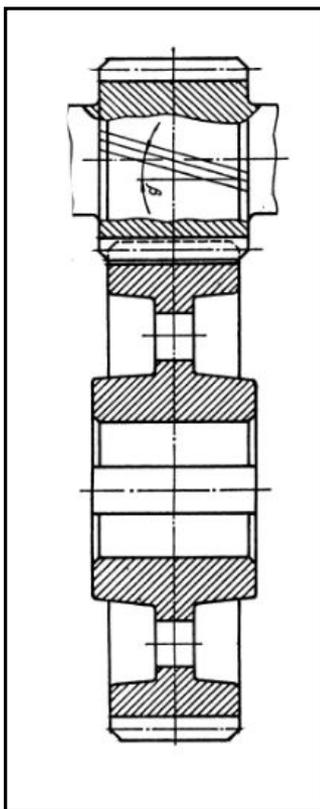
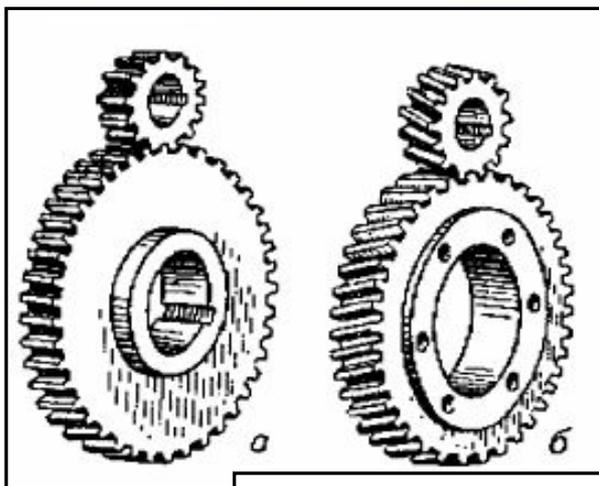


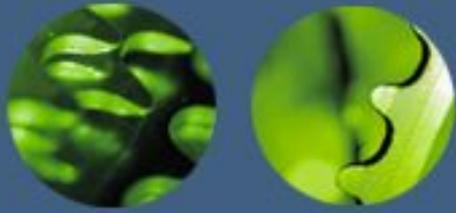
Передача зацеплением (цепная)



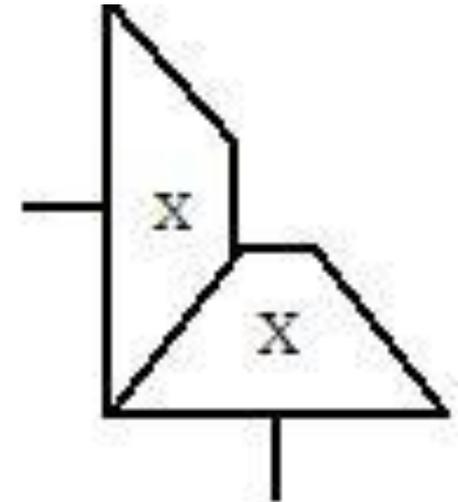
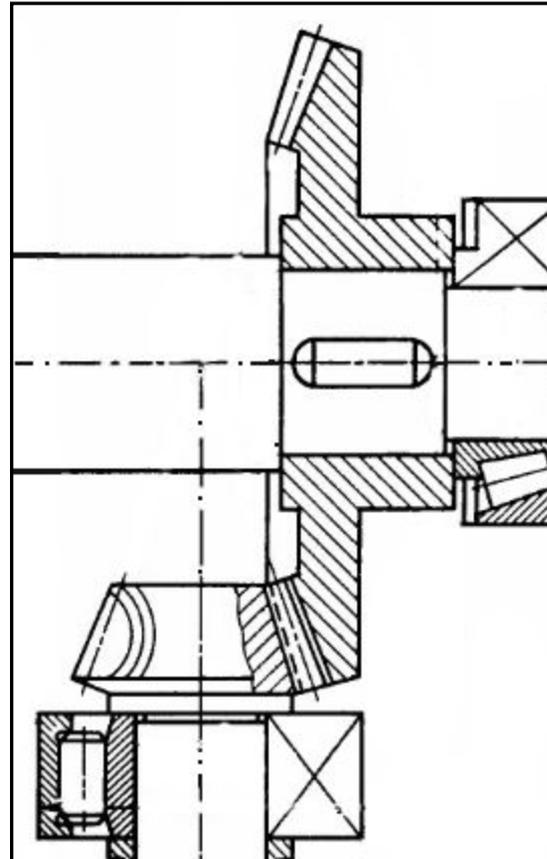
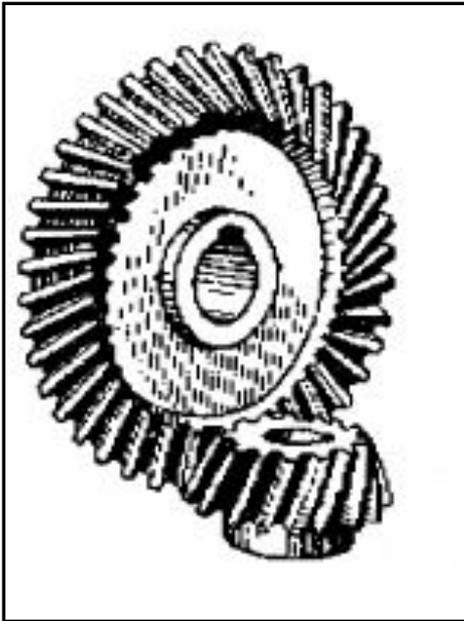


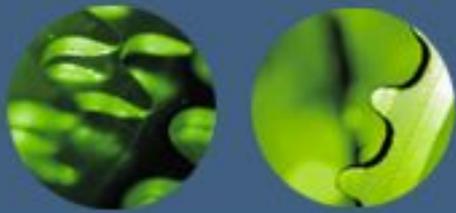
Передача зацеплением (зубчатая цилиндрическая)



