

TOYO SUBMERSIBLE AGITATOR SAND PUMP

DP-A(HIGH DEPTH/LARGE)



FEATURE

- Original pressure compensation and sealing system provides high efficient operation at shallow or deep water.
- Suitable for the water depth up to 80m.
- Continuous operation with high concentration by the strong suction power and agitation of Cutter Fan (agitator).
- Extreme durability and resistance to abrasion.
- Suitable for dredger/dredging system. DP-A provides best performance for dredging at high depth. Wide range of specification of big volume and bore is suitable especially for dredging sea bed.

| | |
|----------------|-----------|
| DISCHARGE BORE | 200~600mm |
| OUTPUT | 110~900kw |
| SOLID SIZE | 120mm |

SPECIFICATION

| MODEL | BORE | | STANDARD | | SOLID SIZE (mm) | MOTOR | | POWER SOURCE | | WEIGHT (ton) | CABLE LENGTH (m) |
|-------------|------|------|----------|--------------------|-----------------|-------------|----------|--------------|----------------|--------------|------------------|
| | mm | inch | HEAD (m) | CAPACITY (m3/hour) | | OUTPUT (kW) | POLE (P) | VOLTAGE (V) | FREQUENCY (Hz) | | |
| DP-150-A | 200 | 8 | 40 | 390 | 120 | 110 | 10 | 400 | 50/60 | 3.8 | 80 |
| DP-150L-A | 200 | 8 | 30 | 480 | 120 | 110 | 10 | 400 | 50/60 | 3.8 | 80 |
| DP-150B-A | 250 | 10 | 22 | 720 | 120 | 110 | 10 | 400 | 50/60 | 3.5 | 80 |
| DP-200-12A | 300 | 12 | 23 | 1080 | 120 | 160 | 12 | 400 | 60 | 7 | 80 |
| DP-400-12A | 400 | 16 | 30 | 1800 | 120 | 280 | 12 | 400 | 60 | 10 | 80 |
| DP-700-14A | 500 | 20 | 30 | 3720 | 120 | 550 | 14 | 3300 | 60 | 18 | 80 |
| DP-900-16A | 550 | 22 | 30 | 4800 | 120 | 700 | 16 | 3300 | 60 | 30 | 80 |
| DP-1200-16A | 600 | 24 | 30 | 6000 | 120 | 900 | 16 | 3300 | 60 | 33 | 80 |

● Specifications are changeable without notice. Please ask for Specification Sheet for the details.

SIZE

Unit : mm

| INSTALLATION | VERTICAL | | | | | HORIZONTAL | | | | |
|--------------|----------|------|------|------|-----|------------|------|------|------|---|
| | MODEL | A | B | C | D | E | F | G | H | I |
| DP-150-A | - | 2854 | 1610 | 630 | 550 | - | - | - | - | - |
| DP-150L-A | - | 2854 | 1610 | 630 | 550 | - | - | - | - | - |
| DP-150B-A | - | 2914 | 1695 | 723 | 530 | - | - | - | - | - |
| DP-200-12A | 4219 | 2952 | 5140 | 1023 | 600 | 4500 | 2350 | 1478 | 723 | |
| DP-400-12A | 5063 | 3380 | 2370 | 1138 | 610 | 5005 | 2607 | 1660 | 840 | |
| DP-700-14A | 5180 | 3857 | 2980 | 1410 | 750 | 5840 | 3170 | 2030 | 1020 | |
| DP-900-16A | - | - | - | - | - | 7800 | 3780 | 2370 | 1170 | |
| DP-1200-16A | - | - | - | - | - | 8000 | 3780 | 2370 | 1170 | |

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VERTICAL

HORIZONTAL

