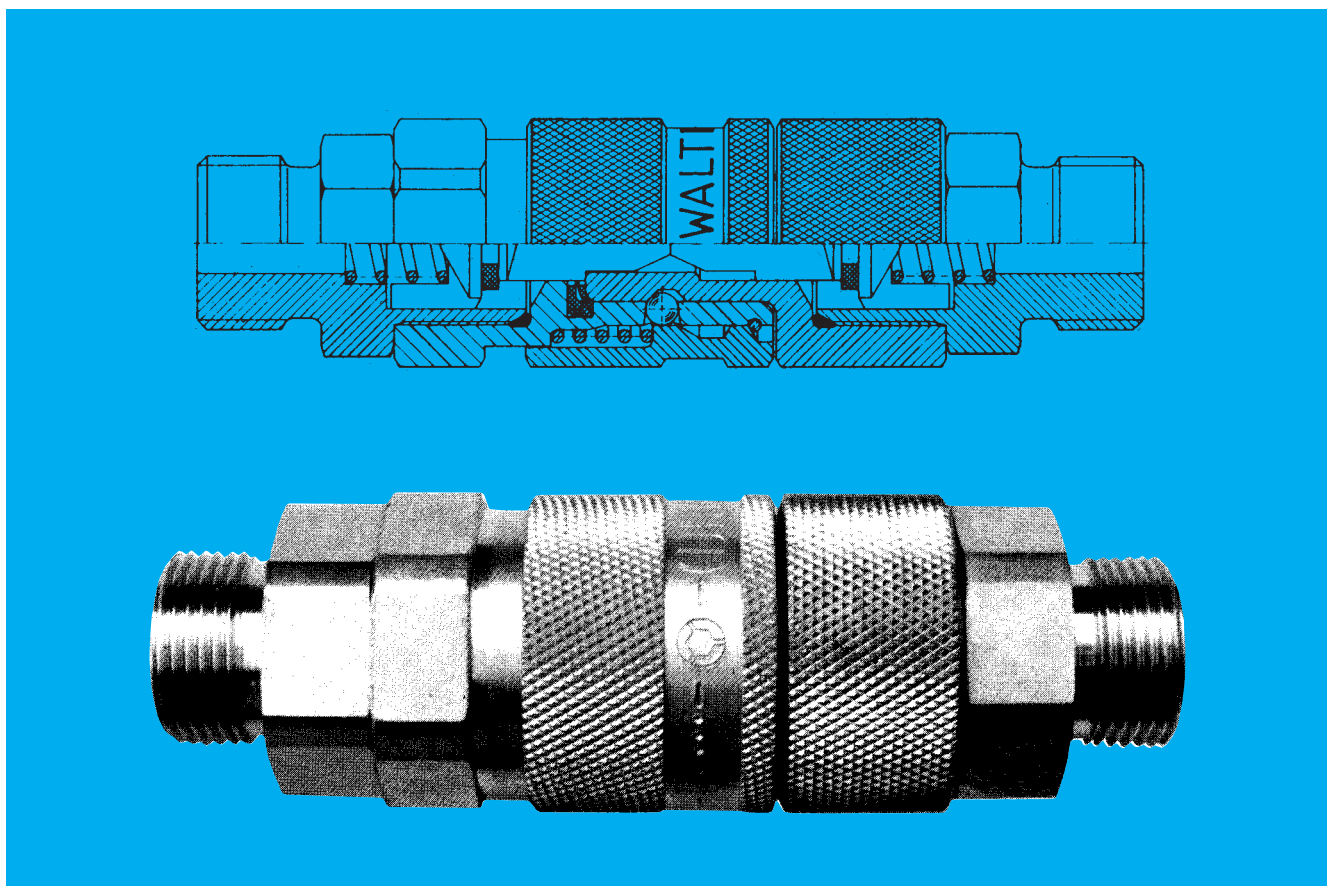


Nom. bore	Type	Max. static working pressure [bar/psi]			C _v value		Cross section [mm ²]	Page
		steel	brass	st. st.	both sides self sealing	one side self sealing		
2.5	06-003	–	100	–	–	0.165	5	10
2.5	LP-002	–	20	–	–	0.09	6	11
3	LP-003	–	200	–	–	0.21	8	12
3	07-003	–	200	200	0.14	–	7.1	13
4	LP-004	60	20	20	0.3	0.36	13	14
4	LV-004	–	20	20	0.3	–	13	15
6	LP-006	60	40	40	0.73	1.0	30	16 – 17
6	SP-006	100	60	60	0.73	1.0	30	18 – 19
7	LP-007	50	40	40	0.95	1.25	40	20 – 21
9	SP-009	100	40	40	1.83	2.41	64	22 – 23
12	LP-012	50	30	30	3.25	4.34	120	24 – 25
19	LP-019	50	30	30	7.5	11.2	300	26 – 27
32	LP-032	30	30	30	23.8	29.4	800	28 – 29
50	LP-050	30	20	20	59	68	2000	30 – 31
Performance diagrams								32 – 33
Multiway connectors								34

Types LP-006, SP-006, LP-007, SP-009 and LP-012 in stainless steel are supplied with gripping grooves instead of knurling as a standard feature



characteristic features:
 - automatic lock (one hand operation)
 - mini coupling

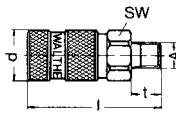
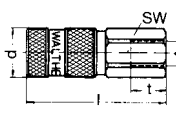
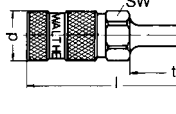
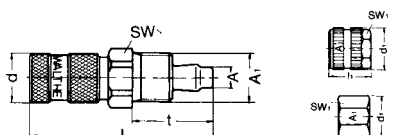
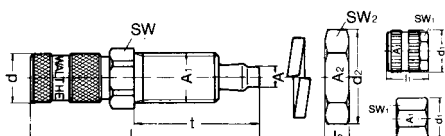
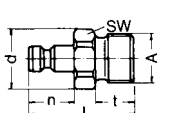
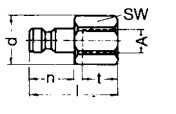
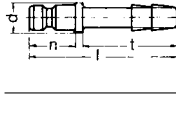
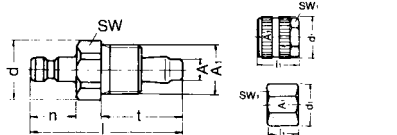
materials:
standard:
 23 = brass, nickel plated

seal qualities:
 1 = NBR (Perbunan)
 2 = FPM (Viton)
 4 = EPDM

optional features:
 OV = without valve
 (no one hand operation)