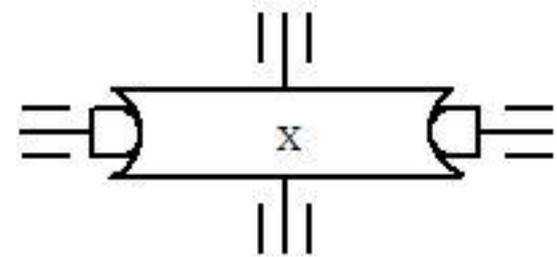
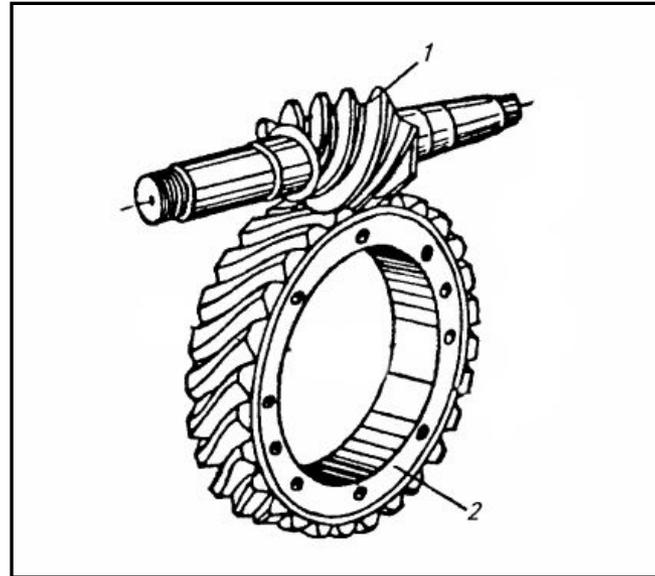
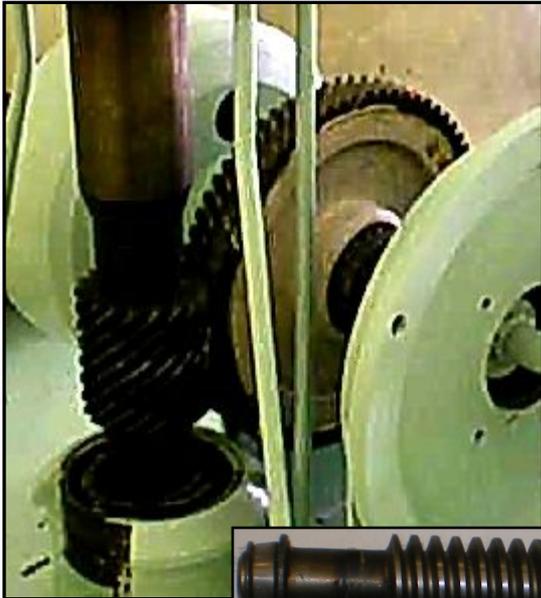


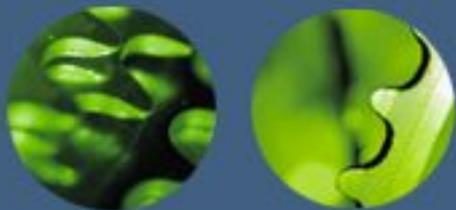
Передача зацеплением (зубчатая коническая)



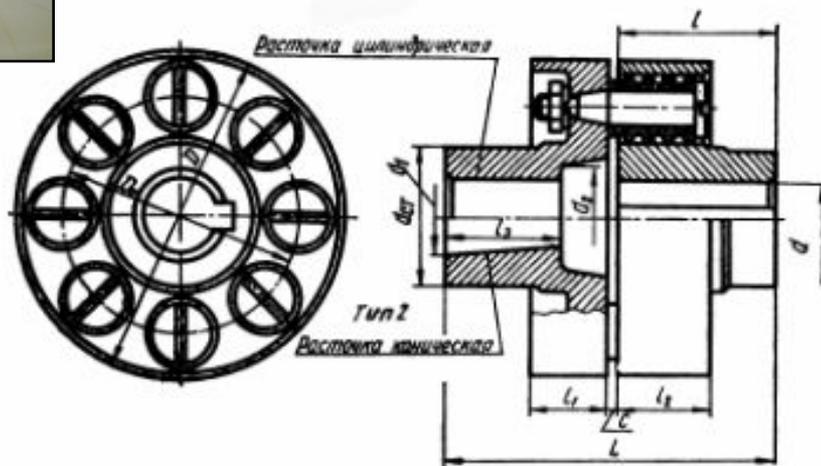
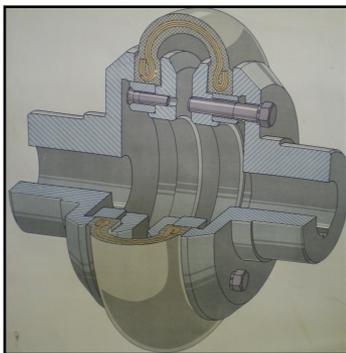


Передача зацеплением (червячная)

