

Quick Release Couplings: QuickBreak® ISO B



Technical Specification

- ISO7421-1 Series B
- Sizes 1/8" to 1 (1 1/4" to 2" available to order)
- Materials: Brass, Plated Steel, Stainless Steel 303, 316 available
- Buna, Viton, EPDM & Neoprene seals
- Working pressures up to 300 bar (depending on material & size)
- Double shut-off valve configuration
- Effective ball-locking system
- Special seals are available on request

Features & Benefits

- Interchangeable with other fittings manufactured to ISO-B standard
- Superior pressure and flow characteristics
- Sleeve lock if required
- Quick, easy and simple to operate

Applications

- High pressure hydraulic circuits
- Hydraulic pumps, valves quick tool change
- Die casting
- Test benches
- Plastics industry
- Steel industry

Code	Size	Material	Thread Type	Pressure BAR	Seal Type
ISO B Nipple by Female Thread					
QDB-N025BR-FB	1/4"	Brass	NPT	185	Buna Nitrile
QDB-N025BR-FV	1/4"	Brass	NPT	185	Viton/FKM
QDB-N025BR-RPB	1/4"	Brass	BSPP	185	Buna Nitrile
QDB-N025BR-RPV	1/4"	Brass	BSPP	185	Viton/FKM
QDB-N025PS-FB	1/4"	Steel	NPT	300	Buna Nitrile
QDB-N025PS-FV	1/4"	Steel	NPT	300	Viton/FKM
QDB-N025PS-RPB	1/4"	Steel	BSPP	300	Buna Nitrile
QDB-N025PS-RPV	1/4"	Steel	BSPP	300	Viton/FKM
QDB-N025SS-FB	1/4"	Stainless Steel 303	NPT	300	Buna Nitrile
QDB-N025SS-FV	1/4"	Stainless Steel 303	NPT	300	Viton/FKM
QDB-N025SS-RPB	1/4"	Stainless Steel 303	BSPP	300	Buna Nitrile
QDB-N025SS-RPV	1/4"	Stainless Steel 303	BSPP	300	Viton/FKM

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Code	Size	Material	Thread Type	Pressure BAR	Seal Type
QDB-N038BR-FB	3/8"	Brass	NPT	152	Buna Nitrile
QDB-N038BR-FV	3/8"	Brass	NPT	152	Viton/FKM
QDB-N038BR-RPB	3/8"	Brass	BSPP	152	Buna Nitrile
QDB-N038BR-RPV	3/8"	Brass	BSPP	152	Viton/FKM
QDB-N038PS-FB	3/8"	Steel	NPT	280	Buna Nitrile
QDB-N038PS-FV	3/8"	Steel	NPT	280	Viton/FKM
QDB-N038PS-RPB	3/8"	Steel	BSPP	280	Buna Nitrile
QDB-N038PS-RPV	3/8"	Steel	BSPP	280	Viton/FKM
QDB-N038SS-FB	3/8"	Stainless Steel 303	NPT	280	Buna Nitrile
QDB-N038SS-FV	3/8"	Stainless Steel 303	NPT	280	Viton/FKM
QDB-N038SS-RPB	3/8"	Stainless Steel 303	BSPP	280	Buna Nitrile
QDB-N038SS-RPV	3/8"	Stainless Steel 303	BSPP	280	Viton/FKM
QDB-N050BR-FB	1/2"	Brass	NPT	160	Buna Nitrile
QDB-N050BR-FV	1/2"	Brass	NPT	160	Viton/FKM
QDB-N050BR-RPB	1/2"	Brass	BSPP	160	Buna Nitrile
QDB-N050BR-RPV	1/2"	Brass	BSPP	160	Viton/FKM
QDB-N050PS-FB	1/2"	Steel	NPT	280	Buna Nitrile
QDB-N050PS-FV	1/2"	Steel	NPT	280	Viton/FKM
QDB-N050PS-RPB	1/2"	Steel	BSPP	280	Buna Nitrile
QDB-N050PS-RPV	1/2"	Steel	BSPP	280	Viton/FKM
QDB-N050SS-FB	1/2"	Stainless Steel 303	NPT	280	Buna Nitrile
QDB-N050SS-FV	1/2"	Stainless Steel 303	NPT	280	Viton/FKM
QDB-N050SS-RPB	1/2"	Stainless Steel 303	BSPP	280	Buna Nitrile
QDB-N050SS-RPV	1/2"	Stainless Steel 303	BSPP	280	Viton/FKM
QDB-N075BR-FB	3/4"	Brass	NPT	138	Buna Nitrile
QDB-N075BR-FV	3/4"	Brass	NPT	138	Viton/FKM
QDB-N075BR-RPB	3/4"	Brass	BSPP	138	Buna Nitrile
QDB-N075BR-RPV	3/4"	Brass	BSPP	138	Viton/FKM
QDB-N075PS-FB	3/4"	Steel	NPT	250	Buna Nitrile
QDB-N075PS-FV	3/4"	Steel	NPT	250	Viton/FKM
QDB-N075PS-RPB	3/4"	Steel	BSPP	250	Buna Nitrile
QDB-N075PS-RPV	3/4"	Steel	BSPP	250	Viton/FKM
QDB-N075SS-FB	3/4"	Stainless Steel 303	NPT	250	Buna Nitrile
QDB-N075SS-FV	3/4"	Stainless Steel 303	NPT	250	Viton/FKM