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

		Part No.	Conne- tion A	brass nickel plated	$\frac{A_1}{A_2}$	SW	$\frac{SW_1}{SW_2}$	l	$\frac{l_1}{l_2}$	d	$\frac{d_1}{d_2}$	t	n	weight [g]
Self sealing couplings	 <p>end connection male thread M 5 for type 06-003</p>	06-003-0-XX001-23-	M 5	●		9		26,5		10		6		8
		06-003-0-XX010-23-	M 10	●		11		30,5		10		10		12
	 <p>female thread M 5 for type 06-003</p>	06-003-0-XX015-23-	M 5	●		9		28		10		7		11
		 <p>hose connection</p>	06-003-0-SL004-23-	4 mm	●		9		39,5		10		19	
	 <p>re-usable hose connection with swivel nut for plastic pipes</p>		06-003-0-SW003-23-	OD 5 ID 3 mm	●	M 7 x 0,5 —	9 —	$\frac{7}{—}$	32,5 —	$\frac{9}{—}$	10 —	$\frac{8}{—}$	12 —	
		06-003-0-SW004-23-	OD 6 ID 4 mm	●	M 10 x 1 —	11 —	$\frac{13}{—}$	36,5 —	$\frac{13,5}{—}$	10 —	$\frac{14,3}{—}$	16 —		21
 <p>re-usable hose connection with swivel nut for plastic pipes and with counter nut for bulkhead mounting, max. thickness 4 mm, for type 06-003</p>	06-003-0-XX017-23-	OD 5 ID 3 mm	○	M 7 x 0,5 M 7 x 0,5	9 11	$\frac{7}{11}$	45,5	$\frac{9}{3}$	10	$\frac{8}{12}$	25		24	
	06-003-0-XX006-23-	OD 6 ID 4 mm	●	M 10 x 1 M 10 x 1	11 17	$\frac{13}{17}$	45,5	$\frac{13,5}{5}$	10	$\frac{14,3}{18,9}$	25		25	
Thru type adaptors	 <p>end connection male thread M 5 for type 06-003</p>	06-003-1-XX001-23	M 5	●		9		19		9,9		6	9	4
		06-003-1-WR010-23	BSP 1/8"	●		11		21		12		8	9	6
	 <p>female thread M 5 for type 06-003</p>	06-003-1-XX015-23	M 5	●		9		18		9,9		7	9	5
		 <p>hose connection</p>	06-003-1-SL004-23	4 mm	●				29,5		6		19	9
	 <p>re-usable hose connection with swivel nut for plastic pipes</p>		06-003-1-SW003-23	OD 5 ID 3 mm	●	M 7 x 0,5 —	8 —	$\frac{7}{—}$	25 —	$\frac{9}{—}$	8,9 —	$\frac{8}{—}$	12 —	9
06-003-1-SW004-23		OD 6 ID 4 mm	●	M 10 x 1 —	11 —	$\frac{13}{—}$	29 —	$\frac{13,5}{—}$	12 —	$\frac{14,3}{—}$	16 —	9	17	

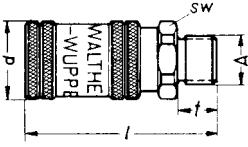
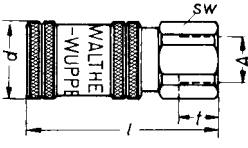
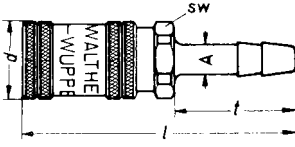
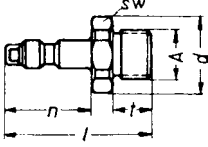
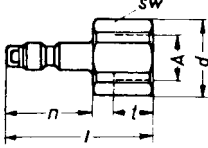
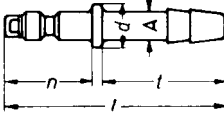
optional features:
OV = without valve

materials:
standa

seal qualities:
1 = NBR (Perbunan)
2 = FPM (Viton)
4 = EPDM

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ● Medium ○ Long

	Part No.	Conne- tion A	brass nickel plated	brass chrome plated				d	SW	l	t	n	weight [g]
Self sealing couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-002-0-WR010-...-	BSPP 1/8"	●	○			16	15	39	8		38
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-002-0-WR510-...-	BSPP 1/8"	●	○			16	15	39,5	9	
	 <p>hose connection hose connection</p>	LP-002-0-SL004-...-... LP-002-0-SL006-...-...	4 mm 6 mm	● ●	○ ○			16 16	15 15	56 56	19 25		
Thru type adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-002-1-WR010-..	BSPP 1/8"	●	○			16	15	30	8	17,5	13
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-002-1-WR510-..	BSPP 1/8"	●	○			16	15	30	11	17,5
	 <p>hose connection hose connection</p>	LP-002-1-SL004-... LP-002-1-SL006-...	4 mm 6 mm	● ●	○ ○			8 9		38,5 44,5	19 25	17,5 17,5	

characteristic features:
- automatic lock (one hand operation)

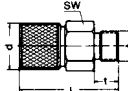
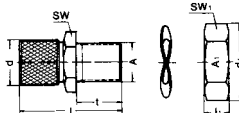
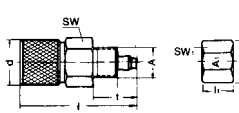
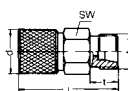
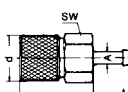
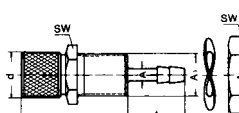
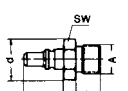
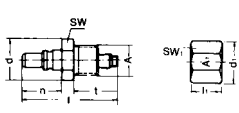
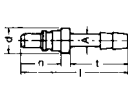
materials:
standard:
23 = brass, nickel plated