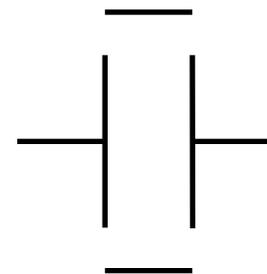




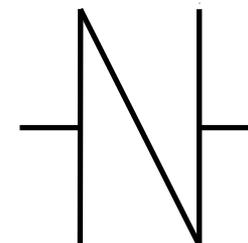
МУФТЫ

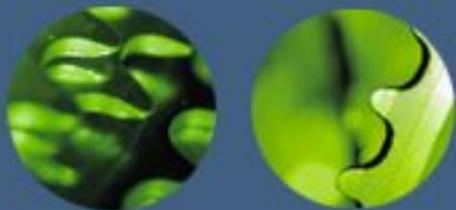


жесткая

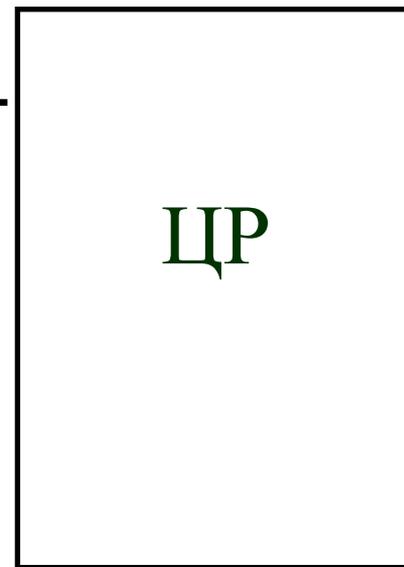
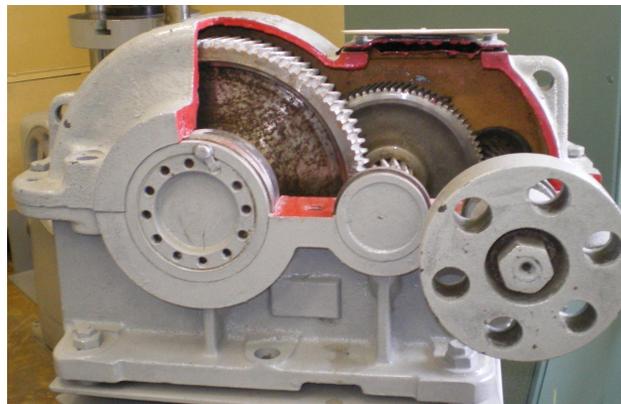
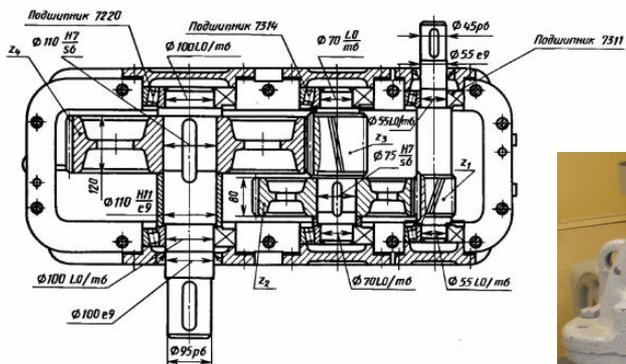
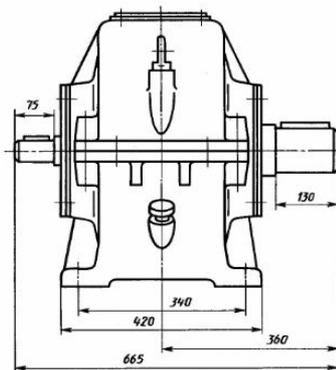
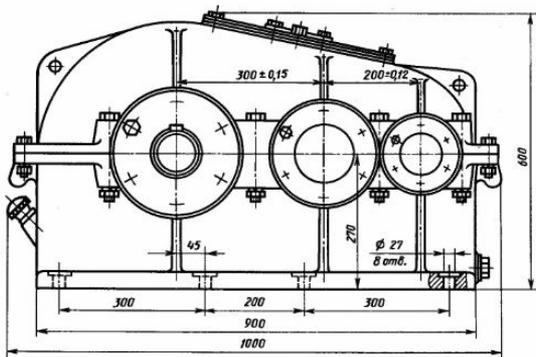


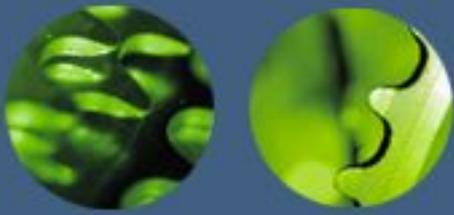
упругая



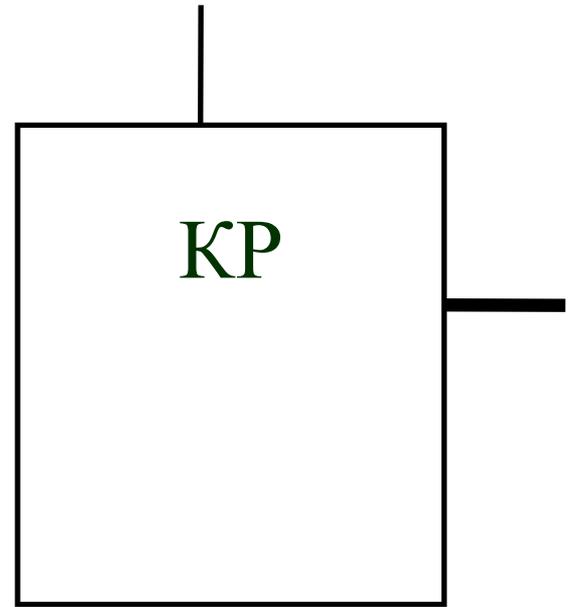
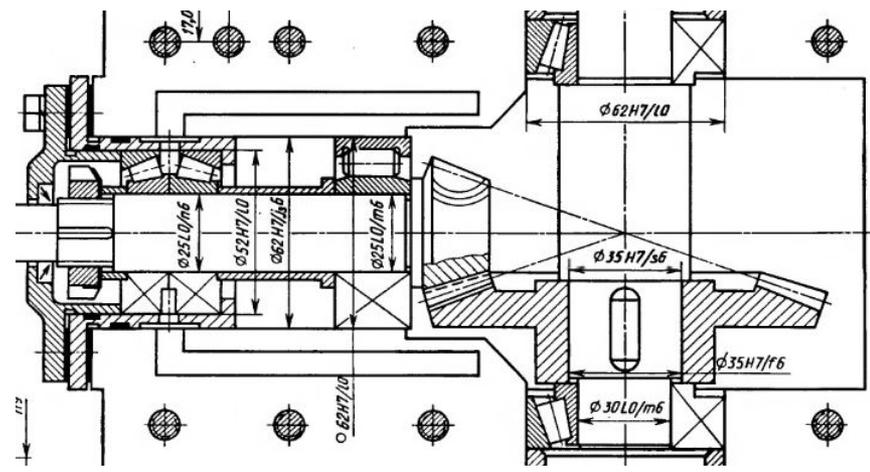
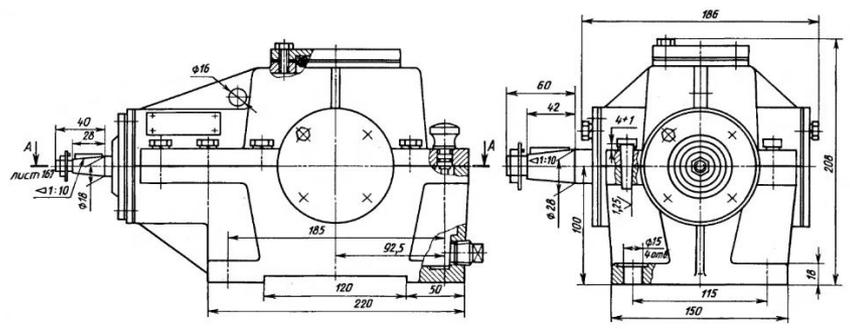


