

Pioneering for You

wilo

Wilo Philippines – 60hz

Wilo – PDN Series Submersible Sewage Pumps



Wilo – PDN Series

Submersible Sewage Pump

Application

- Drainage for waste water at factories and waste water treatment plant
- Delivery of sewage at sewage treatment plant, human waste treatment
- Drainage for buildings
- Treatment utility drainage

Standard Materials

- Casing : Gray cast iron
- Impeller : Gray cast iron
- Shaft : Stainless steel
(for other materials please consult)

Features

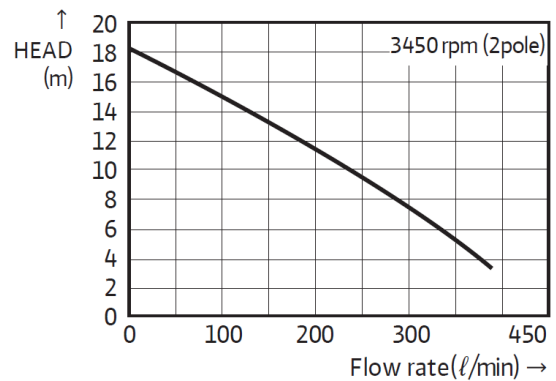
- Stainless steel shaft as standard
- Leak-proof by double mechanical seal and oil seal
- Motor protection by T.P
- Excellent sludge transfer by non clog type
- Safety design with built-in OLP (overload protector)
- Various materials are available

PDN-1400/MA/I,1403I,1404/MA/I

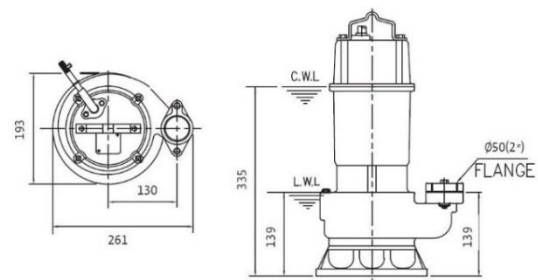
NON-CLOG TYPE



Performance Curve



Dimension Drawing

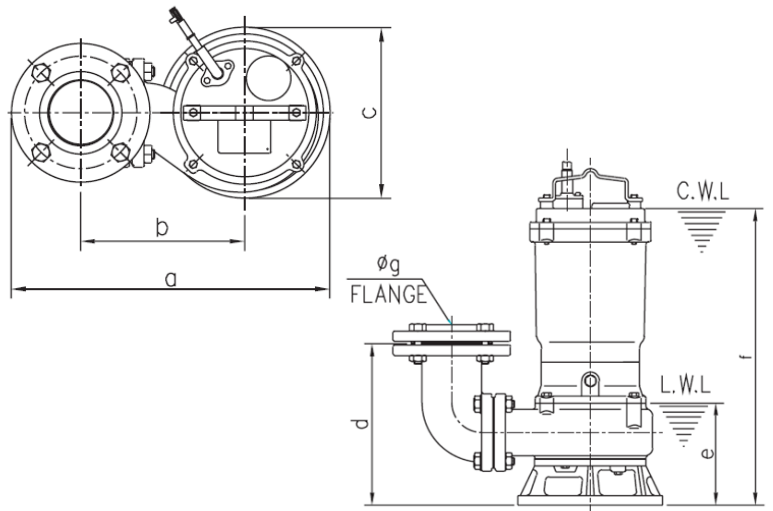


Technical Data											60 Hz	
Model	Power Source (ph x v)	Output (kW)	RPM	Discharge Diameter (mm)	Head (m)		Flow Rate (gpm)		Rated Current (A)	Bearing		
					Max	BEP	Max	BEP		Upper	Lower	
PDN-1400M/MA	1 x 220	0.95	3450	50	19	10	105	67	8	6202ZZ	6203ZZ	
PDN-1403M/MA	1 x 220	0.95	3450	50	19	10	105	67	8	6202ZZ	6203ZZ	
PDN-1404M/MA	1 x 220	0.95	3450	50	19	10	105	67	8	6202ZZ	6203ZZ	
PDN-1400I	3 x 380	0.95	3450	50	19	10	105	67	2.1	6202ZZ	6203ZZ	
PDN-1403I	3 x 380	0.95	3450	50	19	10	105	67	2.1	6202ZZ	6203ZZ	
PDN-1404I	3 x 380	0.95	3450	50	19	10	105	67	2.1	6202ZZ	6203ZZ	

