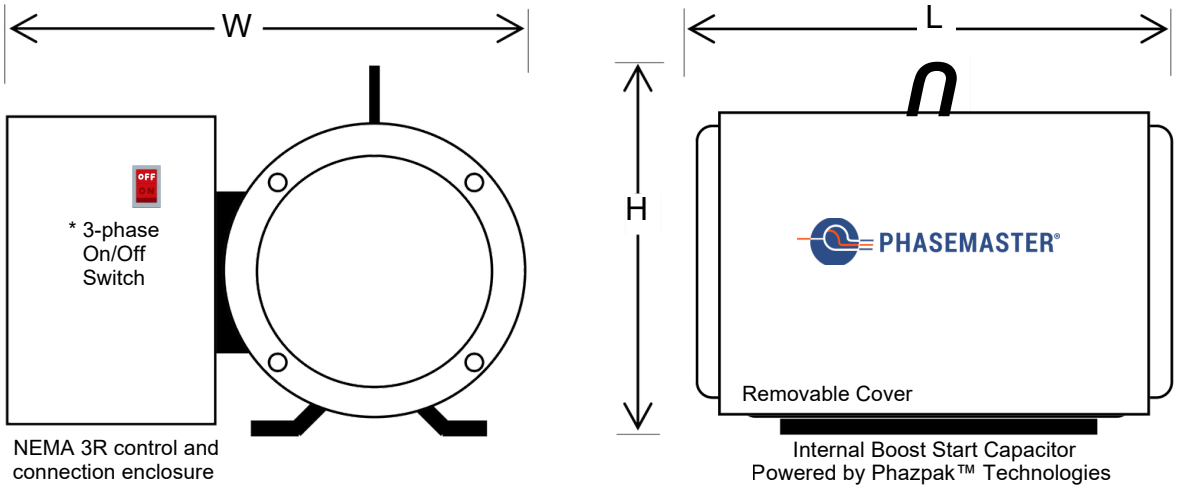
PHASEMASTER® ROTARY PHASE CONVERTER

Now Standard: *NEMA 3R Enclosure, Totally Enclosed Fan-Cooled Construction*

PHASEMASTER® TYPE DP



NEMA 3R control and connection enclosure

Internal Boost Start Capacitor
Powered by Phazpak™ Technologies

Model No.	*Start HP*	*Rotor (RT) STD/LGR*	*Dimensions (inches)* *L*	*W*	*H*	*Wt.*
DP-0	2	3 / 5	18	18	16	135
DP-1	3	5 / 7.5	24	18	16	147
DP-1B	5	7.5 / 10	26	22	16	234
DP-2	7.5	10 / 15	28	23	22	345
DP-3	10	15 / 20	32	23	22	427
DP-3B	13	20/25	32	28	22	528
DP-4	16	25/30	34	30	24	782
DP-5	20	30/40	36	30	24	841
DP-6	25	40/50	40	32	26	991
DP-7	30	50/60	42	33	26	1153
DP-8	40	60/75	44	34	28	1627

Increase one model size for compressors, submersible motors, and large inertia loads.
Use larger rotary size (RT) for 2% - 5% balance voltage requirements.
Multiply HP times 2.5 for maximum combined loads, must start separately with 5-7 second time delay.
When largest starting motor size repeats, select next largest size converter.
Multiple HP times 3 to calculate Amperage (A) loads, and times 1.25 to calculate Kilowatts (kW).
In cold start areas, and when in-rush is a concern Kandlestick™ Blue Pak is recommended.
When application start-up features a flywheel a Kandlestick™ Red Pak is recommended.
For voltage output other than 220v - 240v a HPS autotransformer is recommend, call us for sizing help.

NOTES: This is general information, always consult your local, state codes, and use a licensed electrician.

- Effective 4/15/2025, this drawing applies to all types of Deep-Well Pump model Phasemaster® rotary converters.
- See DP-Document 0302 for connection details and wire sizes
- On/Off Switch only controls manufactured 3-phase. A disconnect or 3-phase panel is required downstream to protect equipment from short-circuiting.
- Actual dimensions and weights will not exceed those shown.
- Use a single-phase breaker or fuse rated at 5- 6 times the horsepower of the Phasemaster®.

PHASEMASTER®

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