

# NH –Channel Impeller, 2-pole–

The NH-series is a cast iron made, submersible sewage pump utilizing 2-pole motor. This impeller is a shrouded two-channel impeller. Each channel is designed to have a larger area and it enables the pump to be suitable for pumping wastewater containing a certain size of solids. The pumps are available in six motor sizes ranging from 1.5 to 7.5kW and available in either High Head or High Volume Type.



50NH21.5



100NH25.5



TOS80NH24.0

Discharge Bore mm	Model		Motor Output kW	Starting Method	Dimensions L x W x H*1 mm		Dry Weight*2 kg		Cable Length m
	Free Standing	Guide Rail Fitting			Free Standing	Guide Rail Fitting	Free Standing	Guide Rail Fitting	
50	50NH21.5	TOS50NH21.5	1.5	D.O.L.	452 x 240 x 475	634 x 240 x 534	40	36	6
50	50NH22.2	TOS50NH22.2	2.2	D.O.L.	454 x 242 x 510	637 x 242 x 568	44	40	6
50	50NH23.0	TOS50NH23.0	3.0	D.O.L.	474 x 266 x 540	657 x 266 x 597	51	47	6
50	50NH24.0	TOS50NH24.0	4.0	D.O.L.	515 x 284 x 557	698 x 284 x 611	57	52	6
50	50NH25.5	TOS50NH25.5	5.5	D.O.L.	540 x 320 x 798	723 x 320 x 841	93	88	6
80	80NH24.0	TOS80NH24.0	4.0	D.O.L.	538 x 278 x 563	712 x 278 x 631	63	55	6
80	80NH25.5	TOS80NH25.5	5.5	D.O.L.	544 x 290 x 804	718 x 290 x 857	99	91	6
100	100NH25.5	TOS100NH25.5	5.5	D.O.L.	585 x 288 x 835	804 x 288 x 910	107	97	6
100	100NH27.5	TOS100NH27.5	7.5	D.O.L.	622 x 310 x 832	841 x 310 x 905	117	107	6
150	150NH27.5	TOS150NH27.5	7.5	D.O.L.	727 x 328 x 850	921 x 328 x 972	146	120	6

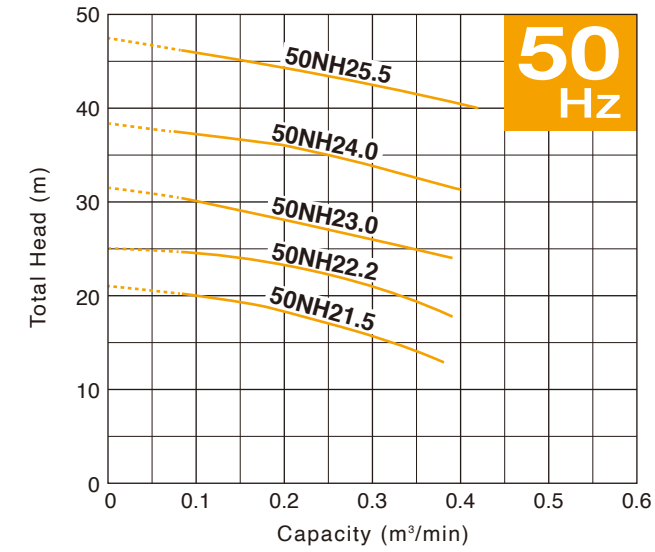
\*1 Refer to page 8 for dimension symbol positions.

\*2 All weights excluding cable  
Weights of guide rail fitting excluding duckfoot bend

## Performance Curves

It is not recommended to operate the unit continuously along the dashed curve.

< High Head Type >



< High Volume Type >