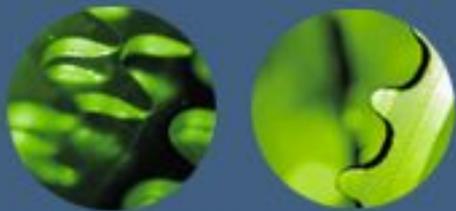
Цилиндрический редуктор



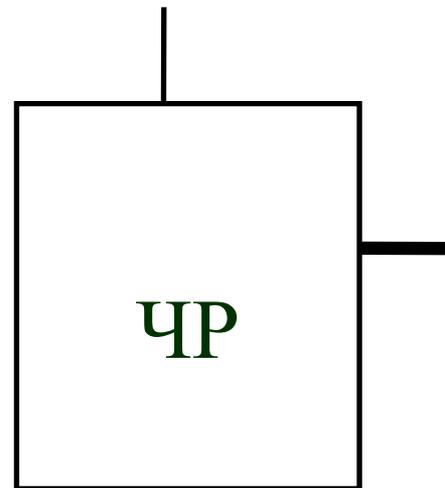
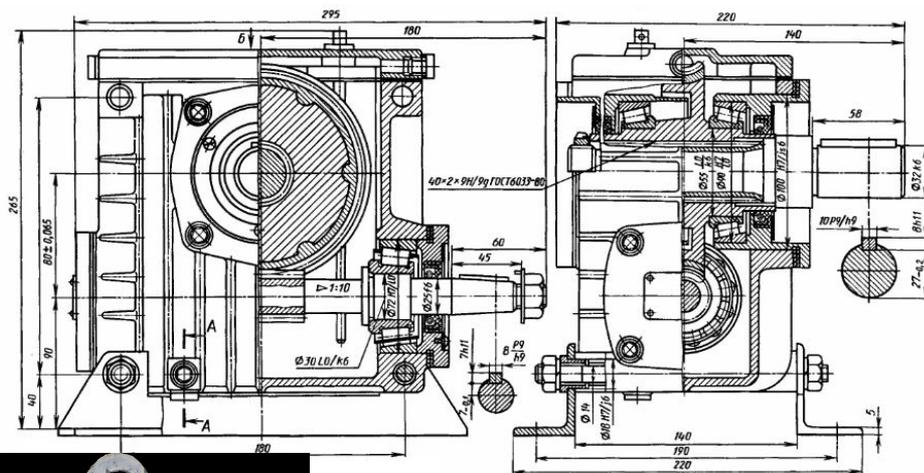


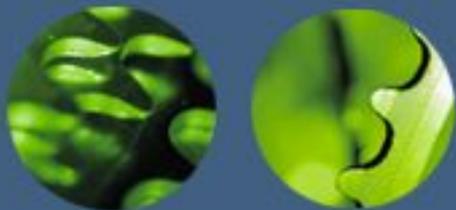
Конический редуктор





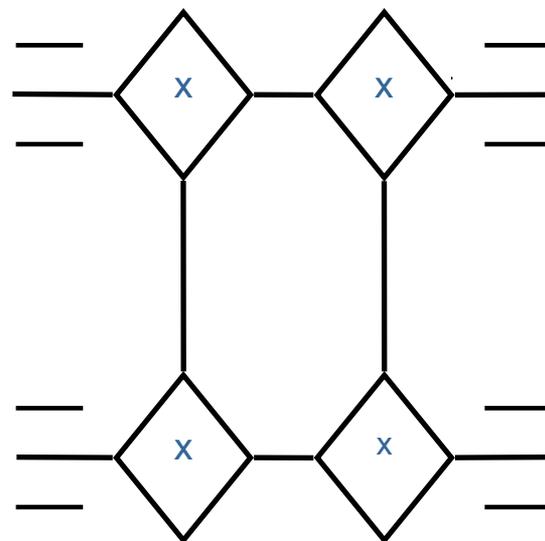
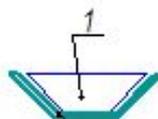
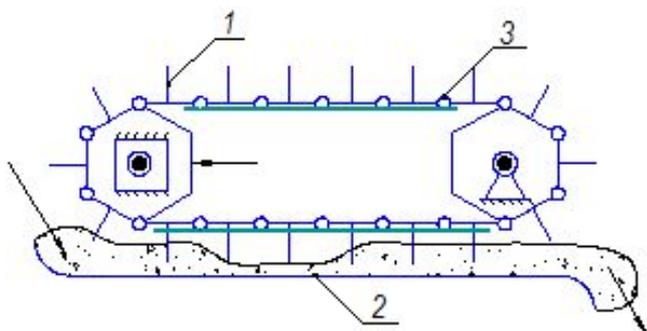
Червячный редуктор



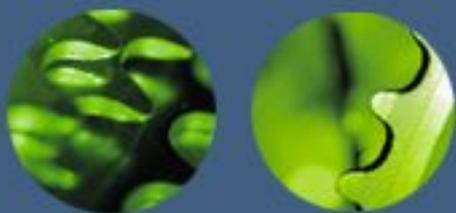


Рабочие органы машин

Цепной транспортер

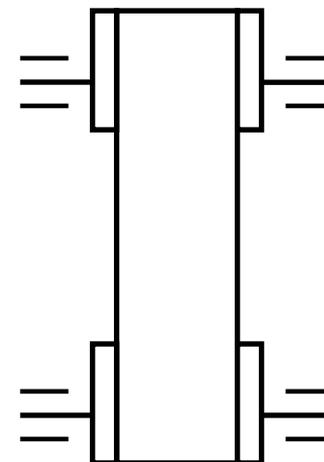
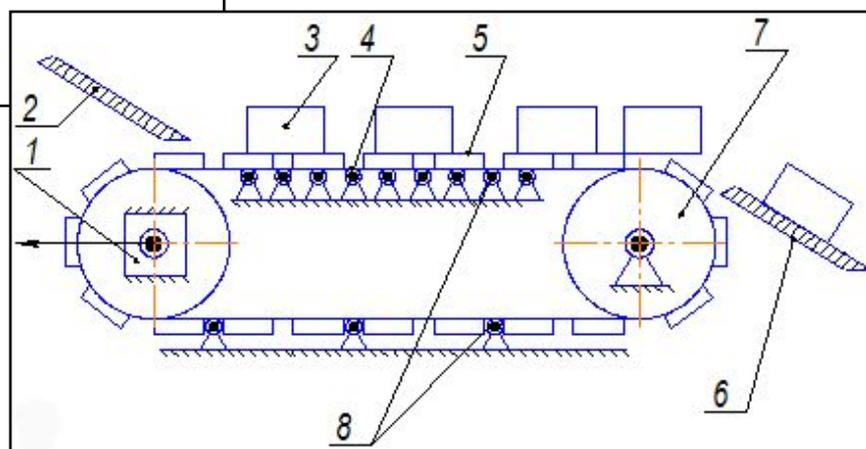