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QDB-N038BR-FB	3/8"	Brass	NPT	152	Buna Nitrile
QDB-N038BR-FV	3/8"	Brass	NPT	152	Viton/FKM
QDB-N038BR-RPB	3/8"	Brass	BSPP	152	Buna Nitrile
QDB-N038BR-RPV	3/8"	Brass	BSPP	152	Viton/FKM
QDB-N038PS-FB	3/8"	Steel	NPT	280	Buna Nitrile
QDB-N038PS-FV	3/8"	Steel	NPT	280	Viton/FKM
QDB-N038PS-RPB	3/8"	Steel	BSPP	280	Buna Nitrile
QDB-N038PS-RPV	3/8"	Steel	BSPP	280	Viton/FKM
QDB-N038SS-FB	3/8"	Stainless Steel 303	NPT	280	Buna Nitrile
QDB-N038SS-FV	3/8"	Stainless Steel 303	NPT	280	Viton/FKM
QDB-N038SS-RPB	3/8"	Stainless Steel 303	BSPP	280	Buna Nitrile
QDB-N038SS-RPV	3/8"	Stainless Steel 303	BSPP	280	Viton/FKM
QDB-N050BR-FB	1/2"	Brass	NPT	160	Buna Nitrile
QDB-N050BR-FV	1/2"	Brass	NPT	160	Viton/FKM
QDB-N050BR-RPB	1/2"	Brass	BSPP	160	Buna Nitrile
QDB-N050BR-RPV	1/2"	Brass	BSPP	160	Viton/FKM
QDB-N050PS-FB	1/2"	Steel	NPT	280	Buna Nitrile
QDB-N050PS-FV	1/2"	Steel	NPT	280	Viton/FKM
QDB-N050PS-RPB	1/2"	Steel	BSPP	280	Buna Nitrile
QDB-N050PS-RPV	1/2"	Steel	BSPP	280	Viton/FKM
QDB-N050SS-FB	1/2"	Stainless Steel 303	NPT	280	Buna Nitrile
QDB-N050SS-FV	1/2"	Stainless Steel 303	NPT	280	Viton/FKM
QDB-N050SS-RPB	1/2"	Stainless Steel 303	BSPP	280	Buna Nitrile
QDB-N050SS-RPV	1/2"	Stainless Steel 303	BSPP	280	Viton/FKM
QDB-N075BR-FB	3/4"	Brass	NPT	138	Buna Nitrile
QDB-N075BR-FV	3/4"	Brass	NPT	138	Viton/FKM
QDB-N075BR-RPB	3/4"	Brass	BSPP	138	Buna Nitrile
QDB-N075BR-RPV	3/4"	Brass	BSPP	138	Viton/FKM
QDB-N075PS-FB	3/4"	Steel	NPT	250	Buna Nitrile
QDB-N075PS-FV	3/4"	Steel	NPT	250	Viton/FKM
QDB-N075PS-RPB	3/4"	Steel	BSPP	250	Buna Nitrile
QDB-N075PS-RPV	3/4"	Steel	BSPP	250	Viton/FKM
QDB-N075SS-FB	3/4"	Stainless Steel 303	NPT	250	Buna Nitrile
QDB-N075SS-FV	3/4"	Stainless Steel 303	NPT	250	Viton/FKM

