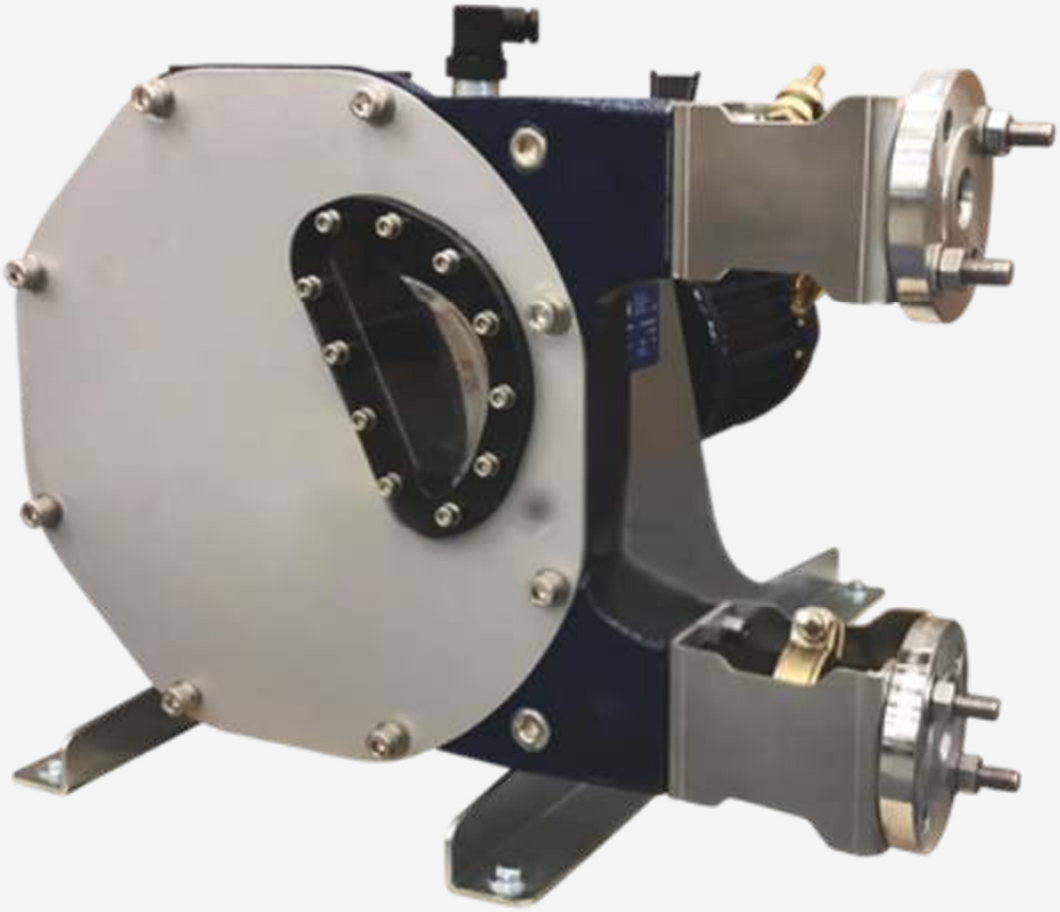
NAYARA
Peristaltic Pump

NAYARA® Hose Pumps

Tough on Duty, Gentle on Flow



AlphaDynamic
PUMPS

We Make The Difference

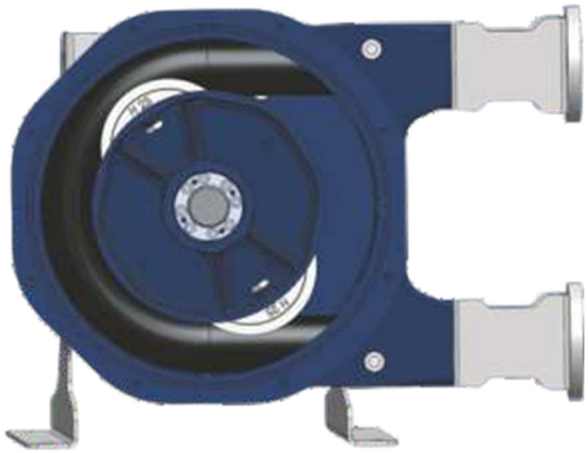
www.alphadynamic.eu

Introducing the NAYARA® Hose Pumps

A breakthrough solution for abrasive, corrosive and particle-laden viscous liquids

