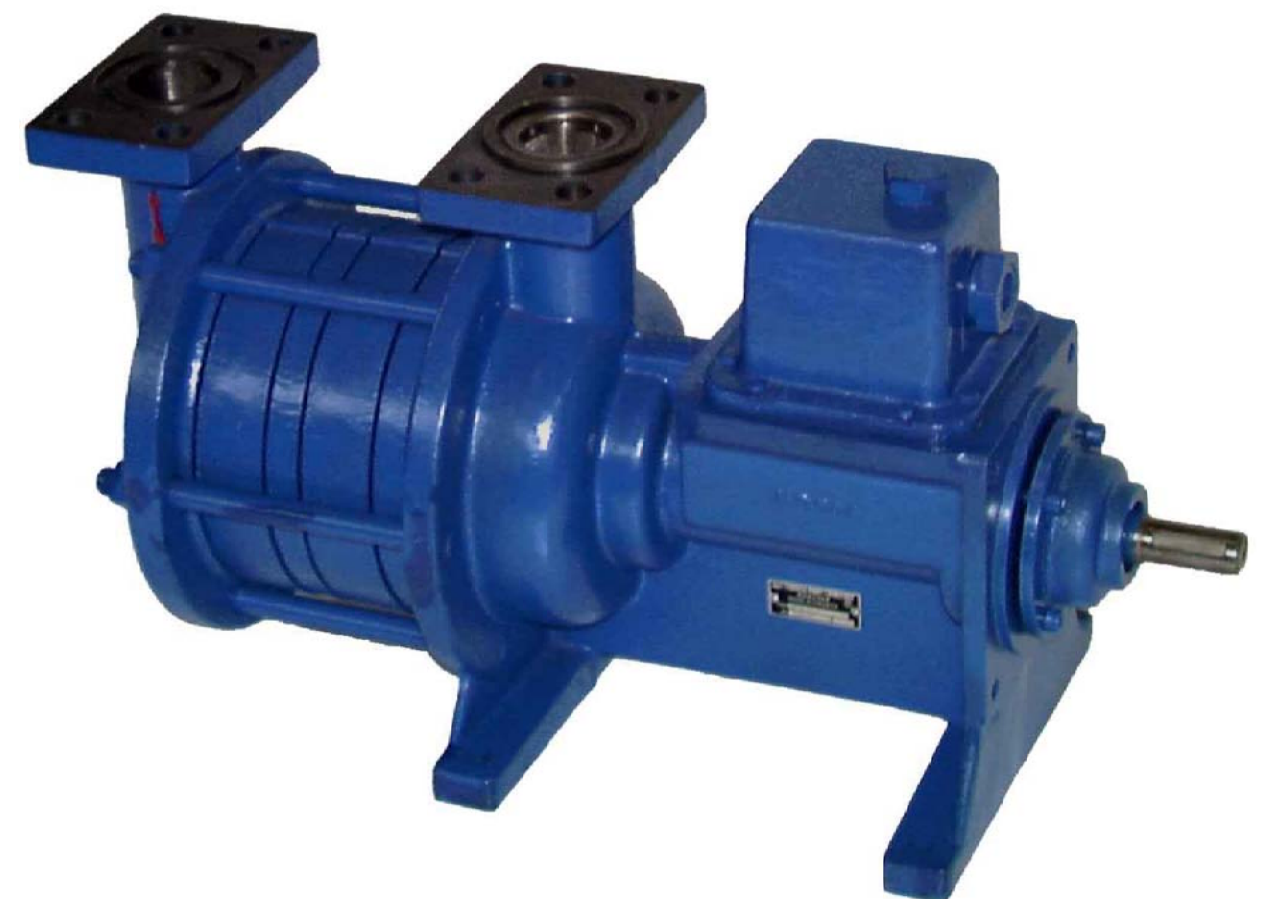


POZ / Pos	NAZIV / Name
01	Tlačni poklopac / Pressure cover
02	Spiralno kućište / Spiral case
03	Brtva / Gasket
04	Rotor / Rotor
05	Klin / Key
06	Kućište rotora / Rotor case
07	Svorni vijak / Bolt
08	Mehanička brtva / Mechanical seal
09	Podloška / Washer
10	Uskočnik / Circlip
11	Poklopac / Cover
12	Imbus vijak / Socket head screw
13	Prsten / Ring
14	Brtva / Gasket
15	Kućište pumpe / Pump case
16	Kuglični ležaj / Ball bearing
17	Prsten / Ring
18	Uskočnik / Circlip
19	Osovina / Shaft
20	Klin / Key
21	Poklopac / Cover
22	Poklopac / Cover
23	Brtva / Gasket

POZ / Pos	NAZIV / Name
24	Imbus vijak / Socket head screw
25	Odzračni priključak / Air release connection
26	Čep / Plug
27	Brtva / Gasket
28	Uljokaz / Oil level indicator
29	Brtva / Gasket
30	Vreteno / Spindle
31	Uložak / Insert
32	Brtva / Gasket
33	Matica / Nut
34	O - prsten / O - ring
35	Točak / Hand wheel
36	Zatik / Pin
37	Podloška / Washer
38	Vijak / Screw
39	Čep / Plug
40	Brtva / Gasket
41	Matica / Nut
42	Prirubnica / Flange
43	Vijak / Screw
44	Matica / Nut
45	Brtva / Gasket
46	Prirubnica / Flange

PUMPE ZA AMONIЈAK
Ammonia pumps



OPIS - MJERNA SKICA

Description - dimension scheme for pumps

Pumpe za amonijak su izvedene kao horizontalne jednostepene ili dvostepene centrifugalne pumpe. Pogon pumpi je elektromotorom preko elastične spojke. Pumpa se isporučuje sa protuprirubicama. Osovina pumpe je uležištena u kugličnim ležajevima, a podmazuju se sa uljem.

