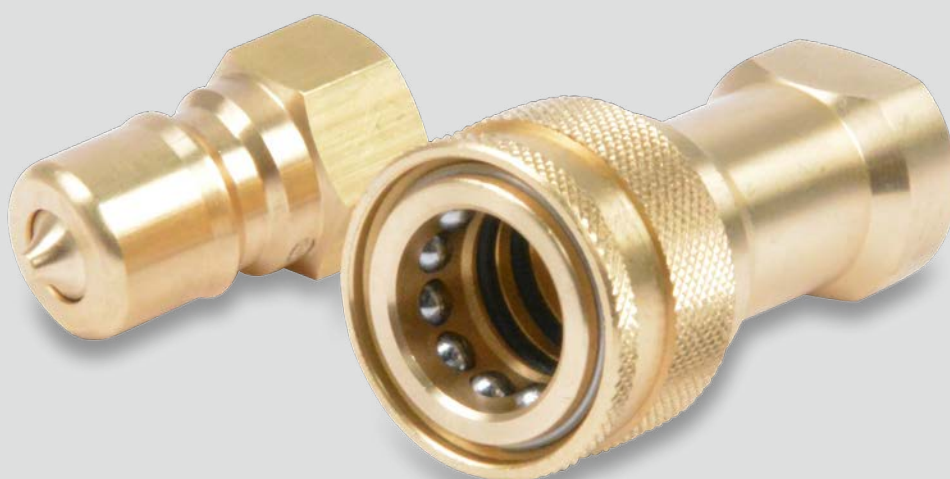


FLEXQ
CONNECTORS

PPT
ISO 7241-1 Serie B



LINKING PRECISION WITH PERFORMANCE

**PPT, the multi purpose quick coupling
system for air, fluids and hydraulic applications**

**PPT, das universal Kupplungssystem für
Pneumatik-, Fluid- und Hydraulik-Anwendungen**

Characteristics / Eigenschaften

- | | |
|----------------------------------|---------------------------|
| - Optimized flow characteristics | - Optimierter Durchfluss |
| - Ergonomic design | - Ergonomisches Design |
| - Wide flow size range | - Große Nennweiten |
| - Available in stainless steel | - In Edelstahl erhältlich |
| - ISO profile | - ISO Profil |

Safe and quick locking / Schnelle und sichere Verriegelung

Depending on the size, the balls provide a reliable locking.
The locking sleeve is ergonomic designed - thanks to this properties PPT series become a comfortable and safe quick connecting and disconnecting coupling system.

Je nach Größe sorgen die Kugeln für eine zuverlässige Verriegelung. Die Verriegelungshülse ist ergonomisch gestaltet. Dank dieser Eigenschaften wird die PPT-Serie zu einem komfortablen Schnellkupplungssystem und garantiert sicheres Ein- und Auskuppeln.

PPT
ISO 7241-1



SERIE PPT

MULTI PURPOSE

-- ISO 7241-1 SERIE B --

OPTIONS / OPTIONEN

- Stainless Steel
- High Temperature
- Edelstahl
- Hochtemperatur Dichtung

USING AREAS / EINSATZBEREICHE

- On thermo regulation
- Injection moulding industries
- Temperierung
- Kunststoffindustrie

Materials

Body Socket	Brass
Body Plug	Brass
Sleeve	Brass
Valve	-
Locking Ring	Stainless steel
Spring	Stainless steel
Balls	Stainless steel
Seals	Nitrile (N)

Materialien

Kupplungskörper	Messing
Stecker	Messing
Hülse	Messing
Ventil	-
Sprengring	Edelstahl
Feder	Edelstahl
Kugeln	Edelstahl
Dichtungen	Nirtil (NBR)



Temperature range / Temperaturbereich

Nitril (NBR)	N	- 15 °C +100 °C
Fluor Carbon (FPM)	V	- 20 °C +180 °C
Ethylene Propylene	EPDM	- 40 °C +150 °C