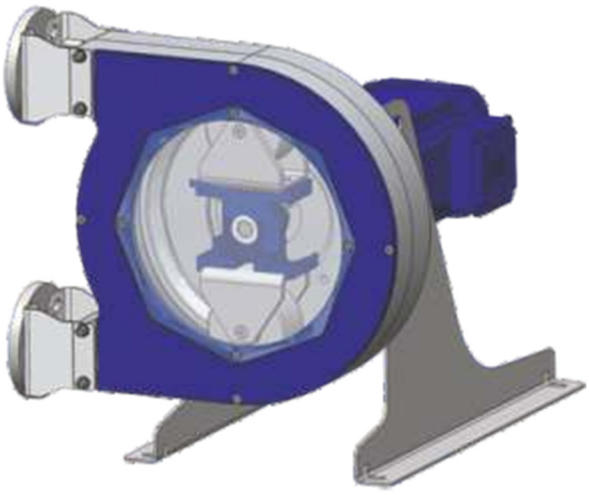
NAYARA ADPV Series - High pressure (up to 15 bar)

- Shoe Technology
- Capacity 0 - 90 m^3/h
- Ductile Cast iron Housing Material
- Excellent Performance with abrasive and corrosive liquids
- Able to pump large solids
- Extremely high suction capabilities
- Unlimited dry running
- Full Dosing control
- Robust Construction
- Low shear and reversible operation
- FDA hoses available
- Suitable for continuous operation



NAYARA ADPN Series - Low pressure (up to 4 bar)

- Roller Technology
- Capacity 0 - 10 m^3/h
- Aluminum Housing Material
- Able to pump large solids
- Extremely high suction capabilities
- Unlimited dry running
- Full dosing control
- Low shear and reversible operation
- FDA hoses available
- Suitable for intermittent operation

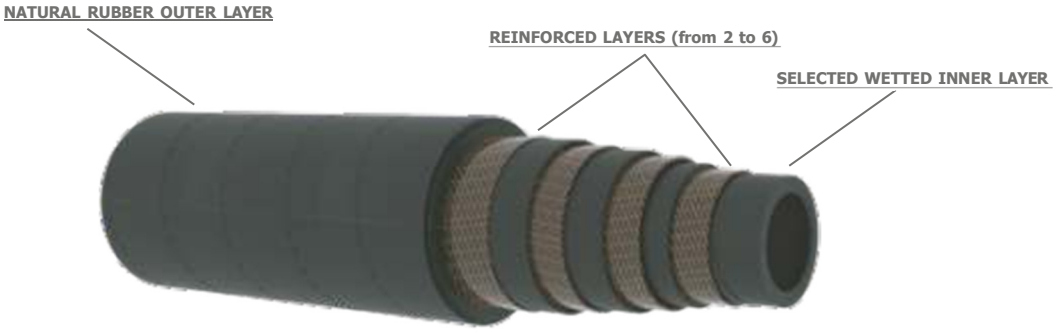


Advanced hose design technology

The hose is the critical core of a hose pump, essential for ensuring high performance, exceptional durability and optimal efficiency.

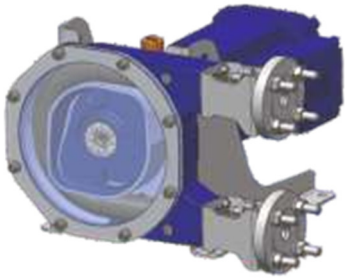
Our meticulously enginnered hoses, designed with strict parameters for low stress and perfect compression, deliver consistent flow rates largely unaffected by varying operating conditions.

Constructed from multiple rubber layers reinforced with nylon cords, the hose features an inner layer available in various rubber compounds, while the outer layer is made of natural rubber.