optional features:
OV = without valve

seal qualities:
1 = NBR (Perbunan)
2 = FPM (Viton)
4 = EPDM

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Connection A/ A ₁	brass nickel-plated	pipe od	n.b.	SF SF ₁	l	l ₁	d	d ₁	t	n	Weight [g]		
Self sealing couplings	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	LP-003-0-WR010-23-	BSPP 1/8"	●			14	32,5	15		8		32		
	 end connection male thread G 1/4 A to DIN ISO 228 for bulkhead mounting (max. thickness 2 mm), complete with counternut for type LP-003	LP-003-0-XX016-23-	BSPP 1/4"	○			17	22	34	6	15	23,9	15	46	
	 re-usable hose connection with swivel nut for plastic pipes	LP-003-0-SW004-23-	OD 6 ID 4 mm M 10 x 1	○			14	13	40,5	13,5	15	14,3	16	50	
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	LP-003-0-L0612-23-	M 12 x 1,5	○	6	4	14		34,5		15		10	38	
	 hose connection	LP-003-0-SL004-23-	4 mm	●			14		44,5		15		19	36	
	 end connection with 4 mm hose nozzle for bulkhead mounting (max. thickness 2 mm) complete with counternut M 14x1,5 for type LP-003	LP-003-0-XX004-23-	4 mm M 14 x 1,5	●			17	22	54,5	8	15	25,4	19	50	
Thru type adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	LP-003-1-WR010-23	BSPP 1/8"	●			12	25		13,8		8	13	9	
	 re-usable hose connection with swivel nut for plastic pipes	LP-003-1-SW004-23	OD 6 ID 4 mm M 10 x 1	○			12	13	33	13,5	13,2	14,3	16	13	17
	 hose connection	LP-003-1-SL004-23	4 mm	●					35		8		19	13	4

characteristic features:
- automatic lock (one hand operation)

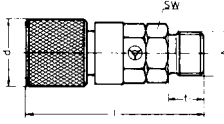
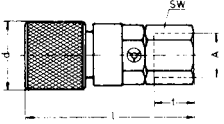
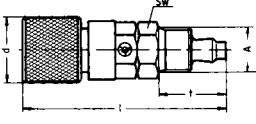
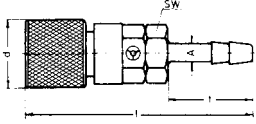
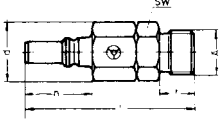
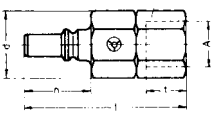
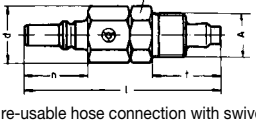
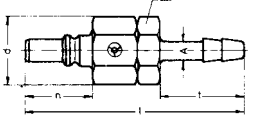
materials:
standard:
23 = brass, nickel plated

seal qualities:
1 = NBR (Perbunan)
2 = FPM (Viton)
4 = EPDM

special materials:
1 = stainless steel 1.4404/1.4571 or similar

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ● Medium ○ Long

	Part No.	Connection A/ A ₁	brass nickel plated	AISI 316 ti/1.4571	pipe od	n.b.	d	d ₁	SW SW ₁	l	l ₁	t	n	Weight [g]
Self sealing couplings	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	07-003-0-WR010-...-	BSPP 1/8"	●	○		15		12 —	39,8		8		32
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228	07-003-0-WR510-...-	BSPP 1/8"	○	○		15		12 —	37,8		9		30
	 re-usable hose connection with swivel nut for plastic pipes	07-003-0-SW004-...-	OD 6 ID 4 mm M 10 x 1	○	○		15	14,3	12 13	47,8	13,5	16		41
	 hose connection	07-003-0-SL004-...-	4 mm	○	○		15		12 —	51,8		19		32
Self sealing adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	07-003-2-WR010-...-	BSPP 1/8"	●	○		13,2		12 —	38		8	15	18
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228	07-003-2-WR510-...-	BSPP 1/8"	○	○		13,2		12 —	36		9	15	15
	 re-usable hose connection with swivel nut for plastic pipes	07-003-2-SW004-...-	OD 6 ID 4 mm M 10 x 1	○	○		13,2	14,3	12 13	46	13,5	16	15	27
	 hose connection	07-003-2-SL004-...-	4 mm	○	○		13,2		12 —	50		19	15	17

optional features:
OV = without valve

see also type LV-004 in extended version and with non squirt feature (in stainless steel or alternatively brass passivated)

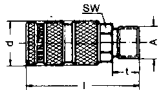
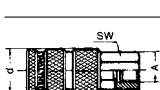
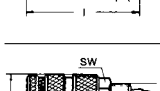
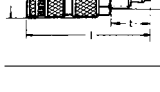
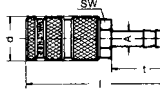
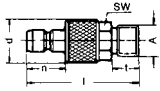
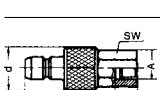
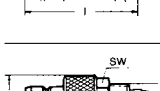
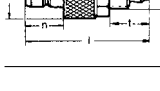
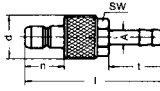
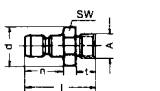
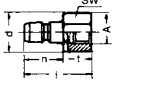
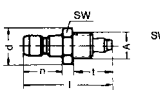
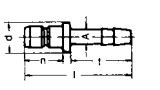
materials:
standard:
11 = steel, zinc plated
21 = brass, passivated
23 = brass, nickel plated

special materials:
31 = aluminium anodized silver
13 = steel, chem. nickel plated
24 = brass, chem. nickel plated

