

HYDRAULIC QUICK COUPLINGS – ISO 7241-1 PROFILE A SERIES 2000, 6600, RSD

Parker quick coupling system with ISO 7241-1 A profile and body size 1/2" for applications up to 250 bar.

Markets:

Agriculture, Automotive, Transportation, Vocational & Municipal, Defense, Industrial, Construction, Material Handling

Application:

Agriculture and construction tractors, mobile equipment, construction equipment, material handling machines, tractors, trucks, wheel loaders, military vehicles, presses, molding machines

Series 2000 is available with two valve options - Poppet valve or ball valve. This coupling system can be used in Push-Pull connection- / disconnection.

Advantages:

- NBR seals and back-up ring in PTFE to withstand flow surges at high flow rates
- Double acting sleeve (Push-Pull)
- Ball or three-part poppet style valving with a molded shaped seal to prevent seal washout at high flow rates
- Cr(VI)-free plating
- 10 locking balls to reduce brinelling effect

Parker's Series 6600 comes with the pressure eliminator (coupling and plug), to establish connections with residual pressure (up to 200 bar).

Advantages:

- Can be fitted with pressure eliminator to ensure effortless connection even with residual pressure
- High flow performance with low pressure drop
- Coupling made of brass to avoid corrosion



RSD Series is a one hand operated push-pull version, which serves to prevent leakage and destruction of the hydraulic hoses by automatic disconnection in case of accidental traction on the hose. The integrated detent system prevents circuit shut off in back-flow.

Advantages:

- Push-Pull connection / disconnection when rigid mounting
- Allow up to 240 l/min. back flow without shut-off of the circuit
- Connectable under full pressure
- Light weight and reduced dimensions



Benefits:

- **Cost effectiveness:** Parker couplings offer leakage-free disconnection with minimal oil loss during the uncoupling. In combination with the valve design, the coupling ensures maximum cost-effectiveness.
- **Optimized performance and corrosion resistance:** Series available in steel / brass combination ensure a low risk of corrosion which will lead to a constant performance level.
- **Reduced Downtime and increased productivity:** Faster and easier connections with the push-to-connect mechanism and connectable under full pressure leads to reduced assembly, maintenance and shut-off time.

Disclaimer:

Please note that the before-mentioned benefits are not specific for one Series only. Individual series may have other characteristics that lead to different benefits.

Interested?

Contact your local Parker Hannifin distributor today to learn more about how Quick Couplings ensure leak-free connections in your systems.

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