Make sure no medium flows before disconnecting / Stellen Sie vor dem Trennen sicher, dass kein Medium fließt



Flow Size
Nennweiten mm



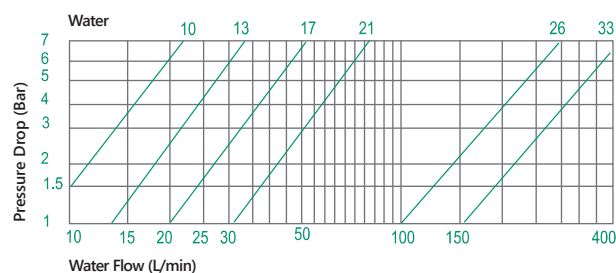
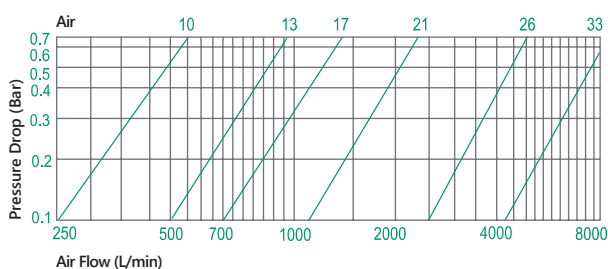
Pressure
Druck bar

See table page 74
Siehe Tabelle Seite 74

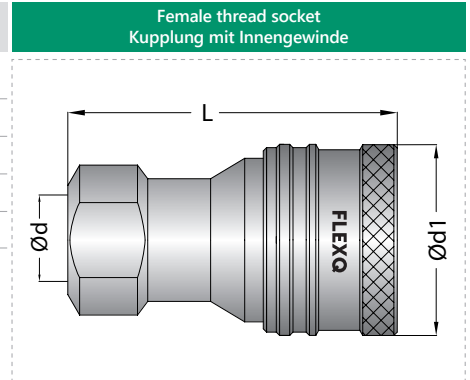


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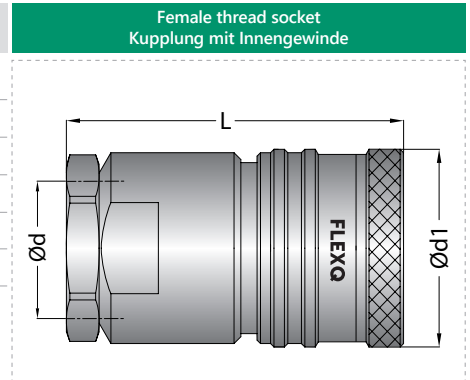
Serie PPT - Flow Rate & Pressure Drop Graph / Durchfluss- und Druckabfalldiagramm



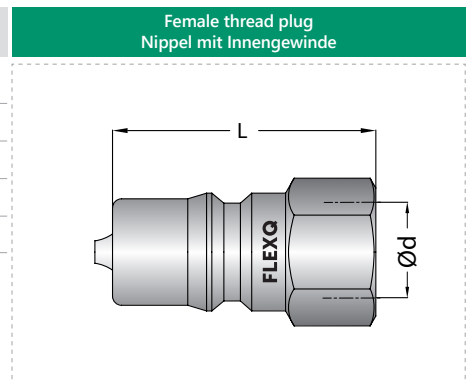
Size	With Valve / Mit Ventil	Without Valve / Ohne Ventil	Ød	Ød1	L	HEX
4	PPT 04 FFB 18	PPT 04 FFF 18	BSP 1/8	25	49	14
8	PPT 08 FFB 14	PPT 08 FFF 14	BSP 1/4	29	58	19
10	PPT 10 FFB 38	PPT 10 FFF 38	BSP 3/8	35	64	22
13	PPT 13 FFB 12	PPT 13 FFF 12	BSP 1/2	44	74	27
16	PPT 16 FFB 34	PPT 16 FFF 34	BSP 3/4	53	94	36
19	PPT 19 FFB 10	PPT 19 FFF 10	BSP 1	60	106	41

