

Temperature Range - Temperaturbereich

Nitrile (N)	-20°C + 110°C (-4°F + 230°F)
FPM (V)	-20°C + 180°C (-4°F + 356°F)
EPDM (Ethylene Propylene)	-40°C + 150°C (-40°F + 302°F)
PTFE (T)	-20°C + 270°C (-4°F + 518°F)
FFKM (W)	-20°C + 325°C (-4°F + 617°F)

Flow size - Nennweite

rtc type 173.03	3 mm
rtc type 173.06	5.5 mm
rtc type 173.08	8 mm
rtc type 173.11	11 mm
rtc type 173.19	19 mm

Standard Types:

Material

Socket body; AISI 303 stainless steel
others are mostly 17% chromium steel

Socket back adaptor; Steel Zink Plated

IA Types:

Material

Socket body; AISI 303 stainless steel
Socket back adaptor; AISI 303 stainless steel

Plug body high resistance stainless steel

HL & HG Types:

Material

Socket body; AISI 303 stainless steel
Socket back adaptor; AISI 303 stainless steel
Others parts mainly AISI 316L stainless steel

Plug body high resistance stainless steel

HI Types:

Material

Socket body; AISI 316L stainless steel

Plug body high resistance stainless steel

IC Types:

Material

AISI 316L stainless steel

VA Types:

Vacuum

Vacuum tightness: $1 \cdot 10^{-3} \text{ cm}^3 / \text{s}$.
in connected and disconnected position.

Standardtypen:

Material

Kupplung Grundkörper aus Edelstahl AISI 303
andere sind meist 17% Chromstahl

Kupplung Hinterteil: Stahl verzinkt

IA Typen:

Material

Kupplung Grundkörper; AISI 303 Edelstahl
Kupplung Hinterteil, AISI 303 Edelstahl

Nippel Grundkörper aus widerstandsfähigen Edelstahl

HL & HG Typen:

Material

Kupplung Grundkörper; AISI 303 Edelstahl
Kupplung Hinterteil, AISI 303 Edelstahl
Andere Teile hauptsächlich aus Edelstahl AISI 316L

Nippel Grundkörper aus widerstandsfähigen Edelstahl

HI Typen:

Material

Kupplung Grundkörper; Edelstahl AISI 316L

Nippel Grundkörper aus widerstandsfähigen Edelstahl

IC Typen:

Material

Edelstahl AISI 316L

VA Typen:

Vakuum

Vakuumdichtigkeit: $1 \cdot 10^{-3} \text{ cm}^3 / \text{s}$.
in Verbindung und Trennstellung.



Docking Coupling
Andock Kupplung

Using Area

- On temperature regulation applications with air, hot or cold water, etc.
- Injection moulding industries.
- On steam line.
- Docking systems.

Anwendungsbereiche

- Werkzeugtemperierung / Kühlung. Luft, kalt oder Heisswasser
- Kunststoffindustrie
- Dampfanwendungen
- Andocksyste