Обозначение на кинематической схеме

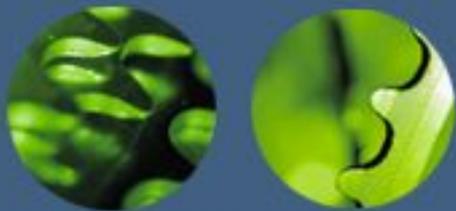


Рабочие органы машин

Ленточный транспортер

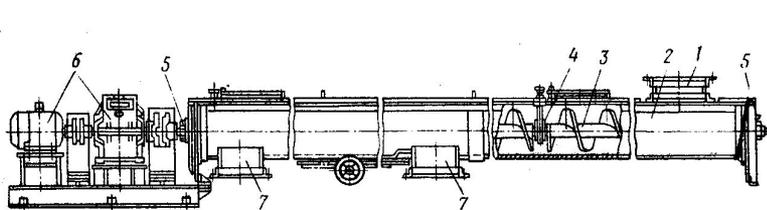


Обозначение на кинематической схеме

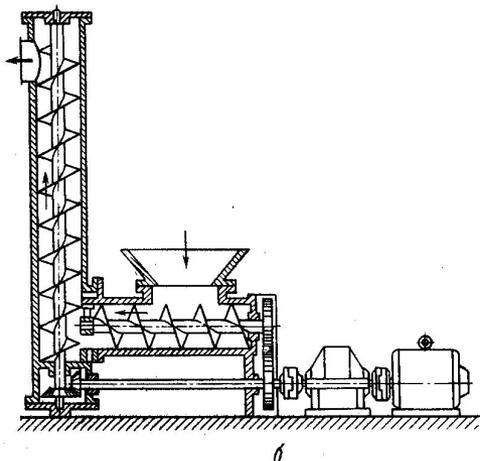


Рабочие органы машин

Винтовой (шнековый) транспортер

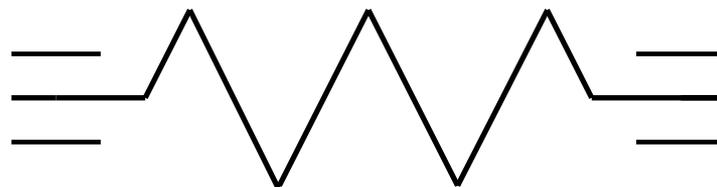
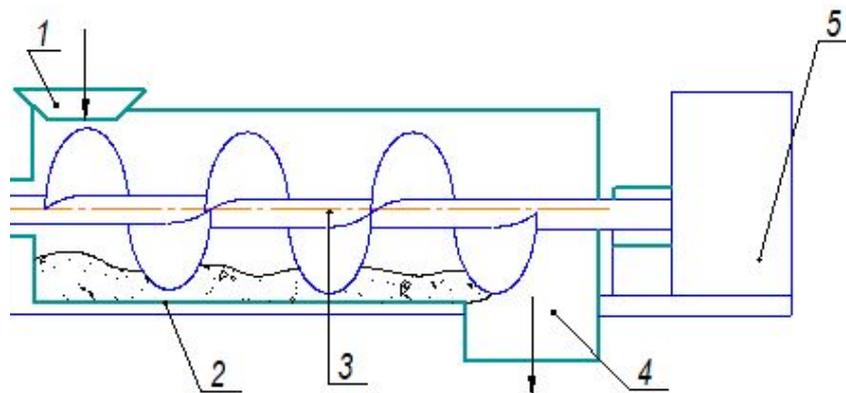


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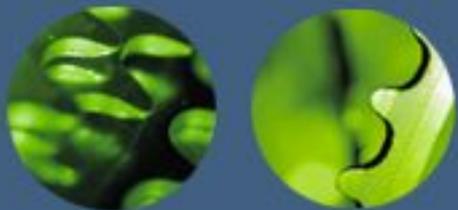


б

а – горизонтальный транспортер
б - вертикальный транспортер

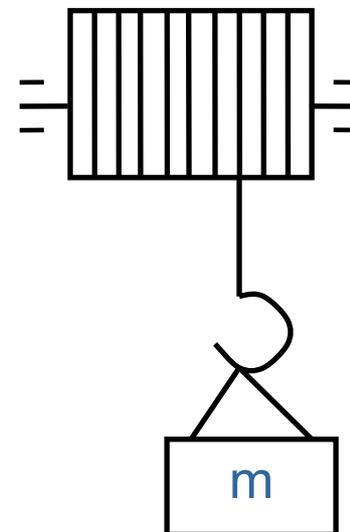
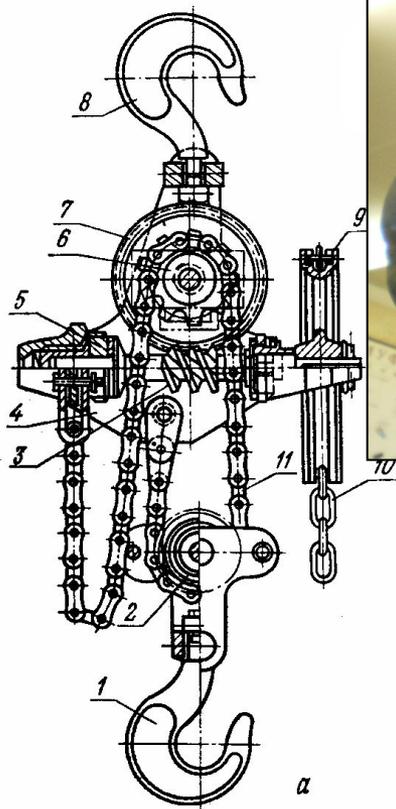
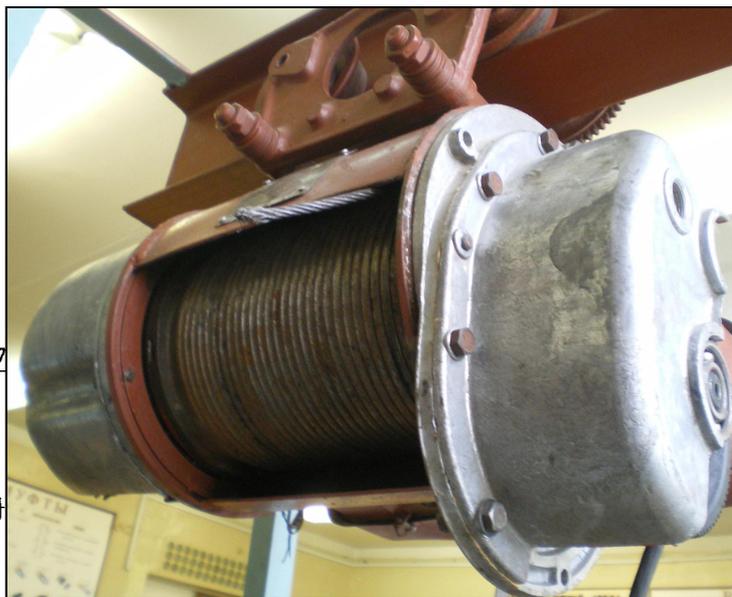