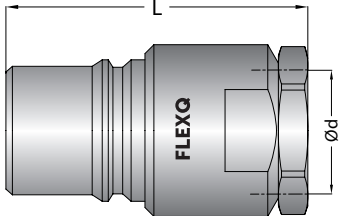


Size	With Valve / Mit Ventil	Without Valve / Ohne Ventil	Ød	Ød1	L	HEX
32	BFF 32 FFB 10	PPT 32 FFF 10	BSP 1	70	114	60
32	BFF 32 FFB 114	PPT 32 FFF 114	BSP 1-1/4	70	114	60
32	BFF 32 FFB 112	PPT 32 FFF 112	BSP 1-1/2	70	114	60
38	BFF 38 FFB 114	PPT 38 FFF 114	BSP 1-1/4	75	126	65
38	BFF 38 FFB 112	PPT 38 FFF 112	BSP 1-1/2	75	126	65
50	BFF 50 FFB 20	PPT 50 FFF 20	BSP 2	105	142	90
50	BFF 50 FFB 212	PPT 50 FFF 212	BSP 2-1/2	110	167	100



Size	With Valve / Mit Ventil	Without Valve / Ohne Ventil	Ød	L	HEX
4	PPT 04 MFB 18	PPT 04 MFF 18	BSP 1/8	30	14
8	PPT 08 MFB 14	PPT 08 MFF 14	BSP 1/4	35	19
10	PPT 10 MFB 38	PPT 10 MFF 38	BSP 3/8	39	22
13	PPT 13 MFB 12	PPT 13 MFF 12	BSP 1/2	36	27
16	PPT 16 MFB 34	PPT 16 MFF 34	BSP 3/4	60	36
19	PPT 19 MFB 10	PPT 19 MFF 10	BSP 1	65	41



Female thread plug Nippel mit Innengewinde		Size	With Valve / Mit Ventil	Without Valve / Ohne Ventil	Ød	L	HEX
		32	PPT 32 MFB 10	PPT 32 MFF 10	BSP 1	114	60
		32	PPT 32 MFB 114	PPT 32 MFF 114	BSP 1-1/4	114	60
		32	PPT 32 MFB 112	PPT 32 MFF 112	BSP 1-1/2	114	60
		38	PPT 38 MFB 114	PPT 38 MFF 114	BSP 1-1/4	126	65
		38	PPT 38 MFB 112	PPT 38 MFF 112	BSP 1-1/2	126	65
		50	PPT 50 MFB 20	PPT 50 MFF 20	BSP 2	142	90
		50	PPT 50 MFB 212	PPT 50 MFF 212	BSP 2-1/2	167	100

Technical Specifications			Working Pressure / Betriebsdruck				
Size	Brass - Messing		Steel - Stahl		Stainless steel - Edelstahl (AISI 303 / AISI 316)		
	Bar	PSI	Bar	PSI	Bar	PSI	
 PPT 04	BSP 1/8	210	3045	300	4350	300	4350
 PPT 08	BSP 1/4	185	2685	300	4350	300	4350
 PPT 10	BSP 3/8	150	2200	280	4050	280	4050
 PPT 13	BSP 1/2	160	2320	280	4050	280	4050
 PPT 16	BSP 3/4	138	2000	250	3625	250	3625
 PPT 19	BSP 1	105	1500	230	3350	230	3350
 PPT 32	BSP 1-1/4	85	1250	120	1750	120	1750
 PPT 38	BSP 1-1/2	105	1500	150	2175	150	2175
 PPT 50	BSP 2	50	725	104	4200	104	4200

FLEXQ

■ MONOCOUPPLINGS FOR FLUIDS / SERIES PPT



LINKING PRECISION WITH PERFORMANCE

QUICK COUPLING SOLUTIONS

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