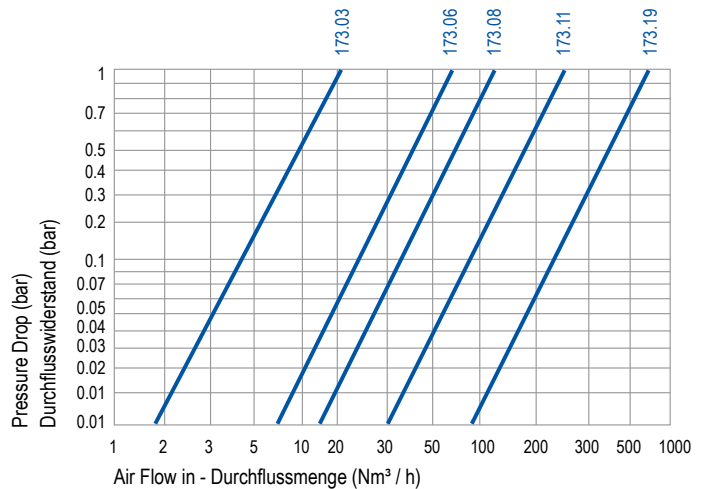
173
rtc TYPE



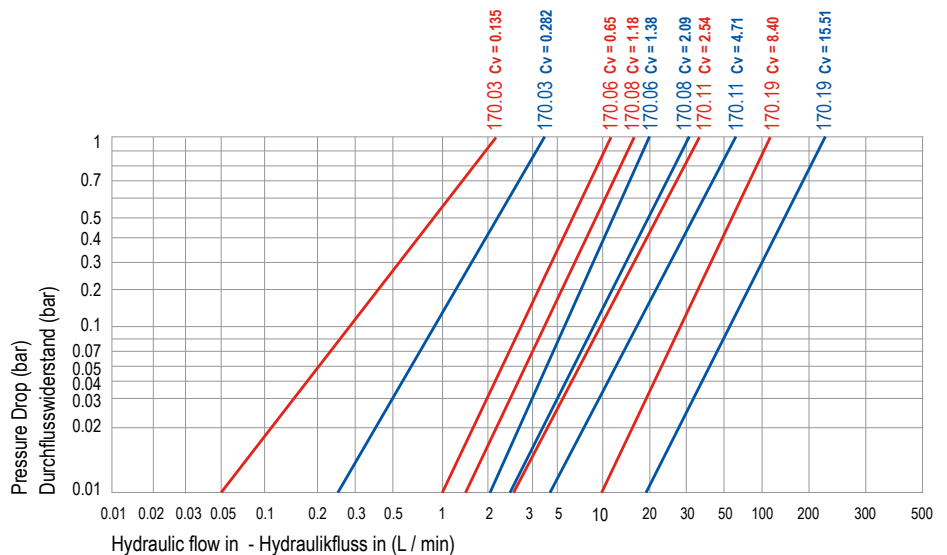
Nominal Ø Nennweite Ø	Flow Area Fläche	Maximum Working Pressure (Bar) - Maximaler Betriebsdruck (Bar)						
		Standart Type	IA Type	IC Type	HL Type	HG Type	HI Type	VA Type
3 mm	7 mm ²	50	50	250	400	400	400	10 ⁻³ torr
5.5 mm	24 mm ²	50	50	250	450	450	450	10 ⁻³ torr
8 mm	50 mm ²	50	50	250	400	400	400	10 ⁻³ torr
11 mm	95 mm ²	50	50	200	350	350	350	10 ⁻³ torr
19 mm	284 mm ²	50	50	200	300	300	300	10 ⁻³ torr

Pneumatic charts flow rate Pressure
Drop from the single shut-off system

Durchflussdiagramm Pneumatik
Druckabfall Version einseitig absperrend

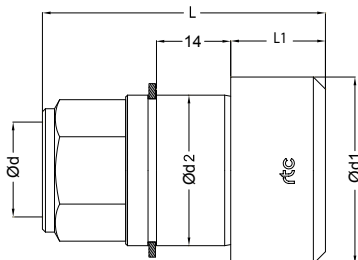


Hydraulic charts flow rate, pressure drop
Durchflussdiagramm Hydraulik, Druckabfall





Socket / Kupplung	Size Größe (mm)				Ød	Ød1	Ød2	L	L1	HEX
		Order No / Bestellnr. Single Shut-off Einseitig Absperrend	Order No / Bestellnr. Double Shut-off Beidseitig Absperrend	Order No / Bestellnr. Thru-Flow Nicht Absperrend						
	03	173.03 SFO 10	173.03 SFB 10	173.03 SFF 10	BSP 1/8	22	16	42.5	9	14
		173.03 SNO 10	173.03 SNB 10	173.03 SNF 10	NPT 1/8	22	16	42.5	9	14
		173.03 SUO 1120	173.03 SUB 1120	173.03 SUF 1120	UNF 7/16-20	22	16	42.5	9	14
	06	173.06 SFO 10	173.06 SFB 10	173.06 SFF 10	BSP 1/8	32	26	49.5	20.5	22
		173.06 SFO 13	173.06 SFB 13	173.06 SFF 13	BSP 1/4	32	26	52.5	20.5	22
		173.06 SFO 17	173.06 SFB 17	173.06 SFF 17	BSP 3/8	32	26	60.5	20.5	22
		173.06 SFO 21	173.06 SFB 21	173.06 SFF 21	BSP 1/2	32	26	63.5	20.5	24
		173.06 SNO 10	173.06 SNB 10	173.06 SNF 10	NPT 1/8	32	26	47.5	20.5	22
		173.06 SNO 13	173.06 SNB 13	173.06 SNF 13	NPT 1/4	32	26	51.5	20.5	22
		173.06 SNO 17	173.06 SNB 17	173.06 SNF 17	NPT 3/8	32	26	60.5	20.5	22
		173.06 SUO 1418	173.06 SUB 1418	173.06 SUF 1418	UN 9/16-18	32	26	59.5	20.5	22
	08	173.08 SFO 13	173.08 SFB 13	173.08 SFF 13	BSP 1/4	38	32	65	20	27
		173.08 SFO 17	173.08 SFB 17	173.08 SFF 17	BSP 3/8	38	32	65	20	27
		173.08 SFO 21	173.08 SFB 21	173.08 SFF 21	BSP 1/2	38	32	74	20	27
		173.08 SNO 13	173.08 SNB 13	173.08 SNF 13	NPT 1/4	38	32	64	20	27
		173.08 SNO 17	173.08 SNB 17	173.08 SNF 17	NPT 3/8	38	32	64	20	27
		173.08 SNO 21	173.08 SNB 21	173.08 SNF 21	NPT 1/2	38	32	74	20	27
		173.08 SUO 1916	173.08 SUB 1916	173.08 SUF 1916	UN 3/4-16	38	32	76.5	20	27
	11	173.11 SFO 17	173.11 SFB 17	173.11 SFB 17	BSP 3/8	45	38	76	14.4	32
		173.11 SFO 21	173.11 SFB 21	173.11 SFB 21	BSP 1/2	45	38	78	14.4	32
		173.11 SFO 26	173.11 SFB 26	173.11 SFB 26	BSP 3/4	45	38	86	14.4	34
		173.11 SNO 17	173.11 SNB 17	173.11 SNB 17	NPT 3/8	45	38	74	14.4	32
		173.11 SNO 21	173.11 SNB 21	173.11 SNB 21	NPT 1/2	45	38	76	14.4	32
		173.11 SNO 26	173.11 SNB 26	173.11 SNB 26	NPT 3/4	45	38	80	14.4	34
		173.11 SUO 2214	173.11 SUB 2214	173.11 SUB 2214	UN 7/8-14	45	38	86	14.4	32
	19	173.19 SFO 26	173.19 SFB 26	173.19 SFF 26	BSP 3/4	60	54	119	9	46
		173.19 SFO 33	173.19 SFB 33	173.19 SFF 33	BSP 1	60	54	121	9	46
		173.19 SNO 26	173.19 SNB 26	173.19 SNF 26	NPT 3/4	60	54	123	9	46
		173.19 SNO 33	173.19 SNB 33	173.19 SNF 33	NPT 1	60	54	125	9	46





