

# ELRO Peristaltic Pumps Type IP 600

## Recommended motor size and torque

	0-2 bar	>2-4 bar	>4-6 bar	>6-8 bar	>8-10 bar	>10-12 bar	13 bar
<b>10 RPM</b>	2,2 kW 440 Nm	2,2 kW 610 Nm	2,2 kW 840 Nm	2,2 kW 1080 Nm	3,0 kW 1320 Nm	4,0 kW 1550 Nm	5,5 kW 1620 Nm
<b>20 RPM</b>	1,5 kW 405 Nm	1,5 kW 600 Nm	2,2 kW 825 Nm	2,2 kW 1060 Nm	3,0 kW 1300 Nm	4,0 kW 1520 Nm	5,5 kW 1600 Nm
<b>30 RPM</b>	3,0 kW 385 Nm	3,0 kW 580 Nm	3,0 kW 740 Nm	4,0 kW 960 Nm	4,0 kW 1140 Nm	5,5 kW 1370 Nm	7,5 kW 1580 Nm
<b>40 RPM</b>	3,0 kW 360 Nm	3,0 kW 560 Nm	4,0 kW 735 Nm	4,0 kW 930 Nm	5,5 kW 1130 Nm	7,5 kW 1330 Nm	7,5 kW 1550 Nm
<b>50 RPM</b>	3,0 kW 355 Nm	3,0 kW 540 Nm	4,0 kW 730 Nm	5,5 kW 910 Nm	7,5 kW 1090 Nm	7,5 kW 1280 Nm	9,2 kW 1530 Nm
<b>60 RPM</b>	3,0 kW 350 Nm	4,0 kW 510 Nm	5,5 kW 680 Nm	7,5 kW 880 Nm	7,5 kW 1040 Nm	9,2 kW 1260 Nm	11,0 kW 1480 Nm
Continuous use 24 hr		Intermittent use Max 12 hr			Short time use max 4 hr		

All data are based on pumping water at a temperature of 20° C.

## Rotor diameter

Pressure	Diameter*
0 - 2 bar	543 mm
>2 - 4 bar	543 mm
>4 - 6 bar	544 mm
>6 - 8 bar	547 mm
>8 - 10 bar	551 mm
>10 - 13 bar	552 mm

\* Also for full layer hoses

## Hose materials available

Standard	Full layer
Butyl (IIR)	
EPDM (EPDM)	
Hypalon (CSM)	
Natural rubber: ▪ techn. ▪ food approved (NR)	Natural rubber
Nitrile (NBR)	
Nitrile electr. conductive (NBR E)	

## Hose dimension

$\varnothing_i$ i = 60 mm	$\varnothing_i$ a = 90 mm	Länge = 1580 mm
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## Lubricant capacities

Pump speed	Öil capacity
0 - 30 RPM	20 Liter
30 - 45 RPM	17 Liter
45 - 60 RPM	15 Liter

## Recommended lubricants

Silikonöl AK 350	Wacker Chemie, Burghausen
Glyzerin DAB 10 / 99,5%	Chemie Vertrieb Brenntag, Hannover

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