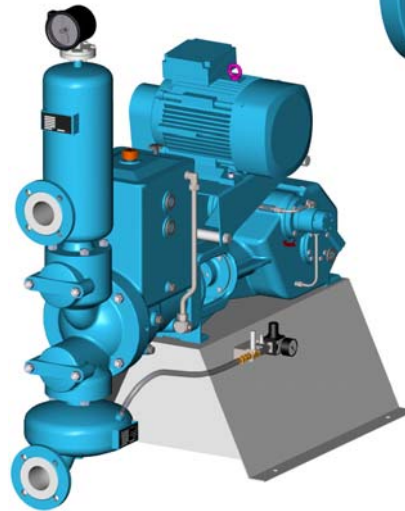
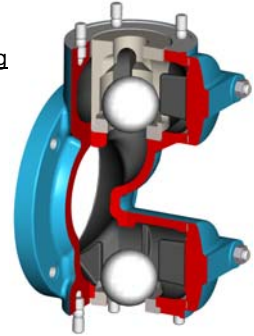


## PISTON DIAPHRAGM PUMPS

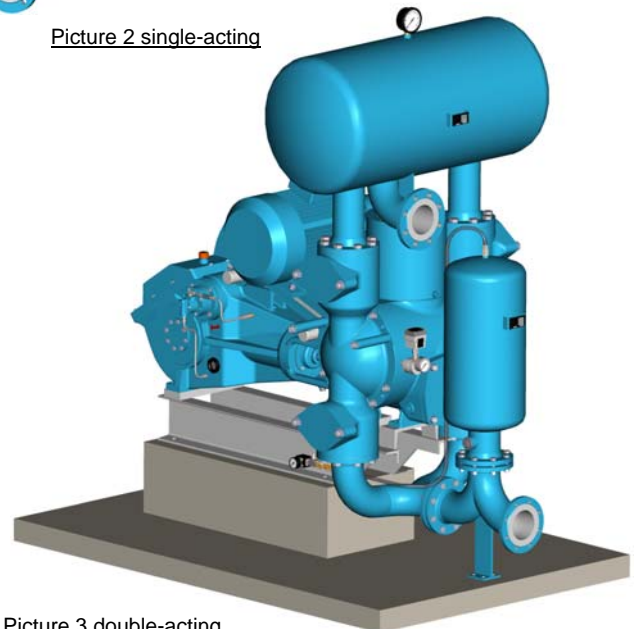
## model "ER"

- ▼ **Materials:**  
Cast-iron  
Cast-iron rubber-lined  
Various stainless steel
- ▼ **Capacities:**  
0,5 ... 65 m<sup>3</sup>/h
- ▼ **Pressure:**  
1,6 MPa (16 bar) as standard design,  
higher pressures acc. project requirements
- ▼ **Temperature of pumped material:**  
Up to 100°C as standard design,  
higher temperatures on demand
- ▼ **Field of application:**  
Pumping of abrasive and aggressive materials. Very gentle pumping of materials sensitive to shear
- ▼ **Remark:**  
The well-tried „ER“-model  
(**E**conomical-**o**ptimized-**R**oller-**D**iaphragm!)  
An especially compact constructed pump, with profitable efficiency.
- ▼ **Constructional features:**
  - Electrically driven modular Piston Diaphragm Pump
  - Pump head made of various metal materials
  - Pulsation dampener for pulsation dampening
  - Double diaphragm
  - Internal adjustment of pressure and quantity in dependence to the discharge pressure
  - Compact diaphragm-valve unit with reduced clearance volume

Picture 1 Valve-diaphragm casing



Picture 2 single-acting



Picture 3 double-acting

[m <sup>3</sup> /h]	0,5	1	1,5	2	2,5	3	4	5	6	8	10	12	15	20	25	30	40	50	65	
	single-acting ER521S									double-acting ER537										
	single-acting ER511S										double-acting ER535									
	single-acting ER501S					double-acting ER528														
	single-acting ER491S						double-acting ER520S													
	double-acting ER510S																			