Plug / Nippel

Size Größe (mm)	Order No / Bestellnr. Double Shut-off Beidseitig Absperrend	Order No / Bestellnr. Thru-Flow Nicht Absperrend	Ød	Ød1	L	L1	HEX
03	173.03 PFB 10	173.03 PFF 10	BSP 1/8	15.8	51	29	14
	173.03 PNB 10	173.03 PNF 10	NPT 1/8	15.8	51	29	14
	173.03 PUB 1120	173.03 PUF 1120	UNF 7/16-20	15.8	56	29	14
06	173.06 PFB 10	173.06 PFF 10	BSP 1/8	16	65	43	17
	173.06 PFB 13	173.06 PFF 13	BSP 1/4	16	72	43	17
	173.06 PFB 17	173.06 PFF 17	BSP 3/8	16	72	43	22
	173.06 PNB 10	173.06 PNF 10	NPT 1/8	16	67	43	17
	173.06 PNB 13	173.06 PNF 13	NPT 1/4	16	72	43	17
	173.06 PNB 17	173.06 PNF 17	NPT 3/8	16	72	43	22
	173.06 PFB 1615	173.06 PFF 1615	M16x1.5	16	72	43	19
	173.06 PUB 1418	173.06 PUF 1418	UN 9/16-18	16	72	43	17
08	173.08 PFB 13	173.08 PFF 13	BSP 1/4	21.5	80	52	24
	173.08 PFB 17	173.08 PFF 17	BSP 3/8	21.5	80	52	24
	173.08 PFB 21	173.08 PFF 21	BSP 1/2	21.5	82	52	24
	173.08 PNB 13	173.08 PNF 13	NPT 1/4	21.5	80	52	24
	173.08 PNB 17	173.08 PNF 17	NPT 3/8	21.5	80	52	24
	173.08 PNB 21	173.08 PNF 21	NPT 1/2	21.5	84	52	24
	173.08 PUB 1916	173.08 PUF 1916	UN 3/4-16	21.5	84	52	24
11	173.11 PFB 13	173.11 PFF 13	BSP 1/4	26.4	90	62.5	30
	173.11 PFB 17	173.11 PFF 17	BSP 3/8	26.4	90	62.5	30
	173.11 PFB 21	173.11 PFF 21	BSP 1/2	26.4	94	62.5	30
	173.11 PFB 26	173.11 PFF 26	BSP 3/4	26.4	99	62.5	34
	173.11 PNB 17	173.11 PNF 17	NPT 3/8	26.4	90	62.5	30
	173.11 PNB 21	173.11 PNF 21	NPT 1/2	26.4	94	62.5	30
	173.11 PNB 26	173.11 PNF 26	NPT 3/4	26.4	99	62.5	34
	173.11 PUB 2214	173.11 PUF 2214	UN 7/8-14	26.4	97	62.5	30
19	173.19 PFB 26	173.19 PFF 26	BSP 3/4	39	132	88	41
	173.19 PFB 33	173.19 PFF 33	BSP 1	39	139	88	41
	173.19 PNB 26	173.19 PNF 26	NPT 3/4	39	132	88	41
	173.19 PNB 33	173.19 PNF 33	NPT 1	39	139	88	41
	173.19 PUB 3312	173.19 PUF 3312	UN 1-5/16-12	39	139	88	41

