Product Specification Overview

What are your conditions of use?

COUPLING MATERIALS

Brass/Steel:

• Mainly for pneumatic applications

Stainless Steel: AISI 303 or 316L

- For agressive media
- High corrosion resistance

Thermoplastic: POM / PVDF

• For all kind of media e.g. chemical fluids

SEAL MATERIALS*

- NBR: -20°C up to +100°C • **EPDM:** -40°C up to +150°C • FKM: -15°C up to +200°C • FFKM: -25°C up to +240°C
- * depending on the medium



Which profile interchangeability do you need?

Profile

- ISO B
- ISO C
- Euro
- ARO • UK
- SCANDIC
- ASIA



What is your application environment?

Pressure:

System pressure, pressure peaks

Temperature:

Medium, Environment, Operation/Standstill

Medium:

Compressed air, Vacuum, Water/Seawater, Other fluids/gaseous

Flow Rate:

Volume Flow, Medium Viscosity, End connection

Operating Environment:

Ambient air quality (pollution?), risk of shocks, confined areas/ access difficulties, use of products on mobile equipment, corrosive atmosphere



Which end connection do you need?

- Hose connection
- Threaded connection
- Plastic tube connection

Which function & flow control do you need?

The shut-off direction is always defined by the combination of couplings and plugs.



- Best flow/no turbulence
- Ideal for use with liquids



- Shut-off valves in plug and coupling
- Pressure is maintained on both sides

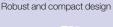


- Plug and coupling have a flat
- Ideal to prevent drops of the medium escaping

- Plug is straight-through Flow is stopped by the valve inside the coupler during dis-











Flow is increased by up to 80% compared with traditional systems due to less turbulence





Ultra High Flow Valve Extremely streamlined highend valve guarantees optimal flow and can be found in our Energy Saving series

Which safety features do you need?



- Safety coupling
- Safety locking mechanism prevents unintentional disconnection





- · Safety coupling with a selfventing system
- No unintentional disconnection and whiplash effect to prevent the risk of work accidents



- Safety coupling, mechanical and colour coding
- Avoid mix-ups between media when coupling

Which series is recommended?

	Profile	DN	Series	KF	S KA	KB	⊕ KL	Plugs
Stainless Steel	EURO	2,7	Series 20		P. 281	P. 282		Series 20
	ISO C	3	Series 303			P. 284		Series 303
	EURO	5	Series 21		P. 286	P. 288		Series 21
	EURO	7,4	Series 25		P. 290	P. 291		Series 25
	EURO	10	Series 27		P. 293	P. 294		Series 27
	ISO 7241-1 B	4,3-20	Series 70			P. 296		Series 70