

HEAVY
PUMPS

TOYO
PUMPS



HPD SERIES

HPS SERIES

SIMPLEX PUMP CONTROL PANELS

PRE-CONFIGURED, REDUCING PUMP MAINTENANCE & TOTAL COST OF OWNERSHIP

HPD SERIES

DIRECT ON LINE START CONTROL PANELS - THE HPD SERIES

HPD Series direct on line start control panels are designed to get the most out of Hevvy/Toyo Pumps and protect them. HPD control panels come already setup by Hevvy/Toyo Engineers ensuring proper selecting, sizing, and optimal use of our pumps.

STANDARD FEATURES

DIRECT ON LINE START CONTROL PANELS

- ▶ NEMA 4X Engineered Thermoplastic Enclosure
- ▶ Lockable Pump Disconnect
- ▶ Motor Thermal Protection
- ▶ Seal Failure Detection
- ▶ Alarm Light and Audible Horn (83-85dB)
- ▶ Manual Alarm Reset
- ▶ Pump Run Light
- ▶ Hand-Off-Auto Switch
- ▶ Float Switches Included



NO CONFIGURATION REQUIRED

The HPD Series control panels come pre-configured for our pumps to not only save time but also provide the peace of mind that comes from knowing it was engineered to the highest safety standards; to reduce the maintenance and total cost of ownership.

MODEL NUMBER (XXX denotes Voltage option, 460 or 575)	STARTER RATING [A]	SUITABLE FOR PUMPS WITH 460V OPTION (XXX denotes any option available)	SUITABLE FOR PUMPS WITH 575V OPTION (XXX denotes any option available)
HPD-4-XXX	2.6 - 4.0		HT-25-3, DL-3
HPD-6-XXX	4.1 - 6.0	HT-25-3, DL-3, DL-4, DP-3	HT-50-5, DL-4, DP-3
HPD-9-XXX	6.1 - 9.0	HT-50-5, DL-7.5, DXL-5, DP-5	HT-100-7.5, DL-7.5, DXL-7.5, DP-5
HPD-13-XXX	9.1 - 13.0	HT-100-7.5, DXL-10, DXL-7.5	HS-XXX-XX-6A10, DXL-10, DP-7.5
HPD-17-XXX	13.1 - 17	HS-XXX-XX-6A10, DXL-10, DP-7.5	HT-200-15, HS-XXX-XX-4A15, DL-15, DXL-15 & 15H, DP-10
HPD-23-XXX	17.1 - 23	HT-200-15, HS-XXX-XX-4A15, DL-15, DXL-15 & 15H, DP-10	HT200H-15, HT200H-20, HS-XXX-XX-4A20, DL-20, DXL-20, DP-15
HPD-25-XXX	23.1 - 25	HT200H-15, HT200H-20, HS-XXX-XX-4A20, DL-20, DXL-20, DP-15	
HPD-32-XXX	25.1 - 32	DPF-15	HT-250-25, HT-300-30, HS-XXX-XX-4B30, HS-XXX-XX-B25, DL-30, DXL-30H, DPF-20
HPD-50-XXX	37 - 50	HT-250-25, HT-300-30, HS-XXX-XX-4B30, HS-XXX-XX-6B25, DL-30, DXL-30H, DPF-20	DL-50B
HPD-65-XXX	48 - 65	DL-50	DXL-60H

HPS SERIES

SOFT START CONTROL PANELS (ABB SOFT STARTER) - THE HPS SERIES

HPS Series soft start control panels allow for more frequent start/stop cycles by reducing the inrush current during starts, keeping the motor cooler. In addition to reducing the risk of overheating, the HPS series reduces the impact of start/stop cycles on piping systems by reducing water hammer and cavitation experienced during starting.

STANDARD FEATURES

- ▶ NEMA 4 steel enclosure
- ▶ Incoming Circuit Breaker with Lockable Disconnect
- ▶ Incoming Phase and Voltage Monitoring
- ▶ Motor Thermal Protection
- ▶ Seal Failure Detection
- ▶ Alarm Light and Alarm Horn (83-85dB)
- ▶ Manual Alarm Reset
- ▶ Pump Run Light
- ▶ Pushbutton Controls
- ▶ DCS Control Ready
- ▶ Float Switch Ready
- ▶ Aluminium Dead-front Inner Door

SOFT START CONTROL PANELS



EXTENDING PUMPS LIFE

The HPS Series soft start control panels allows for more frequent pump starts by offering a less harsh starting sequence that reduces in-rush currents which is safer and gentler on the motor and creates less heat build up and reduces the chance of damage due to water hammer and cavitation effect during startup.

MODEL NUMBER	AMPERAGE RATING [A]	SUITABLE FOR PUMPS: 460V (XXX denotes any option available)	SUITABLE FOR PUMPS: 575V (XXX denotes any option available)
HPS-60	60	DPF-20, DPF-30	HS-XXX-XX-4C50, HS-XXX-XX-6C50, DPF-20, DPF-30
HPS-80	80	HS-XXX-XX-4C50, HS-XXX-XX-6C50-HC, DXL-60H	DL-75, DPF-50
HPS-104	104	DL-75, DPF-50	DL-100, DXL-100H, DPF-75
HPS-169	169	DL-100, DXL-100H, DPF-75	DXL-150H, DPF-100
HPS-248	248	DPF-100, DXL-150H, DP-150B	DP-150B



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