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Part Number RV 713, RV 713 Selector Control Valves

RV 713 is a 3 way selector valve designed for flows up to 42gpm (160 Lpm) and max. operating pressures up to 3,625 psi (250 bar).

Spools, both 2 and 3 position, are available in various types including spools with built in check valves. Standard spools are designed with under lap.

A wide range of spool controls, both for manual operation as well as for remote control, are available.



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Specifications

Brands HYDAC

Pressures/Flows

Maximum Operating Pressure per Port (A, B, C) 3625 psi 250 bar

Note for Maximum Operating Pressure per Port

Manual operated valves with spring centered or spring returned spools are only recommended when switching to neutral always takes place during pressure unloaded conditions.

Typical Nominal Inlet Flow Rate 42 gpm
160 L/min

Fluid Temperature 5 to 176 °F -15 to 80 °C

Technical Data

Spool Control Force at Neutral Position	63 lb	280 N
Spool Control Force at Maximum Spool Stroke	90 lb	400 N
Permissible Contamination Level	Equal or Better than 20/18/14 as per ISO 4406	
Viscosity	10 to 400 mm ² /s	
Leakage	< 40 cm ³ /min	
Pressure Fluid	Mineral Oil and Synthetic Oil Based on Mineral Oil HL, HLP according to DIN 51524	

Applications

Applications

Typical applications for RV 713 are tipping gears and demountable bodies.

The configuration with check valve spools are typical used as a limit switch on trailers.

Note

Higher values are possible, depending on application.