

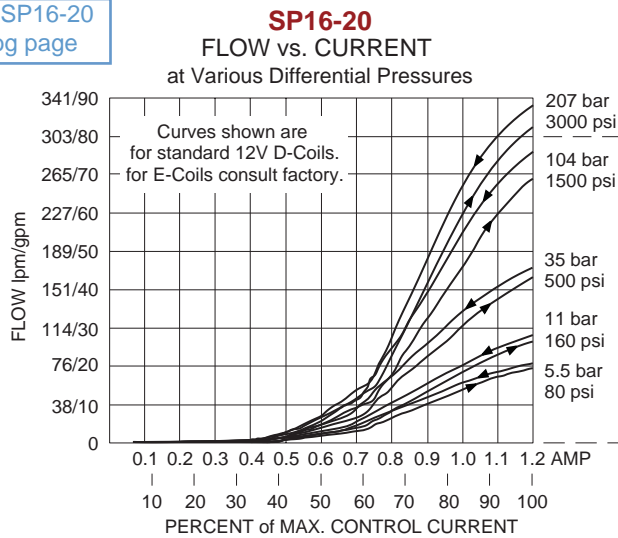
••••• INNOVATION AT WORK FOR YOU •••••

New High-Flow SP16-20 and SP16-21 Proportional Valves

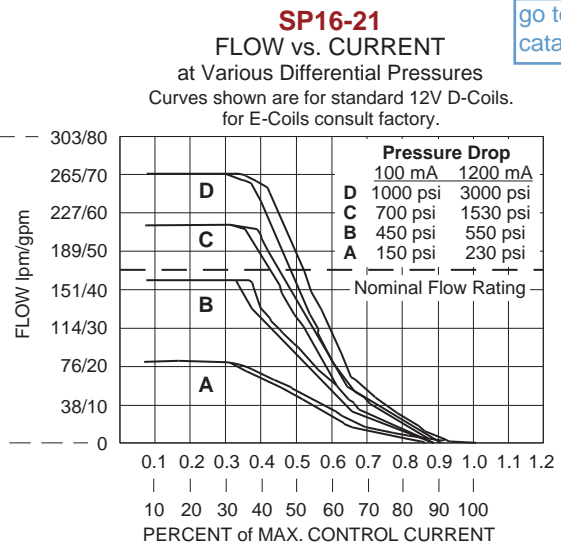
The SP16-20 and SP16-21 proportional directional valves offer very high flow capabilities. These poppet-type valves are ideal for low-leakage blocking and load-holding applications. The SP16-20 is now rated up to 333 lpm/88 gpm, and the SP16-21 is rated up to 265 lpm/70 gpm. Both feature very low internal leakage of 7 dpm, less than 10% hysteresis, and interchangeable coil voltages and terminations. 'M', 'Y', or 'J' -type manual overrides

are available for the SP16-20. With the 'Y,' or 'J' manual overrides, flow performance may be diminished. The 'P' manual override is available for the SP16-21. The SP16-20 was originally rated to 257 lpm/68 gpm, but after significant improvements to the poppet design, flow capacities have now been increased by up to 30%, making them among the highest flow rated 16-size proportional directional cartridge valves on the market today.

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Features	Benefits
High flow capabilities.	Flows up to 333 lpm/88 gpm the SP16-20, and 265 lpm/70 gpm for the SP16-21.
Hardened seat for long life and low leakage.	Reliable operation in mobile machinery application conditions.
Poppet-style construction.	Ideal for load-holding and low-leakage blocking applications.
Manual override options.	In an electrical failure, valve can be operated manually.
Optional waterproof E-Coils rated up to IP69K.	Low cost, easy installation and reliability even in severe duty applications .
Industry common cavity.	Easy manifold machining using standard tooling, programming and set-up configurations.
5-year limited warranty. See full warranty statement in the catalog or website.	Confidence, with the backing of the industry's leading manufacturer of hydraulic cartridge valves
Tested to 1 million cycles at full rated pressure.	Long life without wear or decreased performance over time.

HydraForce is dedicated to innovation, quality and superior technical support in order to provide our customers with the most competitive high-performance system solutions in the industry. Please see www.hydraforce.com for additional product information, or contact your HydraForce representative for assistance.

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