seal qualities:
1 = NBR (Perbunan)
2 = FPM (Viton)
4 = EPDM

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Connection A/ A ₁	steel zinc-plated	brass passivated	brass nickel-plated	pipe od	n.b.	d	d ₁	SF SF ₁	l l ₁	t	n	Weight [g]		
Self sealing couplings	 LP-004-0-WR010-... British standard pipe parallel (BSPP) male thread to DIN ISO 228	BSPP 1/8"	●	●	●			18		14 —	45,5 —	10		50		
	 LP-004-0-WR013-... British standard pipe parallel (BSPP) male thread to DIN ISO 228	BSPP 1/4"	●	●	○			18		14 —	46,5 —	11		55		
	 LP-004-0-WR510-... British standard pipe parallel (BSPP) female thread to DIN ISO 228	BSPP 1/8"	●	●	●			18		14 —	45,5 —	9		55		
	 LP-004-0-SW004-... re-usable hose connection with swivel nut for plastic pipes	OD 6 ID 4 mm M 10 x 1			●	○			18	14,3	14 13	51,5 13,5	16		60	
	 LP-004-0-SL004-... hose connection	4 mm		○	○	○			18		12 —	50 —	19	15	17	
		6 mm		●	●	●			18		14 —	60,5 —	25		50	
Self sealing adaptors	 LP-004-2-WR010-... British standard pipe parallel (BSPP) male thread to DIN ISO 228	BSPP 1/8"	●	●	●			18		14 —	45 —	10	16	36		
	 LP-004-2-WR013-... British standard pipe parallel (BSPP) male thread to DIN ISO 228	BSPP 1/4"	●	●	○			18		14 —	46 —	11	16	41		
	 LP-004-2-WR510-... British standard pipe parallel (BSPP) female thread to DIN ISO 228	BSPP 1/8"	●	●	●			18		14 —	45 —	9	16	41		
	 LP-004-2-SW004-... re-usable hose connection with swivel nut for plastic pipes	OD 6 ID 4 mm			●	○			18	14,3	14 13	51 13,5	16	16	45	
	 LP-004-2-SL004-... hose connection	4 mm		○	○	○			18		14 —	53 —	18	16	33	
		6 mm		●	●	●			18		14 —	60 —	25	16	36	
Thru type adaptors	 LP-004-1-WR010-... British standard pipe parallel (BSPP) male thread to DIN ISO 228	LP-004-1-WR013-... BSPP 1/4"	●	●	●			16,2		14 —	29 —	8	16	15		
		LP-004-1-WR013-... BSPP 1/4"	○	○	○			16,2		14 —	32 —	11	16	20		
		LP-004-1-4M010-... M 10 x 1		○	○			14,8		13 —	28 —	8	16	17		
	 LP-004-1-WR510-... British standard pipe parallel (BSPP) female thread to DIN ISO 228	BSPP 1/8"	○	○	○			16,2		14 —	29 —	9	16	18		
		 LP-004-1-SW004-... re-usable hose connection with swivel nut for plastic pipes	OD 6 ID 4 mm			○	○			13,2	14,3	12 13	37 13,5	16	16	22
			 LP-004-1-SL004-... hose connection	4 mm			○	○			12			37 —	18	16
6 mm		●		○	○			12			44 —	25	16	11		

characteristic features:

- extended version
- non squirt feature
- stainless steel version 1.4404/1.4571 or similar in smooth variant with gripping grooves instead of knurling

optional features:

OV = without valve

materials:
standard:

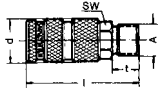
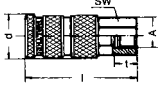
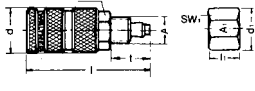
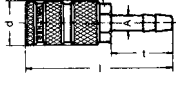
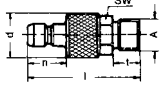
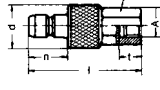
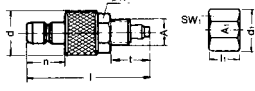
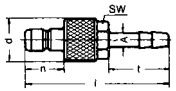
- 21 = brass, passivated
- 01 = stainless steel 1.4404/1.4571 or similar

seal qualities:

- 1 = NBR (Perbunan)
- 2 = FPM (Viton)
- 4 = EPDM

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ● Medium ○ Long

		Part No.	Connection A/ A ₁	brass passivated	AISI 316 ti/1.4571	pipe od	n.b.	d	d ₁	$\frac{AF}{AF_1}$	l	l ₁	t	n	Weight [g]
 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LV-004-0-WR010-...-	BSPP 1/8"	●	○			18			$\frac{14}{-}$	50,5		10		55
	LV-004-0-WR013-...-	BSPP 1/4"	●	○			18			$\frac{14}{-}$	51,5		11		60
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LV-004-0-WR510-...-	BSPP 1/8"	●	○			18			$\frac{14}{-}$	50,5		9		60
	 <p>re-usable hose connection with swivel nut for plastic pipes</p>	LV-004-0-SW004-...-	OD 6 ID 4 mm	●	○	6	4	18	14,3	14	$\frac{56,5}{13}$	13,5	16		65
 <p>hose connection</p>	LV-004-0-SL004-...-	4 mm	●	○			18			$\frac{14}{-}$	58,5		18		55
	LV-004-0-SL006-...-	6 mm	●	○			18			$\frac{14}{-}$	65,5		25		55
 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LV-004-2-WR010-...-	BSPP 1/8"	●	○			18			$\frac{14}{-}$	50		10	21	38
	LV-004-2-WR013-...-	BSPP 1/4"	●	○			18			$\frac{14}{-}$	51		11	21	43
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LV-004-2-WR510-...-	BSPP 1/8"	●	○			18			$\frac{14}{-}$	50		9	21	42
	 <p>re-usable hose connection with swivel nut for plastic pipes</p>	LV-004-2-SW004-...-	OD 6 ID 4 mm M 10 x 1	●	○			18	14,3	14	$\frac{14}{13}$	56	13,5	16	21
 <p>hose connection</p>	LV-004-2-SL004-...-	4 mm	●	○			18			$\frac{14}{-}$	58		18	21	35
	LV-004-2-SL006-...-	6 mm	●	○			18			$\frac{14}{-}$	65		25	21	38

Self sealing couplings

Self sealing adaptors

characteristic features:

- non squirt feature
- can be coupled with type KL-006 (plastic version)
- stainless steel version 1.4404/1.4571 or similar
- in smooth variant with gripping grooves instead of knurling

optional features:

- OV = without valve
- SI = with additional axial safety lock (outer diameter 29 mm)
- VH = with locking aid

materials:

- standard:**
- 11 = steel, zinc plated
- 21 = brass, passivated
- 22 = brass, chrome plated
- 01 = stainless steel 1.4404/1.4571 or similar

special materials:

