

August 25th, 2023

Subject: ER15330 PumpFLO Update

To Whom It May Concern,

National Pump 50 & 60 Catalogs

The following curves have been revised. All listed curves had their preferred operating region and minimum flow revised to align with current NPC standards.

- 60 Hz – version 6c230825
 - Stock API impeller updates (API610.S-1_MATL):
 - M12HC, 1800 rpm – Revised curve shape.
 - M12HC-S, 1800 rpm – Added curve.
 - M12HC-S (1 STG), 1800 rpm – Added curve.
 - M12LC, 1800 rpm – Revised curve shape.
 - M12LC-S, 1800 rpm – Added curve.
 - M12MC, 1800 rpm – Revised curve shape.
 - M12MC-S, 1800 rpm – Added curve.
 - M6LC, 3600, 1800 rpm – Revised curve shape, Eff. reduced from 70% to 65%.
 - M8XLC, 3600, 1800 rpm – Revised curve shape.
 - Stock SS impeller updates (SS.IMP_MATL):
 - J11HC, 1800 rpm – Revised curve shape.
 - J11LC, 1800 rpm – Revised curve shape, Eff. Increased from 84.5% to 85%.
 - K10HC, 3600, 1800 rpm – Revised curve shape.
 - K10LC, 3600, 1800 rpm – Revised curve shape.
 - K10MC, 3600, 1800 rpm – Revised curve shape.
 - K12HC, 1,200, 1800 rpm – Revised curve shape.
 - M12HC, 1800 rpm – Added curve.
 - M12HC-S, 3600, 1800 rpm – Added curve.
 - M12HC-S (1-STG), 3600, 1800 rpm – Added curve.
 - M12LC, 1800 rpm – Added curve.
 - M12LC-S, 3600, 1800 rpm – Added curve.
 - M12MC, 1800 rpm – Added curve.
 - M12MC-S, 3600, 1800 rpm – Added curve.
 - Vertical enclosed updates (VERT.TURB.ENCLOSED):
 - 8-H-40, 3600, 1800 rpm – Revised curve shape, Eff. reduced from 79.8% to 76%.
 - 8-H-50, 3600, 1800 rpm – Revised curve shape, Eff. reduced from 79.8% to 76%.
 - H24LC, 1200, 900, 720 rpm – Revised curve shape, Eff. reduced from 87% to 84%.
 - H24LC-S, 1200, 900, 720 rpm – Revised curve shape, Eff. reduced from 87% to 84%.
 - H24MC, 1200, 900, 720 rpm – Revised curve shape, Eff. reduced from 86% to 84%.
 - H24MC-S, 1200, 900, 720 rpm – Revised curve shape, Eff. reduced from 86% to 84%.
 - H24MC-S (1 STG), 1200, 900, 720 rpm – Revised curve shape, added mid & min Trims.
 - H28LC, 1200, 900, 720 rpm – Added curve.
 - H28LC (1 STG), 1200, 900, 720 rpm – Added curve.

August 25th, 2023

- Vertical enclosed updates (VERT.TURB.ENCLOSED)(continued):
 - H28MC, 1200, 900, 720 rpm –
 - H28MC (1 STG), 1200, 900, 720 rpm –
 - H7LC, 3600, 1800 rpm – Revised curve shape.
 - J11HC, 1800, 1200 rpm – Revised curve shape.
 - J11LC, 1800, 1200 rpm – Revised curve shape, Eff. Increased from 84.5% to 85%.
 - K10HC, 3600, 1800, 1200 rpm – Revised curve shape.
 - K10LC, 3600, 1800, 1200 rpm – Revised curve shape.
 - K10MC, 3600, 1800, 1200 rpm – Revised curve shape.
 - K12HC, 1800, 1200, 900 rpm – Revised curve shape.
 - K8HC, 3600, 1800, 1200 rpm – Revised curve shape.
 - M12HC, 1800 rpm – Revised curve shape.
 - M12HC-S, 1800 rpm – Added curve.
 - M12HC-S (1STG), 1800 rpm – Added curve.
 - M12LC, 1800 rpm – Revised curve shape.
 - M12LC-S, 1800 rpm – Added curve.
 - M12MC, 1800 rpm – Revised curve shape.
 - M12MC-S, 1800 rpm – Added curve.
 - M6LC, 3600, 1800 rpm – Revised curve shape, Eff. reduced from 70% to 65%.
 - M8XLC, 3600, 1800 rpm – Revised curve shape.
- Submersible updates (VERT.TURB.SUB):
 - SN6HC, 3600 rpm – Added NPSHr data to curve.
 - SN6LC, 3600 rpm – Added NPSHr data to curve.
 - S8LC, 3600 – Revised curve shape.
 - S9XLC, 3600 – Revised curve shape.
 - SK8HC – Revised curve shape.
 - SK10HC, 3600, 1800, 1200 rpm – Added curve.
 - SK10LC, 3600, 1800, 1200 rpm – Revised curve shape.
 - SK10MC, 3600, 1800, 1200 rpm – Added curve.
- 50Hz - version 5c230825
 - Pushed all updates from 60Hz curves

Sincerely,



Lucas Jones
Senior Product Development Engineer