

# NEMO® BT Immersible Pumps

## WITH SUSPENSION BRACKET

NEMO® Immersible Pumps are used to empty barrels, containers, tanks, sedimentation tanks, pits etc. and where space is restricted, where there is a risk of cavitation or where there is very low NPSHa. These pumps are also used to empty containers holding materials that are hazardous to water or the environment for which standard emptying via a flange on the bottom of the container is not permitted. These pumps are a great choice for products with a very high viscosity as there is no need for a suction pipeline. The conveying elements (rotor and stator) are fully immersed in the product.

### Features

- Suspension bracket for crane suspension
- Immersion depth up to 15 ft / 5 m
- Various designs/ immersion variations are available, three standard lengths per pump size (A, B, C); special designs up to 33 ft / 10 m
- Immersion depth is adjusted as needed, per application
- Compact design with directly flanged drive
- Four rotor/stator geometries for optimum performance
- Immersion depth up to 33 ft/ 10 m - tube can be modified by extending the pump housing by adding suction pipe or in combination of the two
- Optional quick disconnect above the discharge port to pull the entire housing /stator/ suction for easy cleaning anytime

### Your benefits

- Capacity up to 616 gpm / 140 m<sup>3</sup>/h
- Pressures up to 360 psi / 24 bar
- Immersion depth is adjusted per individual application

### Main applications

- To empty open barrels, tanks, containers, pits, etc.

### Additional information

NEMO® PCP Brochure 305

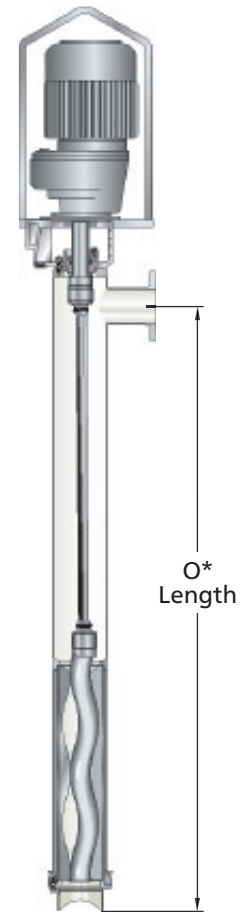


NEMO® BT Immersible Pump with suspension bracket

## NEMO® BT Immersible Pump with Suspension Bracket

Flow rates up to 500 gpm / 115 m<sup>3</sup>/h at pressures up to 270 psi / 18 bar.

NEMO® BS Pumps							
Pump Models	Flow Rate (GPM/100 rpm)		Max Particle Size (inches / mm)	Max Solids Size (inches / mm)	Dimensions (inches)		
	02S	01L			A	B	C*
NM015 BT 02S12 / 01L06	0.26	0.50	.08 / 2.0	.35 / 9.0	13 / 330	26 / 660	39 / 990
NM021 BT 02S12 / 01L06	0.73	1.42	.12 / 3.0	.47 / 12.0	15.7 / 400	31.5 / 800	47.2 / 1200
NM031 BT 02S12 / 01L06	2.06	4.06	.18 / 4.5	.71 / 18.0	19.7 / 500	39.4 / 1000	59.1 / 1500
NM038 BT 02S12 / 01L06	5.78	11.39	.28 / 7.0	1.1 / 28.0	29.5 / 750	59.1 / 1500	88.6 / 2250
NM045 BT 02S14 / 01L07	9.71	19.42	.33 / 8.5	1.38 / 35.0	35.4 / 900	70.9 / 1800	106.3 / 2700
NM053 BT 02S14 / 01L07	16.27	32.54	.40 / 10.0	1.61 / 41.0	43.3 / 1100	86.6 / 2200	129.9 / 3300
NM063 BT 02S14 / 01L07	27.44	54.88	.50 / 12.5	2.0 / 50.0	49.2 / 1250	98.4 / 2500	147.6 / 3750
NM076 BT 02S14 / 01L07	46.01	92.02	.60 / 15.0	2.4 / 61.0	59.1 / 1500	118.1 / 3000	177.2 / 4500
NM090 BT 02S14 / 01L07	77.27	154.55	.71 / 18.0	2.9 / 73.0	66.9 / 1700	133.9 / 3400	200.8 / 5100
NM105 BT 02S14 / 01L07	129.55	259.10	.83 / 21.0	3.31 / 84.0	82.7 / 2100	165.4 / 4200	248.0 / 6300
NM125 BT 02S14 / 01L07	217.85	435.89	1.0 / 25.0	3.38 / 100.0	102.4 / 2600	204.7 / 5200	295.3 / 7500



### Options for BS pumps

- Assortment of shaft sealing systems planned in accordance with API 682; seal sizes in accordance with API 610
- Systems for monitoring conveying pressure
- Dry running protection units
- Safety valves
- Electrical control systems
- Application-specific baseplates
- Wide variety of drive systems
- Quick disconnect above the discharge port

NETZSCH Pumps USA · 119 Pickering Way · Exton, PA 19341  
Tel.: 610 363-8010 · Fax: 610 363-0971 · npa@netsch.com

NETZSCH Pumps USA · 1511 FM 1960 Road · Houston, TX 77073  
Tel.: 346 445-2400 · npa@netsch.com

NETZSCH Canada Incorporated · 500 Welham Road · Barrie, ON L4 8Z7  
Tel.: 705 797-8426 · Fax.: 705 797-8427 · ntc@netsch.com

# NETZSCH

pumps-systems.netsch.com