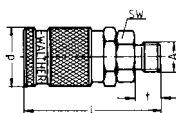
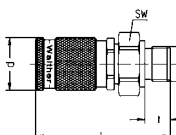
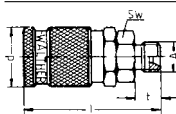
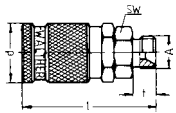
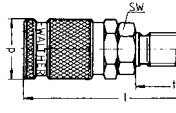
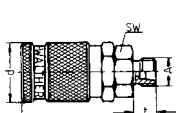
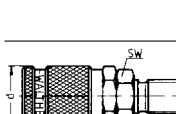
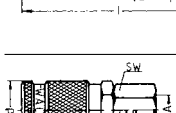
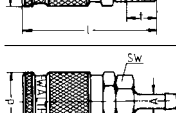
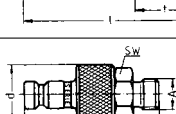
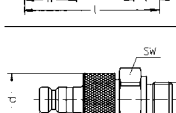
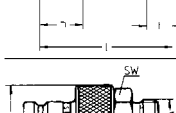
- 13 = steel, chem. nickel plated
- 24 = brass, chem. nickel plated
- 31 = aluminium anodized silver

seal qualities:

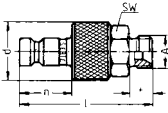
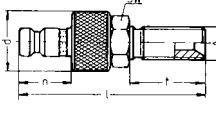
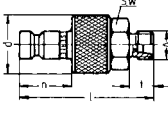
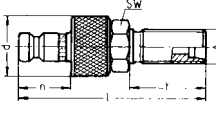
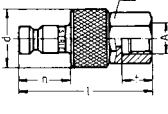
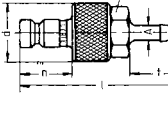
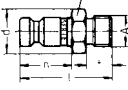
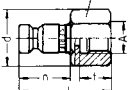
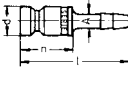
- 1 = NBR (Perbunan)
- 2 = FPM (Viton)
- 4 = EPDM

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- ction A	steel zinc plated	brass passivated	brass chrome plated	AISI 316 ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
Self sealing couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-006-0-WR013-...-	BSPP 1/4"	●	●	○				25	19	58	11		110	
		LP-006-0-WR017-...-	BSPP 3/8"	●	●	○					25	19	59	12		120
		LP-006-0-WR021-...-	BSPP 1/2"	●	●	○					25	22	62	15		140
	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228, sealing profile "E" to DIN 3852-11 for o-ring or sealing ring.</p>	LP-006-0-WE017-...-	BSPP 3/8"	○						25	27	64	12		160	
		 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	LP-006-0-VR013-...-	BSPP 1/4"	○		○			6	25	19	58	11		110
	LP-006-0-VR017-...-		BSPP 3/8"	○		○			6	25	19	59	12		120	
	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	LP-006-0-D0614-...-	M 14 x 1,5	○			○			6	25	19	57	10		110
		 <p>metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm</p>	LP-006-0-DV008-...-	M 14 x 1,5	○			○			6	25	19	79	32	
	 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>		LP-006-0-L0612-...-	M 12 x 1,5	○			○	L	6	4	25	19	57	10	110
			LP-006-0-L0814-...-	M 14 x 1,5	○			○	L	8	6	25	19	57	10	110
LP-006-0-L1016-...-			M 16 x 1,5	○			○	L	10	8	25	19	58	11	110	
LP-006-0-L1218-...-			M 18 x 1,5	○			○	L	12	10	25	19	58	11	110	
LP-006-0-S0816-...-			M 16 x 1,5	○			○	S	8	4	25	19	59	12	120	
LP-006-0-S1018-...-		M 18 x 1,5	○			○	S	10	6	25	19	59	12	120		
 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S), extended thread, max. bulkhead thickness 10 mm</p>	LP-006-0-LV008-...-	M 14 x 1,5	○			○	L	8	6	25	19	79	32	130		
	LP-006-0-XX211-...-	M 16 x 1,5	○			○	L	10	8	25	19	79	32	140		
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-006-0-WR513-...-	BSPP 1/4"	●	●	●	○			25	19	57	13		120		
	LP-006-0-WR517-...-	BSPP 3/8"	●	●	●	○			25	22	58	14		120		
	 <p>hose connection</p>	LP-006-0-SL006-...-	6 mm	●	●	○	○			25	19	72	25		110	
		LP-006-0-SL009-...-	9 mm	●	●	○	○			25	19	77	30		110	
LP-006-0-SL011-...-		11 mm	●	●	○	○			25	19	77	30		120		
LP-006-0-SL013-...-		13 mm	●	●	○	○			25	19	77	30		130		
Self sealing adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-006-2-WR013-...-	BSPP 1/4"	●	●	○			25	19	56	11	20	85		
		LP-006-2-WR017-...-	BSPP 3/8"	●	●	○			25	19	57	12	20	90		
		LP-006-2-WR021-...-	BSPP 1/2"	●	●	○			25	22	60	15	20	110		
	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228, sealing profile "E" to DIN 3852-11 for o-ring or sealing ring.</p>	LP-006-2-WE017-...-	BSPP 3/8"	○					25	27	62	12	20	130		
		 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	LP-006-2-VR013-...-	BSPP 1/4"	○			○		6	25	19	56	11	20	85
	LP-006-2-VR017-...-		BSPP 3/8"	○			○		6	25	19	57	12	20	90	