Обозначение на кинематической схеме



Рабочие органы машин

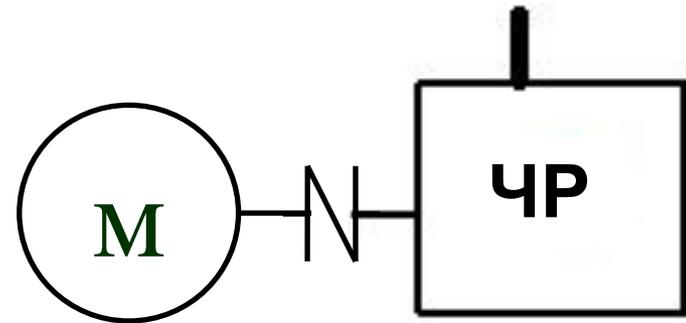
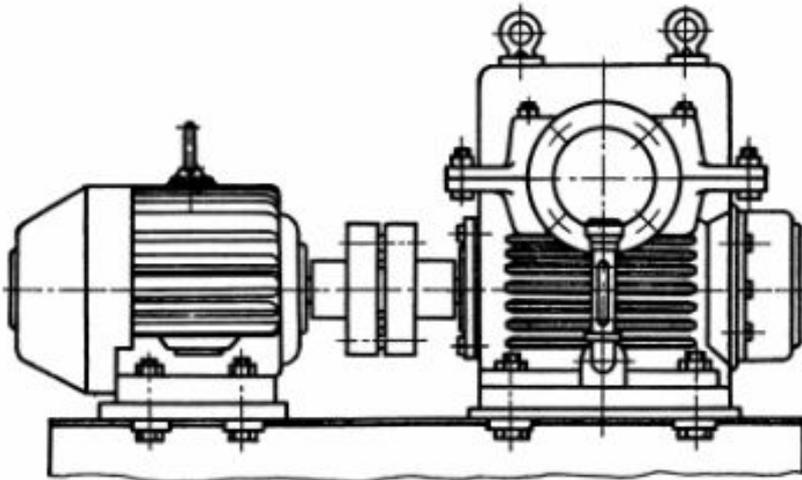
Грузоподъемное устройство (таль)



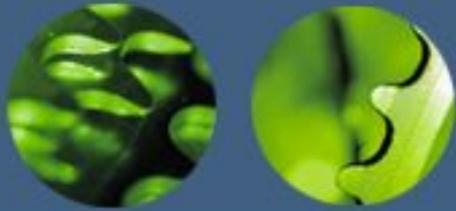
Обозначение на кинематической схеме



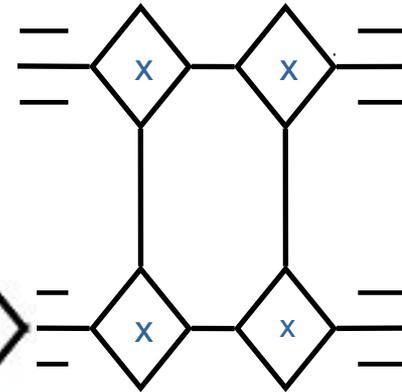
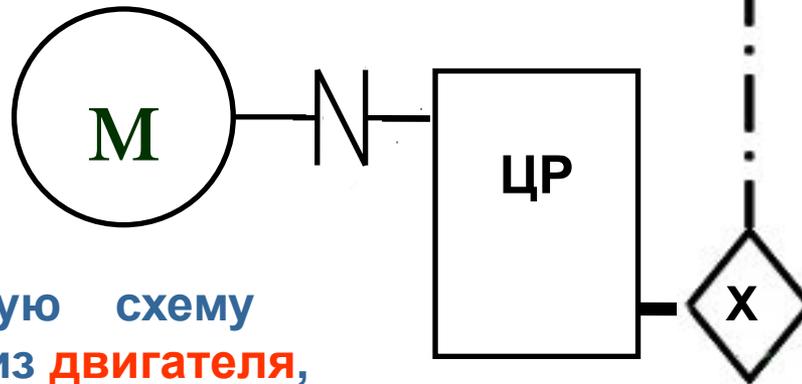
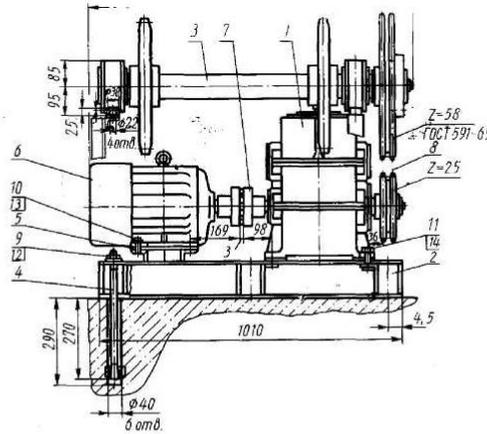
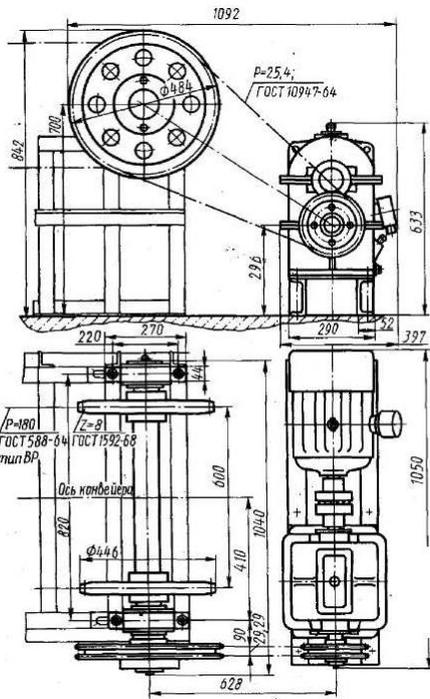
Кинематическая схема привода