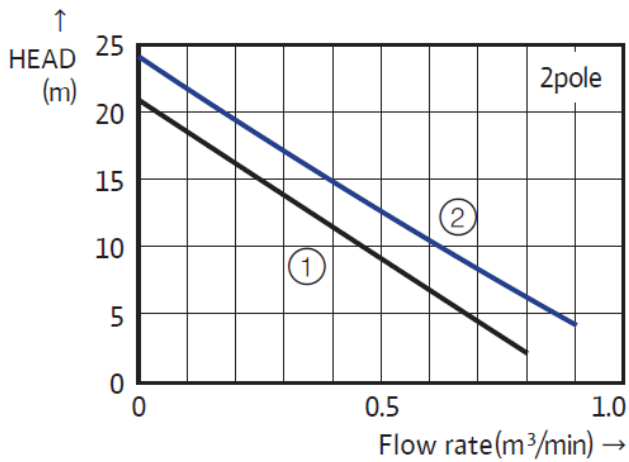
PDN-1500I/T/V,2200I/T/V,5500I/T/V,7500I/T/V **NON-CLOG TYPE**



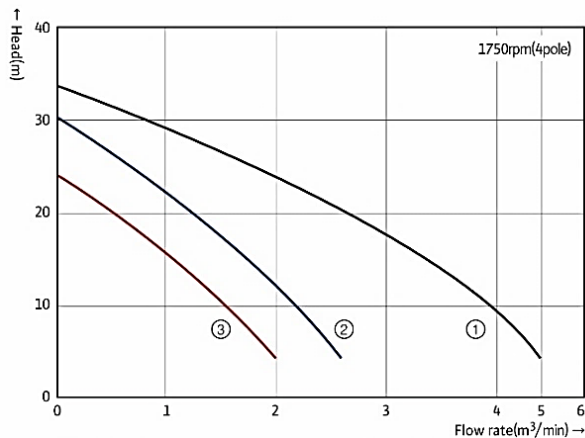
Dimension Drawing



Performance Curve



- ① PDN-2200I/T/V
PDN-2204I/T/V
- ② PDN-2500I/T/V
PDN-2504I/T/V

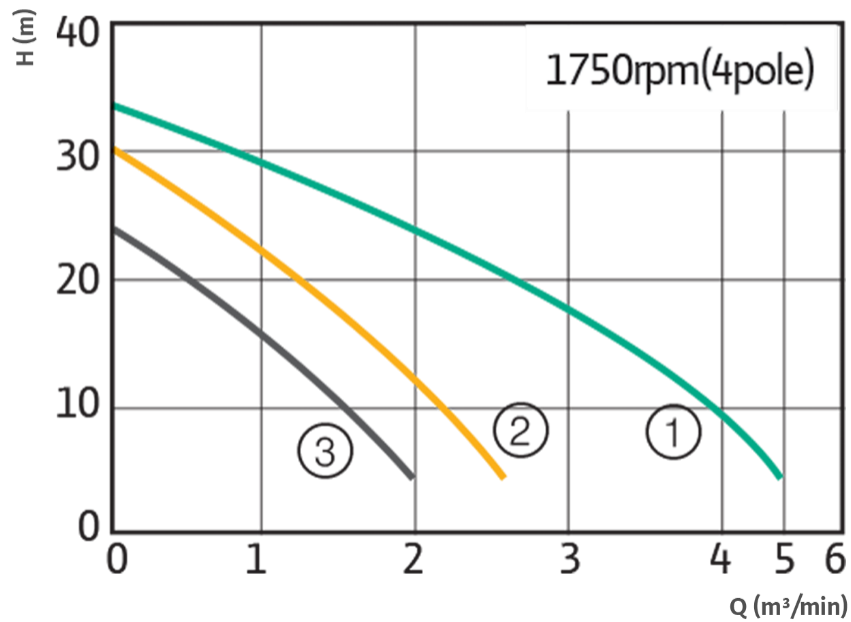
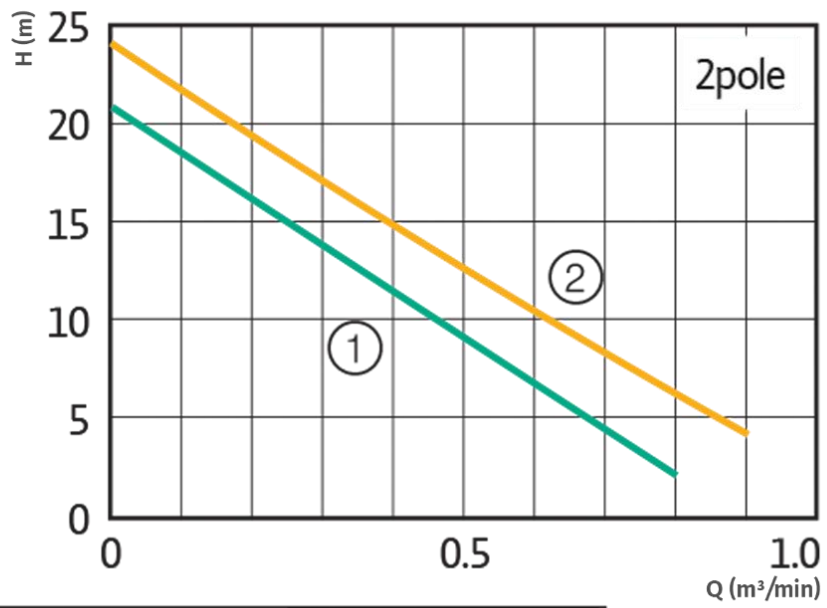
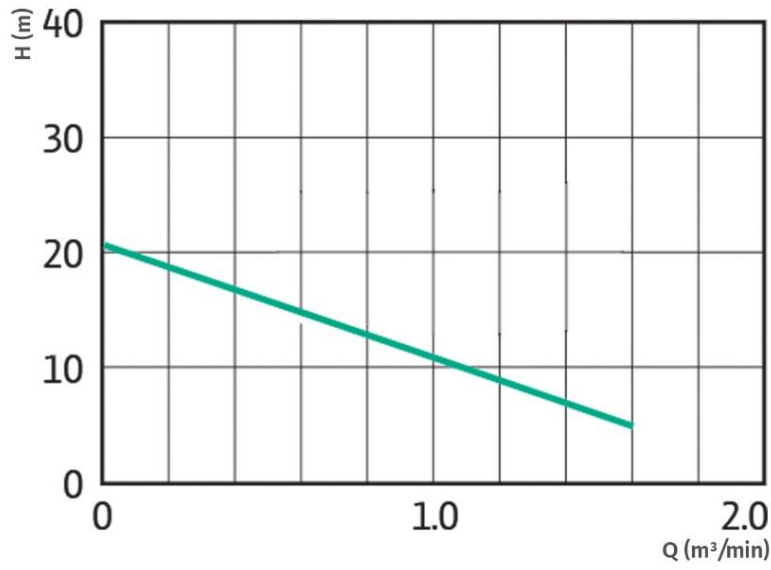


- ① PDN-15KI
- ② PDN-7500IT/V
PDN-7504I/T/V
- ③ PDN-5500I/T/V
PDN-5504I/T/V

*L.W.L: low water level.Please refer to technical data.
 *15kW (20HP) or/and over is Y-D starter (standard)
 *I/T/V :380v/220v/440v

*Built-in Over Load Protector (O.L.P)
 *Double mechanical seal (SiC+SiC/Ceramic+Carbon)
 *Materials : Cast iron casing;Cast iron impeller,SS 410 shaft