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc	brass	brass	brass	AISI 316 ti/	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
			plated	passivated	chrome plated	1.4571											
Self sealing adaptors	 metric male thread with 60° sealing cone to DIN 7631	LP-006-2-D0614-...-	M 14 x 1,5	●				○			6	25	19	55	10	20	85
	 metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm	LP-006-2-DV008-...-	M 14 x 1,5	○				○			6	25	19	77	32	20	100
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	LP-006-2-L0612-...-	M 12 x 1,5	●				○	L	6	4	25	19	55	10	20	80
		LP-006-2-L0814-...-	M 14 x 1,5	●				○	L	8	6	25	19	55	10	20	85
		LP-006-2-L1016-...-	M 16 x 1,5	●				○	L	10	8	25	19	56	11	20	85
		LP-006-2-L1218-...-	M 18 x 1,5	○				○	L	12	10	25	19	56	11	20	85
		LP-006-2-S0816-...-	M 16 x 1,5	○				○	S	8	4	25	19	57	12	20	90
		LP-006-2-S1018-...-	M 18 x 1,5	●				○	S	10	6	25	19	57	12	20	90
		LP-006-2-S1220-...-	M 20 x 1,5	●				○	S	12	8	25	22	57	12	20	100
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S), extended thread, max. bulkhead thickness 10 mm	LP-006-2-LV008-...-	M 14 x 1,5	●				○	L	8	6	25	19	77	32	20	100
LP-006-2-XX211-...-		M 16 x 1,5	○				○	L	10	8	25	19	77	32	20	110	
 British standard pipe parallel (BSPP) female thread to DIN ISO 228	LP-006-2-WR513-...-	BSPP 1/4"	●	●	●	○					25	19	55	13	20	90	
	LP-006-2-WR517-...-	BSPP 3/8"	●	●	●	○					25	22	56	14	20	95	
 hose connection	LP-006-2-SL006-...-	6 mm	●	●	●	○					25	19	70	25	20	80	
	LP-006-2-SL009-...-	9 mm	●	●	●	○					25	19	75	30	20	85	
	LP-006-2-SL011-...-	11 mm	●	●	●	○					25	19	75	30	20	90	
	LP-006-2-SL013-...-	13 mm	●	●	●	○					25	19	75	30	20	100	
Thru type adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	LP-006-1-WR010-..	BSPP 1/8"	●	○	○	○				15,5	14	34	8	20	22	
		LP-006-1-WR013-..	BSPP 1/4"	●	●	●	○				15,5	14	38	11	20	25	
		LP-006-1-WR017-..	BSPP 3/8"	●	●	○	○				21	19	40,5	12	20	39	
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228	LP-006-1-WR510-..	BSPP 1/8"	○	○	○	○					16,5	15	31	9	20	20
		LP-006-1-WR513-..	BSPP 1/4"	●	●	●	○					18,9	17	36	13	20	28
		LP-006-1-WR517-..	BSPP 3/8"	●	●	●	○					24	22	38	14	20	44
	 hose connection	LP-006-1-SL006-..	6 mm	●	●	●	○					12		46		20	16
		LP-006-1-SL009-..	9 mm	●	●	●	○					12		51		20	20
		LP-006-1-SL011-..	11 mm	●	●	●	○					16		53		20	31
LP-006-1-SL013-..		13 mm	●	●	●	○					16		53		20	41	

characteristic features:

- stainless steel version 1.4404/1.4571 or similar in smooth variant with gripping grooves instead knurling

optional features:

OV = without valve

materials:
standard:

11 = steel, zinc plated
 21 = brass, passivated
 22 = brass, chrome plated
 01 = stainless steel 1.4404/1.4571 or similar

special materials:

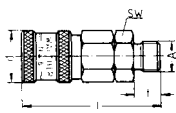
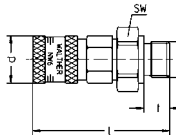
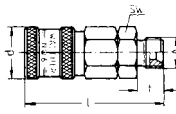
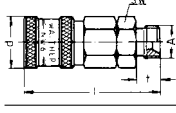
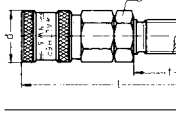
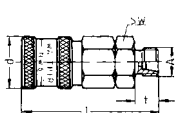
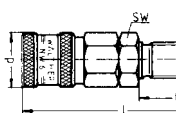
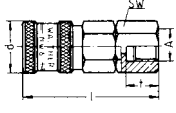
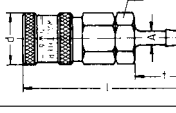
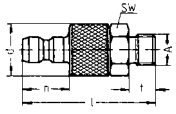
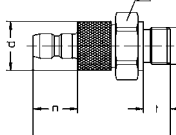
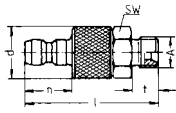
31 = aluminium anodized silver
 13 = steel, chem. nickel plated
 24 = brass, chem. nickel plated

seal qualities:

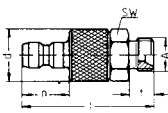
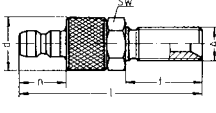
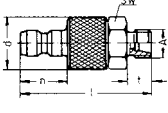
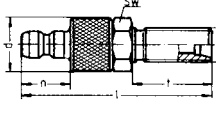
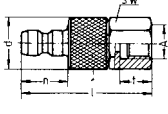
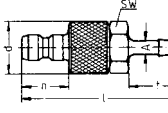
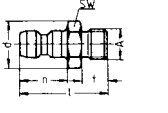
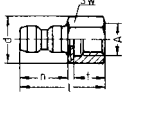
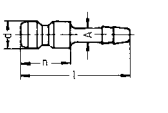
1 = NBR (Perbunan)
 2 = FPM (Viton)
 4 = EPDM

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Connec- tion A	steel zinc plated	brass passivated	brass chrome plated	AISI 316 ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
Self sealing couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	SP-006-0-WR013-...- SP-006-0-WR017-...- SP-006-0-WR021-...-	BSPP 1/4" BSPP 3/8" BSPP 1/2"	●	●	●	○			22	19	58	11		90	
					●	●	●	○			22	19	59	12		95
					●	●	●	○			22	22	62	15		120
	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228, sealing profile "E" to DIN 3852-11 for o-ring or sealing ring.</p>	SP-006-0-WE017-...-	BSPP 3/8"	●						22	27	64	12		130	
		 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	SP-006-0-VR013-...- SP-006-0-VR017-...-	BSPP 1/4" BSPP 3/8"	○			○		6	22	19	58	11		90
					○			○		6	22	19	59	12		95
	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	SP-006-0-D0614-...-	M 14 x 1,5	○						6	22	19	57	10		85
		 <p>metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm</p>	SP-006-0-DV008-...-	M 14 x 1,5	○						6	22	19	79	32	
	 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>		SP-006-0-L0612-...- SP-006-0-L0814-...- SP-006-0-L1016-...- SP-006-0-L1218-...- SP-006-0-S0816-...- SP-006-0-S1018-...- SP-006-0-S1220-...-	M 12 x 1,5 M 14 x 1,5 M 16 x 1,5 M 18 x 1,5 M 16 x 1,5 M 18 x 1,5 M 20 x 1,5	●			○	L	6	4	22	19	57	10	85
						●			○	L	8	6	22	19	57	10
					●			○	L	10	8	22	19	58	11	90
					○			○	L	12	10	22	19	58	11	90
					○			○	S	8	4	22	19	59	12	90
					○			○	S	10	6	22	19	59	12	95
					●			○	S	12	8	22	22	59	12	100
 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S), extended thread, max. bulkhead thickness 10 mm</p>	SP-006-0-LV008-...- SP-006-0-XX211-...-	M 14 x 1,5 M 16 x 1,5	●			○	L	8	6	22	19	79	32	100		
				○			○	L	10	8	22	19	79	32	110	
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	SP-006-0-WR513-...- SP-006-0-WR517-...-	BSPP 1/4" BSPP 3/8"	●	●	●	○			22	19	57	13		95		
				●	●	●	○			22	22	58	14		100	
	 <p>hose connection</p>	SP-006-0-SL006-...- SP-006-0-SL009-...- SP-006-0-SL011-...- SP-006-0-SL013-...-	6 mm 9 mm 11 mm 13 mm	●	●	●	○			22	19	72	25		85	
					●	●	●	○			22	19	77	30		90
				●	●	●	○			22	19	77	30		95	
				●	●	●	○			22	19	77	30		110	
Self sealing adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	SP-006-2-WR013-...- SP-006-2-WR017-...- SP-006-2-WR021-...-	BSPP 1/4" BSPP 3/8" BSPP 1/2"	●	●	●	○			22	19	56	11	20	70	
					●	●	●	○			22	19	57	12	20	75
					●	●	●	○			22	22	60	15	20	100
	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228, sealing profile "E" to DIN 3852-11 for o-ring or sealing ring.</p>	SP-006-2-WE017-...-	BSPP 3/8"	●						22	27	62	12	20	110	
		 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	SP-006-2-VR013-...- SP-006-2-VR017-...-	BSPP 1/4" BSPP 3/8"	○			○			6	22	19	56	11	20
					○			○		6	22	19	57	12	20	75