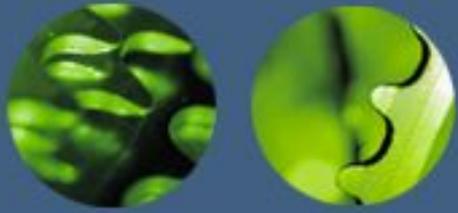
Составить кинематическую схему для привода, состоящего из **электродвигателя**, **упругой муфты** и **червячного редуктора**



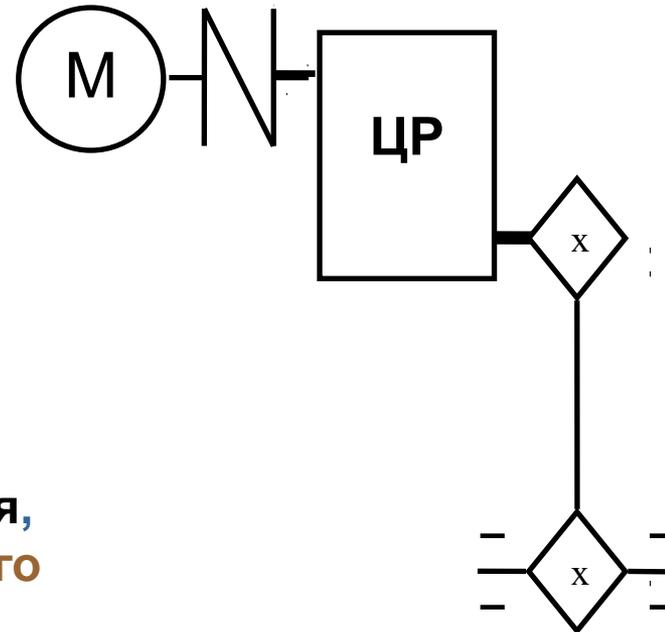
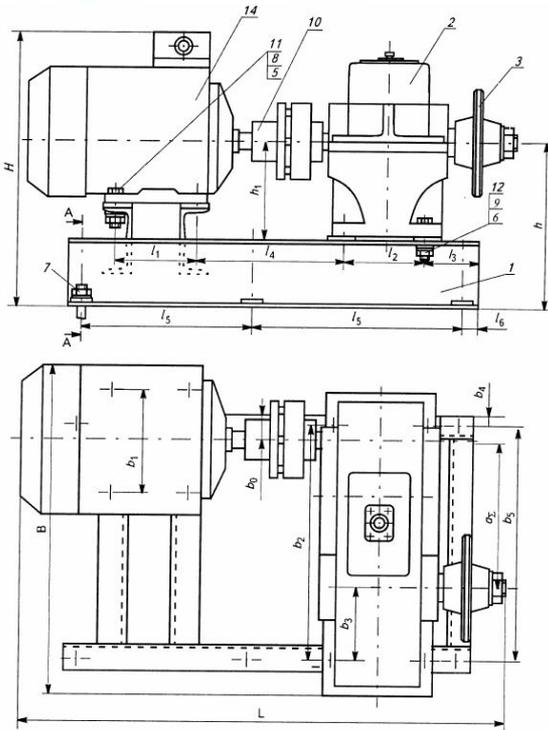
Кинематическая схема привода



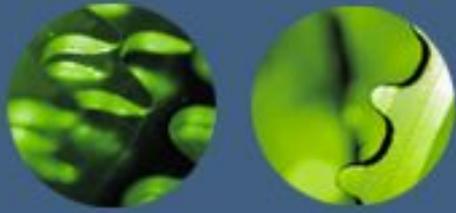
Составить кинематическую схему для привода, состоящего из **двигателя**, **упругой муфты**, **цилиндрического редуктора**, **цепной передачи** и **приводного вала цепного транспортера**



