

Features

- Connection via hand or tool under maximum working pressure
- Withstands high static pressures.
- Maximum flow rate maintained should light unscrewing of the sleeve occur.
- Large operating temperature range -25 → +100 °C
- Nitrile seal material
- Carbon steel body construction

RS PRO Carbon Hydraulic Quick Connect Coupling, BSPP RS Stock No : 7335640



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

Carbon Steel Male Tip / Female Flat Face Coupler

Connection via hand or tool under maximum working pressure

Withstands high static pressures.

Maximum flow rate maintained should light unscrewing of the sleeve occur.

Large operating temperature range -25 → +100 °C

Nitrile seal material

Carbon steel body construction

Materials

Female = Steel - Wear Parts Carbonitrided

Male = High Grade Carbon Steel - Harded

Finish = Crill Zinc Plated

Valve = Carbon Steel

Seals = Nitril/Polyurethane

Rings = Pure PTFE

Temperature Range = -20 to +100 DegC

Screw Locking

Couplings manufactured to ISO standards and fitted with NBR (Nitrile), with secondary PTFE seals for backup purposes. Suitable for working environments within -25 to 100°C

General Specifications

Type	Union
Coupling Gender	See table below for full details
Locking Style	Screw Lock
Series	RS
Thread	See table below for full details
Thread Standard	BSPP
Thread Size	See table below for full details
Thread Gender	See table below for full details
Material	Carbon Steel
Finish	Zinc Plated
Seal Material	Nitrile Rubber
Ring Material	Pure PTFE
Flow Rate	See table below for full details
Compatible With	ISO-DIS 16028
Maximum Operating Pressure	See table below for full details
Minimum Operating Temperature	-20°C
Maximum Operating Temperature	+100°C

Mechanical Specifications

Dimensions	See table below for full details
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Classification

Standards	ISO-DIS 16028
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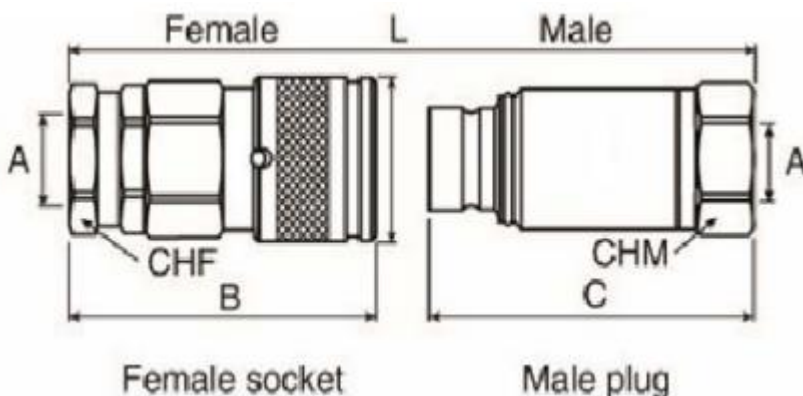
Warnings

Do not connect couplings under pressure.

Products Full Details

Female Sockets

RS PRO Stock No.		733-5631	733-5628	733-5619	733-5640
ISO Base Size		6.3	10	10	12.5
Size	BSP	1 / 4"	3 / 8"	1 / 2"	3 / 4"
Max Pressure	BAR	120	120	120	100
Flow Rating	LPM	35	65	65	150
Diameter A	mm	1 / 4"	3 / 8"	1 / 2"	3 / 4"
Diameter B	mm	58.6	73	74.6	86.4
Diameter C	mm	60.3	77.3	81.3	92.5
Diameter D	mm	27	30	30	38
Diameter L	mm	108.4	134.3	139.9	161.4
Diameter CHF	mm	24	27	27	32
Diameter CHM	mm	24	27	27	34

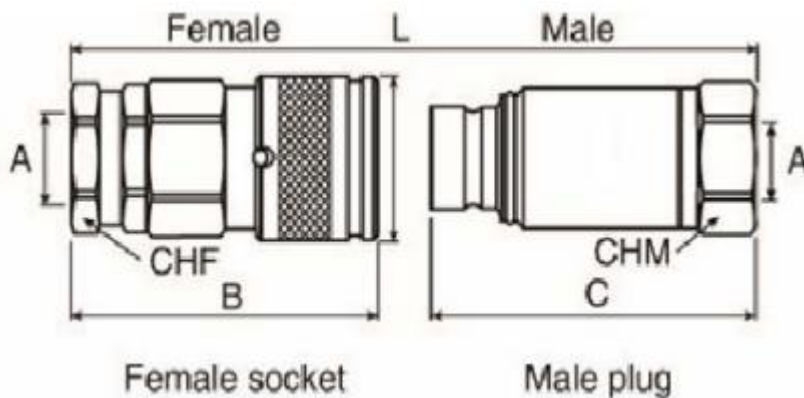


Materials

Female = Steel - Wear Parts Carbonitrided
 Male = High Grade Carbon Steel - Hardened
 Finish = Crill Zinc Plated
 Valve = Carbon Steel
 Seals = Nitril/Polyurethane
 Rings = Pure PTFE
 Temperature Range = -20 to +100 DegC

Male Sockets

RS PRO Stock No.		733-5621	733-5625	733-5637	733-5634
ISO Base Size		6.3	10	10	12.5
Size	BSP	1 / 4"	3 / 8"	1 / 2"	3 / 4"
Max Pressure	BAR	420	350	350	250
Flow Rating	LPM	35	65	65	150
Diameter A	mm	1 / 4"	3 / 8"	1 / 2"	3 / 4"
Diameter B	mm	58.6	73	74.6	86.4
Diameter C	mm	60.3	77.3	81.3	92.5
Diameter D	mm	27	30	30	38
Diameter L	mm	108.4	134.3	139.9	161.4
Diameter CHF	mm	24	27	27	32
Diameter CHM	mm	24	27	27	34



Materials

Female = Steel - Wear Parts Carbonitrided
 Male = High Grade Carbon Steel - Harded
 Finish = Crill Zinc Plated
 Valve = Carbon Steel
 Seals = Nitril/Polyurethane
 Rings = Pure PTFE
 Temperature Range = -20 to +100 DegC