PDN-1500I/T/V,2200I/T/V,5500I/T/V,7500I/T/V **NON-CLOG TYPE**



Technical Data

Technical Data											
Model	Power Source (ph x v)	Output (kW)	RPM	Discharge Diameter (mm)	Head (m)		Flow Rate		Rated Current (A)	Bearing	
					Max	BEP	Max	BEP		Upper	Lower
PDN-1500T+AD-65	3 x 220	1.5	3450	65	21.5	11	210	118	6	6203ZZ	6306ZZ
PDN-1500T+AD-80	3 x 220	1.5	3450	80	21.5	11	210	118	6	6203ZZ	6306ZZ
PDN-1500I+AD-65	3 x 380	1.5	3450	65	21.5	11	210	118	3.4	6203ZZ	6306ZZ
PDN-1500I+AD-80	3 x 380	1.5	3450	80	21.5	11	210	118	3.4	6203ZZ	6306ZZ
PDN-1500V+AD-65	3 x 440	1.5	3450	65	21.5	11	210	118	3	6203ZZ	6306ZZ
PDN-1500V+AD-80	3 x 440	1.5	3450	80	21.5	11	210	118	3	6203ZZ	6306ZZ
PDN-2200T+AD-65	3 x 220	2.2	3450	65	23.8	13.5	238	125	8.1	6203ZZ	6306ZZ
PDN-2200T+AD-80	3 x 220	2.2	3450	80	23.8	13.5	238	125	8.1	6203ZZ	6306ZZ
PDN-2200I+AD-65	3 x 380	2.2	3450	65	23.8	13.5	238	125	4.7	6203ZZ	6306ZZ
PDN-2200I+AD-80	3 x 380	2.2	3450	80	23.8	13.5	238	125	4.7	6203ZZ	6306ZZ
PDN-2200V+AD-65	3 x 440	2.2	3450	65	23.8	13.5	238	125	4.1	6203ZZ	6306ZZ
PDN-2200V+AD-80	3 x 440	2.2	3450	80	23.8	13.5	238	125	4.1	6203ZZ	6306ZZ
PDN-3700T+AD-65	3 x 220	3.7	1800	65	21.5	12	390	240	8.1	6305ZZ	6308ZZ
PDN-3700I+AD-65	3 x 220	3.7	1800	80	21.5	12	390	240	8.1	6305ZZ	6308ZZ
PDN-3700I+AD-80	3 x 380	3.7	1800	65	21.5	12	390	240	4.7	6305ZZ	6308ZZ
PDN-3700V+AD-65	3 x 380	3.7	1800	80	21.5	12	390	240	4.7	6305ZZ	6308ZZ
PDN-3700V+AD-80	3 x 440	3.7	1800	65	21.5	12	390	240	4.1	6305ZZ	6308ZZ
PDN-3700T+AD-80	3 x 440	3.7	1800	80	21.5	12	390	240	4.1	6305ZZ	6308ZZ
PDN-5500T+AD-80	3 x 220	5.5	1750	80	25	14.5	420	300	22.5	6305ZZ	6310ZZ
PDN-5500T+AD-100	3 x 220	5.5	1750	100	25	14.5	420	300	22.5	6305ZZ	6310ZZ
PDN-5500I+AD-80	3 x 380	5.5	1750	80	25	14.5	420	300	13	6305ZZ	6310ZZ
PDN-5500I+AD-100	3 x 380	5.5	1750	100	25	14.5	420	300	13	6305ZZ	6310ZZ
PDN-5500V+AD-80	3 x 440	5.5	1750	80	25	14.5	420	300	11.2	6305ZZ	6310ZZ
PDN-5500V+AD-100	3 x 440	5.5	1750	100	25	14.5	420	300	11.2	6305ZZ	6310ZZ

*L.W.L: low water level.Please refer to technical data.

*15kW (20HP) or/and over is Y-D starter (standard)

*I/T/V :380v/220v/440v

*Built-in Over Load Protector (O.L.P)

*Double mechanical seal (SiC+SiC/Ceramic+Carbon)

*Materials : Cast iron casing;Cast iron impeller,SS 410 shaft

wilo

Pioneering for You

WILO SE
Nortkirchenstraße 100
44263 Dortmund
T +49 231 4102-7516
F +49 231 4102-7666
wilo@wilo.com
www.wilo.com

Wilo Philippines
8F Unit 810 The Infinity
26th St Bonifacio Global City
Taguig, 1634,1227 Philippines
T +63 2 553-4016
F +63 2 553-0544
sales.ph@wilo.com
www.wilo.com

Authorized Distributor:

TRIMCOR
TRIUMPH MACHINERY CORPORATION
THE PUMP, MOTOR & DRIVES SPECIALIST

www.trimcorph.com