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Code	Size	Material	Thread Type	Pressure BAR	Seal Type
QDB-S038PS-RPV	3/8"	Steel	BSPP	280	Viton/FKM
QDB-S038SS-FB	3/8"	Stainless Steel 303	NPT	280	Buna Nitrile
QDB-S038SS-FV	3/8"	Stainless Steel 303	NPT	280	Viton/FKM
QDB-S038SS-RPB	3/8"	Stainless Steel 303	BSPP	280	Buna Nitrile
QDB-S038SS-RPV	3/8"	Stainless Steel 303	BSPP	280	Viton/FKM
QDB-S050BR-FB	1/2"	Brass	NPT	160	Buna Nitrile
QDB-S050BR-FV	1/2"	Brass	NPT	160	Viton/FKM
QDB-S050BR-RPB	1/2"	Brass	BSPP	160	Buna Nitrile
QDB-S050BR-RPV	1/2"	Brass	BSPP	160	Viton/FKM
QDB-S050PS-FB	1/2"	Steel	NPT	280	Buna Nitrile
QDB-S050PS-FV	1/2"	Steel	NPT	280	Viton/FKM
QDB-S050PS-RPB	1/2"	Steel	BSPP	280	Buna Nitrile
QDB-S050PS-RPV	1/2"	Steel	BSPP	280	Viton/FKM
QDB-S050SS-FB	1/2"	Stainless Steel 303	NPT	280	Buna Nitrile
QDB-S050SS-FV	1/2"	Stainless Steel 303	NPT	280	Viton/FKM
QDB-S050SS-RPB	1/2"	Stainless Steel 303	BSPP	280	Buna Nitrile
QDB-S050SS-RPV	1/2"	Stainless Steel 303	BSPP	280	Viton/FKM
QDB-S075BR-FB	3/4"	Brass	NPT	138	Buna Nitrile
QDB-S075BR-FV	3/4"	Brass	NPT	138	Viton/FKM
QDB-S075BR-RPB	3/4"	Brass	BSPP	138	Buna Nitrile
QDB-S075BR-RPV	3/4"	Brass	BSPP	138	Viton/FKM
QDB-S075PS-FB	3/4"	Steel	NPT	250	Buna Nitrile
QDB-S075PS-FV	3/4"	Steel	NPT	250	Viton/FKM
QDB-S075PS-RPB	3/4"	Steel	BSPP	250	Buna Nitrile
QDB-S075PS-RPV	3/4"	Steel	BSPP	250	Viton/FKM
QDB-S075SS-FB	3/4"	Stainless Steel 303	NPT	250	Buna Nitrile
QDB-S075SS-FV	3/4"	Stainless Steel 303	NPT	250	Viton/FKM
QDB-S075SS-RPB	3/4"	Stainless Steel 303	BSPP	250	Buna Nitrile
QDB-S075SS-RPV	3/4"	Stainless Steel 303	BSPP	250	Viton/FKM
QDB-S100BR-FB	1"	Brass	NPT	105	Buna Nitrile
QDB-S100BR-FV	1"	Brass	NPT	105	Viton/FKM
QDB-S100BR-RPB	1"	Brass	BSPP	105	Buna Nitrile
QDB-S100BR-RPV	1"	Brass	BSPP	105	Viton/FKM
QDB-S100PS-FB	1"	Steel	NPT	230	Buna Nitrile

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Code	Size	Material	Thread Type	Pressure BAR	Seal Type
QDB-S100PS-FV	1"	Steel	NPT	230	Viton/FKM
QDB-S100PS-RPB	1"	Steel	BSPP	230	Buna Nitrile
QDB-S100PS-RPV	1"	Steel	BSPP	230	Viton/FKM
QDB-S100SS-FB	1"	Stainless Steel 303	NPT	230	Buna Nitrile
QDB-S100SS-FV	1"	Stainless Steel 303	NPT	230	Viton/FKM
QDB-S100SS-RPB	1"	Stainless Steel 303	BSPP	230	Buna Nitrile
QDB-S100SS-RPV	1"	Stainless Steel 303	BSPP	230	Viton/FKM