KARAKTERISTIKE:

- radna temperatura.....- 45°C do + 50°C;
- tlak u sistemu.....do 10 bar;
- visina dizanja i protok prema dijagramima;
- brtvljenje osovine duplom mehaničkom brtvom, tandem izvedba, barijerni fluid - ulje.

MATERIJAL IZRADE:

- kućište.....SL;
- rotor.....NL;
- osovina.....ugljični čelik.

UGRADNJA PUMPE:

- pumpu postaviti 1 m ispod najnižeg nivoa pumpanog medija;
- u usisni vod ugraditi filter finoće 0.2 do 0.4 mm, zaporni ventil, vakuumetar;
- u tlačni vod ugraditi zaporni ventil, nepovratni ventil, manometar i odzračni čep.

Amonia pumps are designed as horizontal, one or two stage centrifugal pumps. The drive is with electric motor by means of elastic coupling.

Pump is delivered with mounted counter flanges.

The pumps shaft are with two ball bearings which are lubricated with oil.

PUMP CHARACTERISTICS:

- working temperature..... - 45°C to + 50°C;
- system pressure..... up to 10 bar;
- delivery head and capacity acc. to diagram;
- sealing by means of double tandem mechanical seal with oil as barrier fluid.

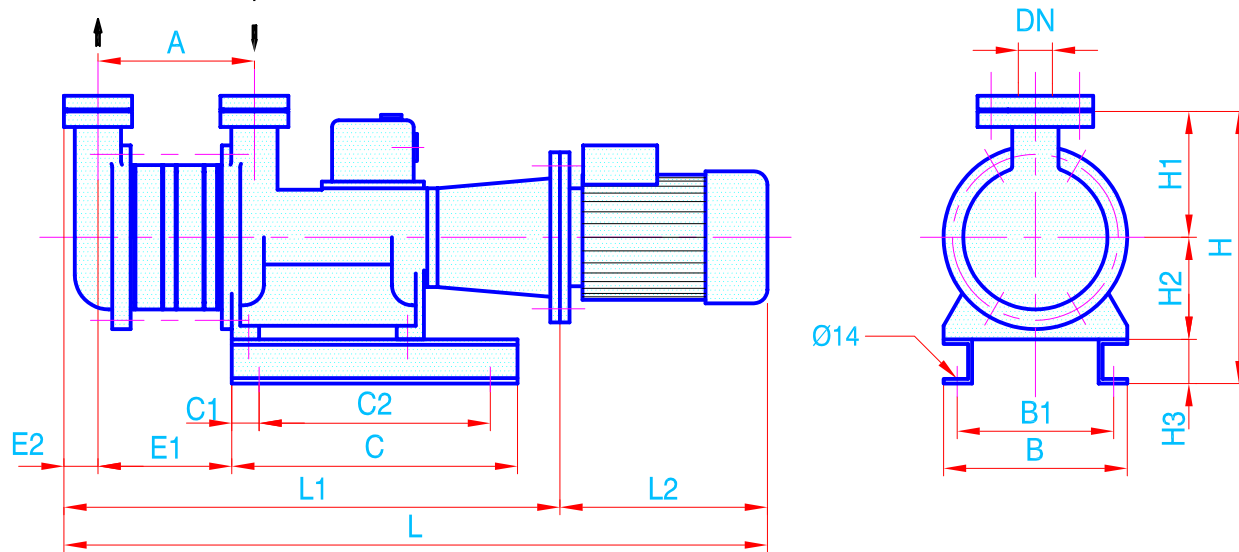
CONSTRUCTIVE MATERIALS:

- pump casing..... gray cast iron;
- rotor.....nodular cast iron;
- shaft..... carbon steel.

PUMP MOUNTING

- pump to be mounted at least 1 m under the minimal level of the working medium;
- suction filter fineness 0.2 to 0.4 mm, shut off valve and vakuummeter to be mounted in suction pipeline;
- shut off valve, non return valve and air plug to be mounted in delivery pipeline.

MJERNA SKICA / Dimension scheme



TIP PUMPE Pump type	VEL. MOTORA Motor size	SNAGA Power kW	BR.OKRET. (o/min.) RPM	DN	A	B	B1	C	C1	C2	E1	E2	H	H1	H2	H3	L	L1	L2
PA 101	80 A-6	0.37	900	40	125	240	200	320	30	260	150	44	345	150	130	65	744	514	230
	80 A-4	0.55	1390														784	554	
PA 102	80 A-6	0.37	900	40	165	240	200	320	30	260	189	44	345	150	130	65	784	554	227
	90 S-4	1.1	1390														781	554	
PA 201	100 L-6	1.5	910	50	168	270	230	420	40	340	179	50	408	185	158	65	952	647	305
	100 LB-4	3.0	1400														952	647	
PA 202	100 L-6	1.5	910	50	230	270	230	420	40	340	241	50	408	185	158	65	1034	729	397
	132 S-4	5.5	1430														1126	729	

RADNI DIJAGRAMI

Working diagrams

