

Design Change Notification

Date: 4/1/2018

Document #: DCN-113 Dura-Cyl Inner Vessel Change

Subject: Effective approximately 4/9/18, the Chart liquid cylinder models listed below will undergo an inner pressure vessel design change as detailed below.

Description: The listed medium pressure (MP) models have traditionally been built with MP inner pressure vessels and to the DOT 4L-200 service pressure. Chart will begin building these models with high pressure (HP) inner pressure vessels and to the 4L-292 service pressure. We will maintain the same final P/Ns and the listed models will still be plumbed with all of the standard MP plumbing components. This change can be a plus when considering cylinder fleet management. If desired, they can be converted to HP cylinders in the future by simply replacing the MP plumbing components with the HP equivalents. Just make sure that the DOT data plate on the cylinder lists the 4L-292 service pressure.

Please note in our liquid cylinder specification sheets that the MP and HP models have the same NER values. This change will not affect general performance or operation. Also, though the cylinder tare weights will increase (see the approximate weights below), that will be compensated for during the normal process of filling with a digital scale. The empty cylinder weights are “tared” out before filling to the maximum allowable DOT fill weights.

Products Affected: All of the liquid cylinder models listed below are affected by this change.

Dura-Cyl 180MP MCR	P/N 10783491	Additional 26.49 LBS
Dura-Cyl 180MP LCCM	P/N 10508764	Additional 26.49 LBS
Dura-Cyl 200MP MCR	P/N 10783598	Additional 28.65 LBS
Dura-Cyl 200MP LCCM	P/N 10508772	Additional 28.65 LBS
Dura-Cyl 265MP SB LCCM	P/N 10510039	Additional 32.76 LBS

Contact: If you have questions related to this change, please contact your Chart Customer Service Representative at (800) 400-4683. Thank you for depending on Chart to provide high quality products and services.