

Pumps NRA are designed for **pumping and transport of all common sorts of paper stocks with consistency up to 6 %**. Design of their hydraulic part, with a closed impeller, enables to pump stocks with high efficiency and reliability in service. According to a pump size their flow rates are ranging from 150 to 8 500 l/min at a delivery head from 7 to 77 m.

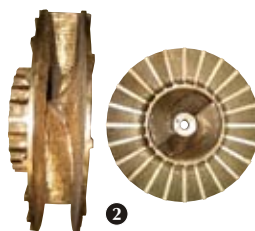
Main parts →

- volute-type working pump casing (1)
- impeller (2)
- shaft bedded in bearings of beam-pumping unit (3)
- clutch with guard (4)
- base frame, common for pump and electric motor (5)
- electric motor (6)

Material →

Working parts of pumps (casing, cover) are casted from stainless chrome steel (DIN 1.4027), impellers are casted from bronze, other parts of pumps are made of structural steel and grey cast iron.

Design and work safety are in compliance with EU standards.



- easy installation and assembly of pumping set comprising pump and electric motor
- simple routine maintenance

Advantages



Note: in the second half-year 2006 we are going to introduce pumps of a quite new family that should successively replace the currently used NRA family.

TECHNICAL PARAMETERS

Pump type	DN1 (mm)	DN2 (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H1 (mm)	H2 (mm)	K (mm)	L (mm)	Weight without el. motor (kg)
80-NRA-280	100	80	1540	515	555	260	800	400	18	315	205	200	155	153
80-NRA-350	125	80	1635	655	690	270	850	600	23	350	245	200	190	188
100-NRA-350	150	100	1755	660	700	300	850	600	23	350	245	200	190	210
200-NRA-350	300	200	2045	785	725	310	1000	600	23	370	300	250	275	318
200-NRA-440	250	200	2485	856	865	405	1450	730	27	450	375	250	250	649