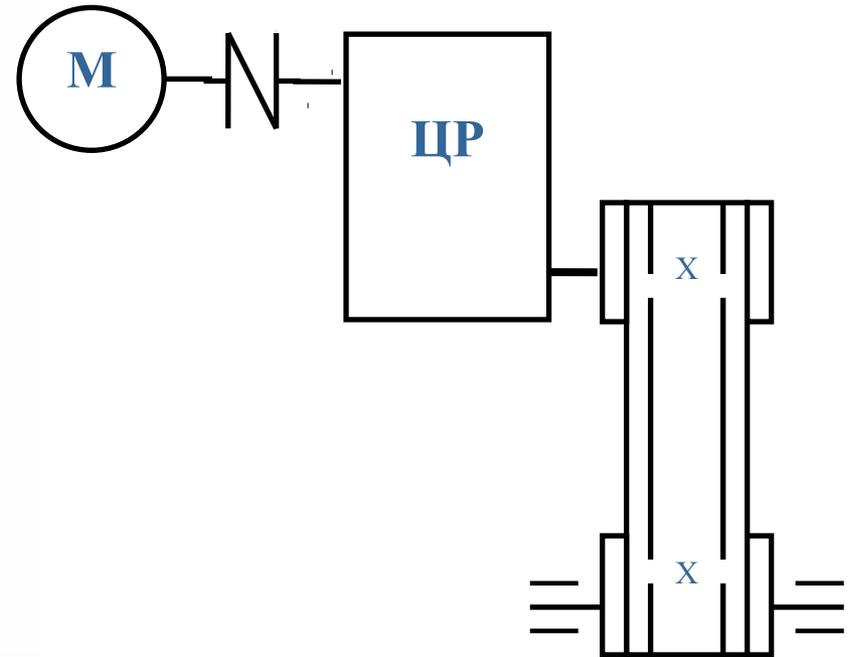
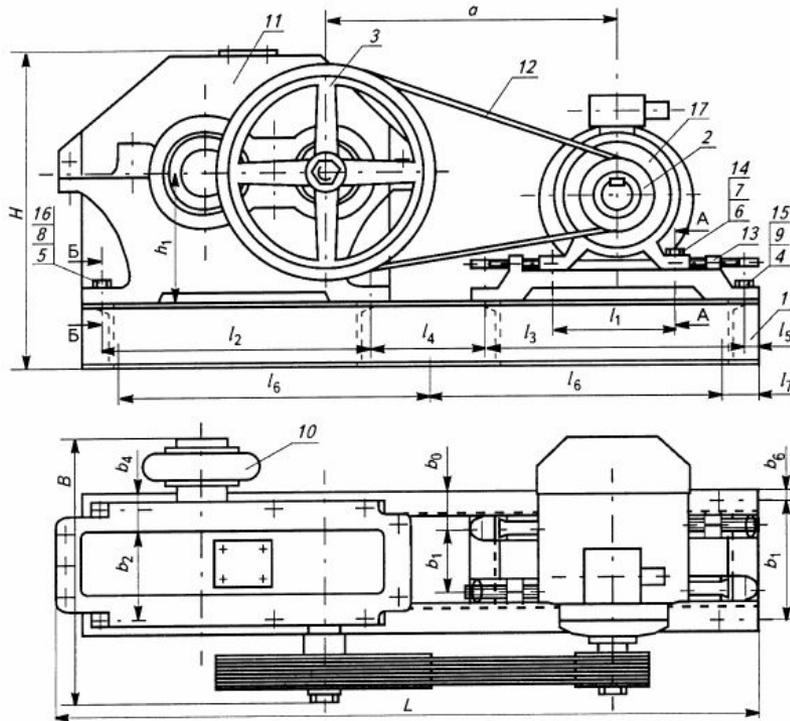
Кинематическая схема привода



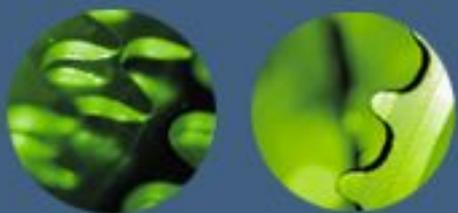
Привод, состоящий из двигателя, упругой муфты, цилиндрического редуктора и цепной передачи



Кинематическая схема привода



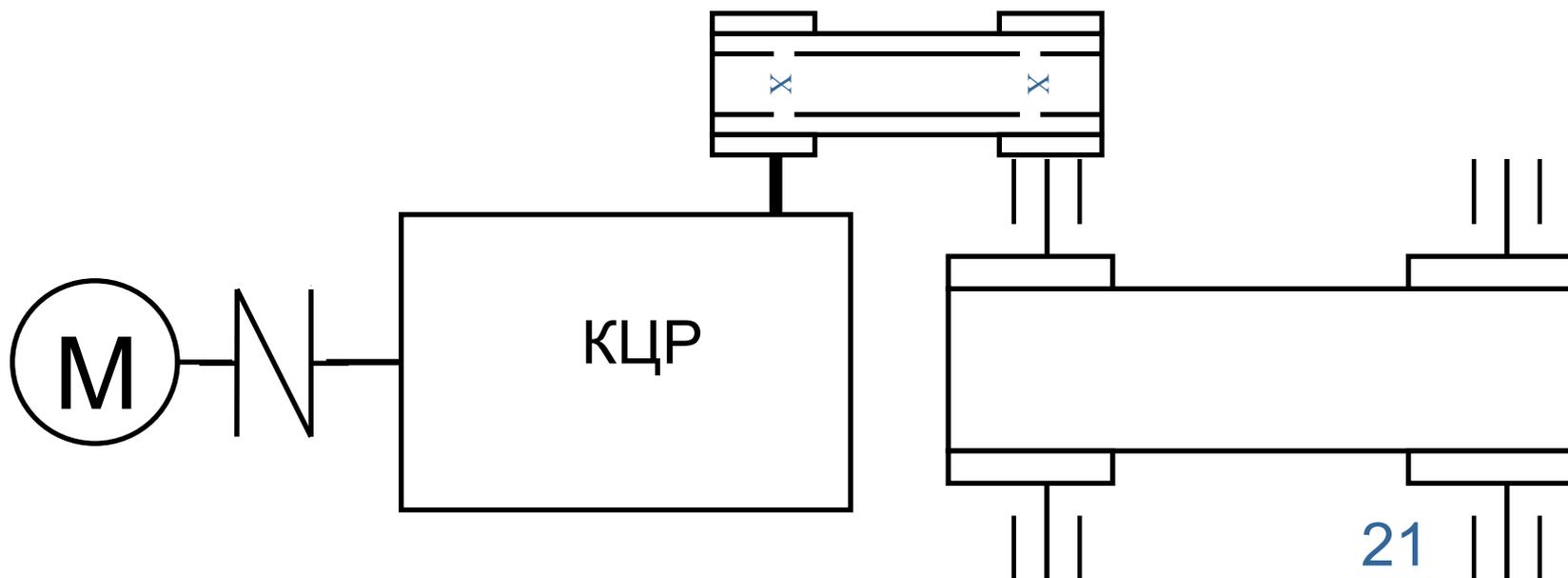
Привод, состоящий из **электродвигателя**, **упругой муфты**, **цилиндрического редуктора** и **клиноременной передачи**

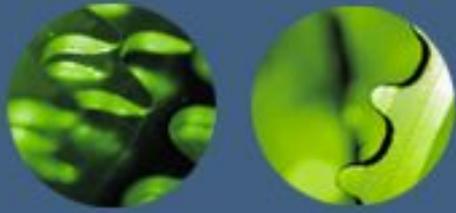


Кинематическая схема привода

Задание:

Составить кинематическую схему привода ленточного транспортера, состоящего из электродвигателя, упругой муфты, коническо-цилиндрического редуктора и клиноременной передачи





Кинематическая схема привода

Задание:

Составить кинематическую схему привода барабана лебедки, состоящего из:

- электродвигателя
- упругой муфты
- червячного редуктора
- цепной передачи