Available Hose Materials: NR, NBR, EPDM, VITON

Shoe Technology Models:

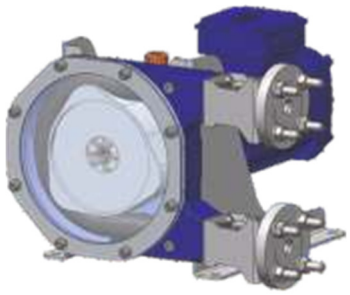


Specifications:

- Max. Discharge Pressure: 10 Bar
- Maximum Self priming: 0.9 Bar
- Suitable for: Continuous Operation

Pump Model	Motor Power kw	Gear Ratio	Rpm	flowrate
ADPV 5	0.25	1:135	10	4.4 L/h
		1:45	30	13.3 L/h
ADPV 10	0.25 0.37 0.55	1:135	10	12 L/h
		1:69	20	24 L/h
		1:48	29	35 L/h
		1:35	40	48 L/h
ADPV 15	0.25 0.37 0.55	1:135	10	36 L/h
		1:69	20	71 L/h
		1:48	29	101 L/h
		1:35	40	140 L/h
ADPV 20	0.25 0.37 0.55	1:135	10	57 L/h
		1:69	20	110 L/h
		1:48	29	158 L/h
		1:35	40	218 L/h
ADPV 25	1.1 1.5 2.2	1:70	20	270 L/h
		1:46	30	410 L/h
		1:32	43	580 L/h
		1:28	50	670 L/h

Shoe Technology Models:



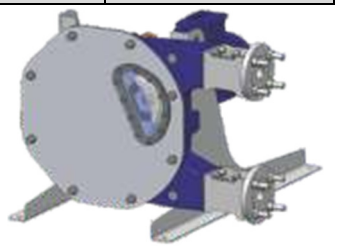
Specifications:

- Max. Discharge Pressure: 10 Bar, Model 25-3 15 Bar
- Maximum Self priming: 0.9 Bar
- Suitable for: Continuous Operation
- For Dosing Applications

Pump Model	Motor Power kw	Gear Ratio	Rpm	flowrate
ADPV 5-3	0.25	1:135	10	4.4 L/h
		1:45	30	13.3 L/h
ADPV 10-3	0.25 0.37 0.55	1:135	10	12 L/h
		1:69	20	24 L/h
		1:48	29	35 L/h
		1:35	40	48 L/h
ADPV 15-3	0.25 0.37 0.55	1:135	10	36 L/h
		1:69	20	71 L/h
		1:48	29	101 L/h
		1:35	40	140 L/h
ADPV 20-3	0.25 0.37 0.55	1:135	10	57 L/h
		1:69	20	110 L/h
		1:48	29	158 L/h
		1:35	40	218 L/h
ADPV 25-3	1.1 1.5 2.2	1:70	20	270 L/h
		1:46	30	410 L/h
		1:32	43	580 L/h
		1:28	50	670 L/h

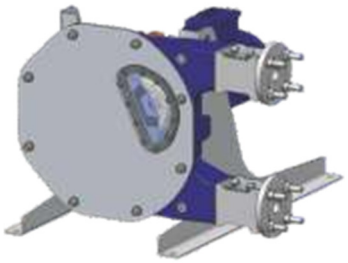
Specifications:

- Max. Discharge Pressure: 15 Bar
- Maximum Self priming: 0.9 Bar
- Suitable for: Continuous Operation



Pump Model	Motor Power kw	Gear Ratio	Rpm	flowrate
ADPV 32	1.1 1.5 2.2	1:121	12	0.46 m^3/h
		1:66	21	0.81 m^3/h
		1:46	31	1.16 m^3/h
		1:33	42	1.59 m^3/h
ADPV 40	1.1 1.5 2.2	1:121	12	0.70 m^3/h
		1:66	21	1.25 m^3/h
		1:46	31	1.79 m^3/h
		1:33	42	2.45 m^3/h
ADPV 40L	2.2 3.0 4.0	1:77	10	1.52 m^3/h
		1:46	20	2.56 m^3/h
		1:34	29	3.36 m^3/h
		1:29	40	4.0 m^3/h

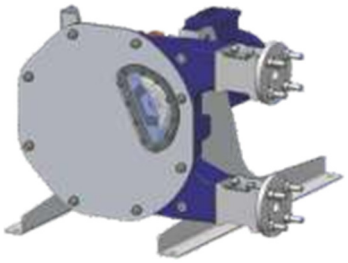
Shoe Technology Models:



Specifications:

- Max. Discharge Pressure: 15 Bar
- Maximum Self priming: 0.9 Bar
- Suitable for: Continuous Operation

Pump Model	Motor Power kw	Gear Ratio	Rpm	flowrate
ADPV 50	4.0 5.5 7.5	1:141	10	1.8 m^3/h
		1:72	20	3.4 m^3/h
		1:45	30	5.3 m^3/h
		1:36	40	7.0 m^3/h
ADPV 65	4.0 5.5 7.5	1:141	10	2.3 m^3/h
		1:72	20	4.6 m^3/h
		1:45	30	6.9 m^3/h
		1:36	40	9.2 m^3/h
ADPV 80S	11 15	1:152	10	5.5 m^3/h
		1:72	20	11 m^3/h
		1:60	29	16.5 m^3/h



Specifications:

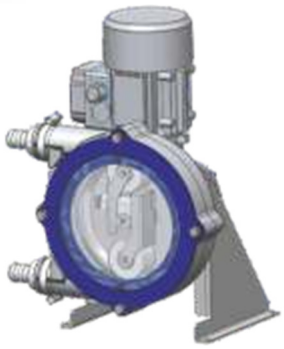
- Max. Discharge Pressure: 15 Bar
- Maximum Self priming: 0.9 Bar
- Suitable for: Continuous Operation

Pump Model	Motor Power kw	Gear Ratio	Rpm	flowrate
ADPV 80	11.0 15.0 18.5	1:152	10	7 m^3/h
		1:72	20	14 m^3/h
		1:60	30	21 m^3/h
ADPV100	11.0 15.0 18.5	1:152	10	12 m^3/h
		1:72	20	24 m^3/h
		1:60	30	36 m^3/h
ADPV125	22.0 30.0 37.0	1:292	5	11 m^3/h
		1:146	10	22 m^3/h
		1:72	20	44 m^3/h

Roller Technology Models:

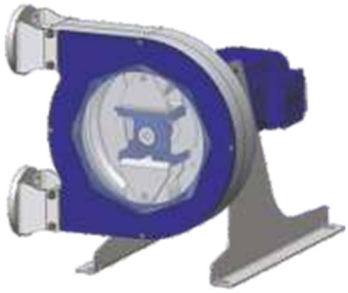
Specifications:

- Max. Discharge Pressure: 4 Bar
- Maximum Self priming: 0.8 Bar
- Suitable for: Intermittent Operation



Pump Model	Motor Power kw	Gear Ratio	Rpm	flowrate
ADPN 2	0.18	1:100	15	15 L/h
		1:60	24	24 L/h
		1:40	36	35 L/h
		1:30	48	48 L/h
		1:20	73	73 L/h
ADPN 3	0.18	1:100	15	38 L/h
		1:60	24	60 L/h
		1:40	36	90 L/h
		1:30	48	120 L/h
		1:20	48	183 L/h
ADPN 4	0.18 0.25 0.37	1:100	15	98 L/h
		1:60	24	156 L/h
		1:46	32	208 L/h
		1:35	41	267 L/h
		1:20	73	475 L/h

Roller Technology Models:



Specifications:

- Max. Discharge Pressure: 4 Bar
- Maximum Self priming: 0.8 Bar
- Suitable for: Intermittent Operation

Pump Model	Motor Power kw	Gear Ratio	Rpm	flowrate
ADPN 5	0.55	1:86	16	309 L/h
		1:50	25	500 L/h
		1:45	32	618 L/h
		1:37	39	753 L/h
		1:29	50	965 L/h
		1:25	59	1139 L/h
ADPN 6	1.5	1:69	21	874 L/h
		1:58	24	1000 L/h
		1:48	30	1250 L/h
		1:39	36	1500 L/h
		1:35	41	1705 L/h
		1:31	45	1870 L/h
		1:27	54	2250 L/h
ADPN 7	2.2	1:77	19	2630 L/h
		1:58	24	3330 L/h
		1:46	32	4440 L/h
		1:39	36	4995 L/h
		1:32	44	6105 L/h

AlphaDynamic PUMPS

We Make The Difference

NAYARA Peristaltic Pump



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