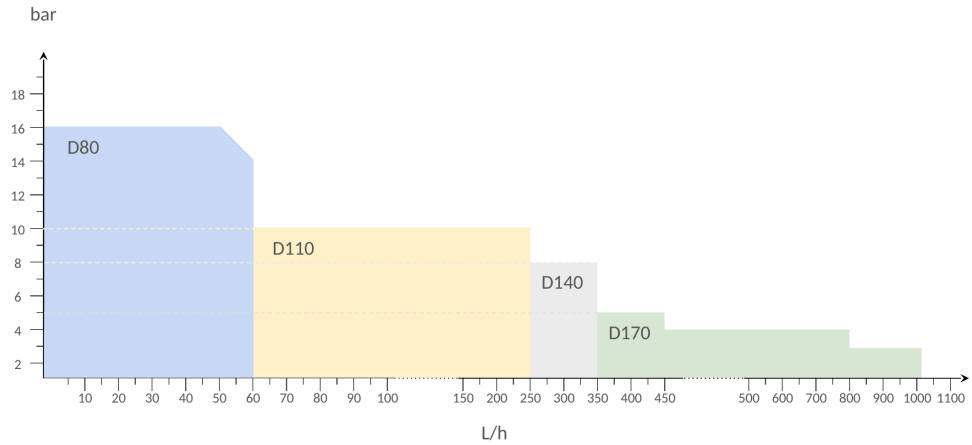
OPERATING RANGES OF MECAFLOW DOSING PUMPS

P02-MCF-CO-001

Performance curves · Mechanical dosing pumps

Flow rate and working pressure ranges of the MecaFlow diaphragm dosing pumps, by diaphragm diameter (D80, D110, D140, D170).

Operating ranges



Maximum working pressure (bar) as a function of flow rate (L/h), by diaphragm diameter

Reading the graph

Each coloured area corresponds to a diaphragm diameter (D80, D110, D140 or D170). For a given flow rate in L/h (horizontal axis), the height of the area gives the maximum working pressure in bar (vertical axis).

The horizontal dotted lines at 5, 8 and 10 bar are reading guides. For example, the pump with the D140 diaphragm operates up to 8 bar.

The flow rate axis is not linear: the scale is compressed between 100 and 150 L/h, then between 450 and 500 L/h.

Related documents : P02-MCF-FT-001, P02-MCF-MA-001

Product codes : D80-Q4-P14-T18-FF-014, D80-Q4-P14-T18-II-014, D80-Q4-P14-T18-PI-014, D80-Q22-P12-T18-FF-014, D80-Q22-P12-T18-II-014, D80-Q22-P12-T18-PI-014, D80-Q39-P12-T18-FF-014, D80-Q39-P12-T18-II-014, D80-Q39-P12-T18-PI-014, D80-Q54-P12-T18-FF-014, D80-Q54-P12-T18-II-014, D80-Q54-P12-T18-PI-014, D110-Q65-P8-T18-FF-038, D110-Q65-P8-T18-II-038, D110-Q65-P8-T18-PI-038, D110-Q150-P8-T18-FF-038, D110-Q150-P8-T18-II-038, D110-Q150-P8-T18-PI-038, D110-Q250-P8-T18-FF-038, D110-Q250-P8-T18-II-038, D110-Q250-P8-T18-PI-038, D140-Q252-P8-T37-FF-034, D140-Q252-P8-T37-II-034, D140-Q252-P8-T37-PI-034, D140-Q305-P8-T37-FF-034, D140-Q305-P8-T37-II-034, D140-Q305-P8-T37-PI-034, D140-Q355-P8-T37-FF-034, D140-Q355-P8-T37-II-034, D140-Q355-P8-T37-PI-034, D170-Q450-P5-T37-FF-100, D170-Q450-P5-T37-II-100, D170-Q450-P5-T37-PI-100, D170-Q700-P4-T37-FF-100, D170-Q700-P4-T37-II-100, D170-Q700-P4-T37-PI-100, D170-Q800-P4-T37-FF-100, D170-Q800-P4-T37-II-100, D170-Q800-P4-T37-PI-100, D170-Q1000-P3-T37-FF-100, D170-Q1000-P3-T37-II-100, D170-Q1000-P3-T37-PI-100