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc	brass	brass	brass	AISI 316 ti/	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
			plated	passivated	chrome plated	1.4571											
Self sealing adaptors	 metric male thread with 60° sealing cone to DIN 7631	SP-006-2-D0614-...-	M 14 x 1,5	○				○			6	22	19	55	10	20	70
	 metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm	SP-006-2-DV008-...-	M 14 x 1,5	○				○			6	22	19	77	32	20	90
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	SP-006-2-L0612-...-	M 12 x 1,5	●				○	L	6	4	22	19	55	10	20	70
		SP-006-2-L0814-...-	M 14 x 1,5	●				○	L	8	6	22	19	55	10	20	70
		SP-006-2-L1016-...-	M 16 x 1,5	●				○	L	10	8	22	19	56	11	20	70
		SP-006-2-L1218-...-	M 18 x 1,5	○				○	L	12	10	22	19	56	11	20	70
		SP-006-2-S0816-...-	M 16 x 1,5	○				○	S	8	4	22	19	57	12	20	75
		SP-006-2-S1018-...-	M 18 x 1,5	●				○	S	10	6	22	19	57	12	20	75
		SP-006-2-S1220-...-	M 20 x 1,5	●				○	S	12	8	22	22	57	12	20	85
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S), extended thread, max. bulkhead thickness 10 mm	SP-006-2-LV008-...-	M 14 x 1,5	●				○	L	8	6	22	19	77	32	20	85
SP-006-2-XX211-...-		M 16 x 1,5	○				○	L	10	8	22	19	77	32	20	95	
 British standard pipe parallel (BSPP) female thread to DIN ISO 228	SP-006-2-WR513-...-	BSPP 1/4"	●	●	●	●	○				22	19	55	13	20	75	
	SP-006-2-WR517-...-	BSPP 3/8"	●	●	●	○					22	22	56	14	20	80	
 hose connection	SP-006-2-SL006-...-	6 mm	●	●	●	○					22	19	70	25	20	70	
	SP-006-2-SL009-...-	9 mm	●	●	●	○					22	19	75	30	20	70	
	SP-006-2-SL011-...-	11 mm	●	●	●	○					22	19	75	30	20	80	
	SP-006-2-SL013-...-	13 mm	●	●	●	○					22	19	75	30	20	90	
 British standard pipe parallel (BSPP) male thread to DIN ISO 228	SP-006-1-WR010-...-	BSPP 1/8"	●	●	●	○					15,5	14	34	8	20	20	
	SP-006-1-WR013-...-	BSPP 1/4"	●	●	●	○					15,5	14	37	11	20	23	
	SP-006-1-WR017-...-	BSPP 3/8"	●	●	●	○					21,9	19	38	12	20	37	
 British standard pipe parallel (BSPP) female thread to DIN ISO 228	SP-006-1-WR513-...-	BSPP 1/4"	●	●	●	○					19,6	17	36	13	20	26	
	SP-006-1-WR517-...-	BSPP 3/8"	●	●	●	○					24	22	37	14	20	40	
 hose connection	SP-006-1-SL006-...-	6 mm	●	●	●	○					11		46		20	13	
	SP-006-1-SL009-...-	9 mm	●	●	●	○					11		51		20	18	

characteristic features:

- non squirt feature
- stainless steel version 1.440/1.4571 or similar in smooth variant with gripping grooves instead knurling

optional features:

- OV = without valve
- S = with additional axial safety lock (outer diameter 34 mm)
- VH = with locking aid

materials:

- standard:**
- 11 = steel, zinc plated
 - 21 = brass, passivated
 - 22 = brass, chrome plated
 - 01 = stainless steel 1.4404/1.4571 or similar

special materials:

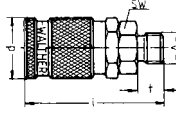
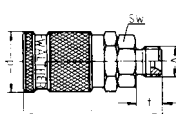
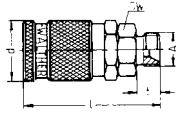
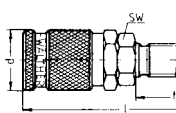
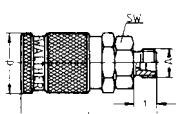
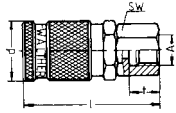
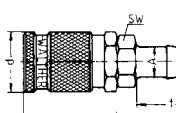
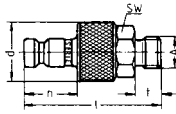
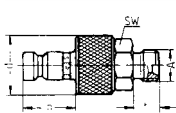
- 13 = steel, chem. nickel plated
- 24 = brass, chem. nickel plated

seal qualities:

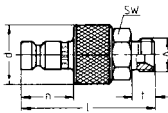
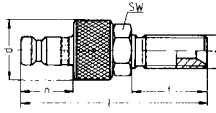
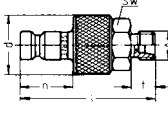
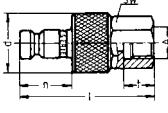
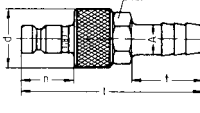
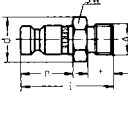
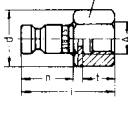

- 1 = NBR (Perbunan)
- 2 = FPM (Viton)
- 4 = EPDM

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc plated	brass passivated	brass chrome plated	AISI 316 ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]		
Self sealing couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-007-0-WR017-... LP-007-0-WR021-...	BSPP 3/8" BSPP 1/2"	● ●	● ●	○ ○				30 30	24 24	68 71	12 15		200 210		
		LP-007-0-WE017-...	BSPP 3/8"	○	○	○					30	27	71	12		220	
	 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	LP-007-0-VR017-...	BSPP 3/8"	○	○	○				7 30	24	68	12		190		
	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	LP-007-0-D0816-...	M 16 x 1,5	○	○	○				8 30	24	67	11		200		
	 <p>metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm</p>	LP-007-0-DV010-...	M 16 x 1,5	○	○	○				8 30	24	89,5	33,5		210		
	 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	LP-007-0-L0814-... LP-007-0-L1016-... LP-007-0-L1218-... LP-007-0-S1018-... LP-007-0-S1220-...	M 14 x 1,5 M 16 x 1,5 M 18 x 1,5 M 18 x 1,5 M 20 x 1,5	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○		L L L S S	8 10 12 10 12	6 30 8 30 10 30 6 30 8 30	24 24 24 24 24	66 67 67 68 68	10 11 11 12 12		190 190 190 200 200		
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-007-0-WR517-... LP-007-0-WR521-...	BSPP 3/8" BSPP 1/2"	● ●	● ●	○ ○				30 30	24 27	68 71	14 17		210 230	
			 <p>hose connection</p>	LP-007-0-SL009-... LP-007-0-SL011-... LP-007-0-SL013-...	9 mm 11 mm 13 mm	● ● ●	○ ● ○	○ ○ ○				30 30 30	24 24 24	86 86 86	30 30 30		200 200 210
		Self sealing adaptors		 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-007-2-WR017-... LP-007-2-WR021-...	BSPP 3/8" BSPP 1/2"	● ●	● ●	○ ○								150 170
					LP-007-2-WE017-...	BSPP 3/8"	○	○	○					30	27	69	12
 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	LP-007-2-VR017-...		BSPP 3/8"	○	○	○				7 30	24	66	12	23,3	150		

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc	brass	brass	brass	AISI 316 ti/	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
			plated	passivated	chrome plated	1.4571											
Self sealing adaptors	 metric male thread with 60° sealing cone to DIN 7631	LP-007-2-D0816-...-	M 16 x 1,5	○							8	30	24	65	11	23,3	150
	 metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm	LP-007-2-DV010-...-	M 16 x 1,5	○							8	30	24	87,5	33,5	23,3	160
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	LP-007-2-L0814-...-	M 14 x 1,5	●					L	8	6	30	24	64	10	23,3	140
		LP-007-2-L1016-...-	M 16 x 1,5	●					L	10	8	30	24	65	11	23,3	140
		LP-007-2-L1218-...-	M 18 x 1,5	●					L	12	10	30	24	65	11	23,3	140
		LP-007-2-S1018-...-	M 18 x 1,5	●					S	10	6	30	24	66	12	23,3	150
		LP-007-2-S1220-...-	M 20 x 1,5	●					S	12	8	30	24	66	12	23,3	150
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228	LP-007-2-WR517-...-	BSPP 3/8"	●	●	○	○					30	24	66	14	23,3	160
		LP-007-2-WR521-...-	BSPP 1/2"	●	●	○	○					30	27	69	17	23,3	180
		 hose connection	LP-007-2-SL009-...-	9 mm	●	○	○	○					30	24	84	30	23,3
LP-007-2-SL011-...-	11 mm		●	●	○	○					30	24	84	30	23,3	150	
LP-007-2-SL013-...-	13 mm		●	●	○	○					30	24	84	30	23,3	160	
Thru type adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	LP-007-1-WR013-...-	BSPP 1/4"	●	○	○	○				18,9	17	40,5	11	23,3	35	
		LP-007-1-WR017-...-	BSPP 3/8"	●	○	○	○				21	19	41,5	12	23,3	45	
		LP-007-1-WR021-...-	BSPP 1/2"	●	●	○	○				26,7	24	44,5	15	23,3	70	
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228	LP-007-1-WR513-...-	BSPP 1/4"	●	○	○	○					18,9	17	40,5	13	23,3	37
		LP-007-1-WR517-...-	BSPP 3/8"	●	○	○	○					24	22	41,5	14	23,3	55
		LP-007-1-WR521-...-	BSPP 1/2"	●	○	○	○					30	27	44,5	17	23,3	75
	 hose connection	LP-007-1-SL009-...-	9 mm	●	○	○	○					14		54,5	30	23,3	29
		LP-007-1-SL011-...-	11 mm	●	○	○	○					18		56,5	30	23,3	37
		LP-007-1-SL013-...-	13 mm	●	○	○	○					18		56,5	30	23,3	46

characteristic features:

- stainless steel version 1.4404/1.4571 or similar in smooth variant with gripping grooves instead knurling

optional features:

OV = without valve

materials:
standard:

11 = steel, zinc plated
 21 = brass, passivated
 22 = brass, chrome plated
 01 = stainless steel 1.4404/1.4571 or similar

special materials:

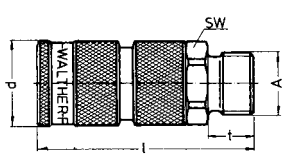
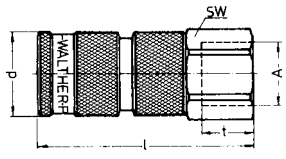
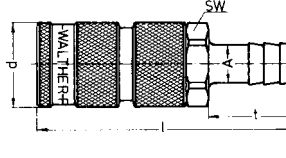
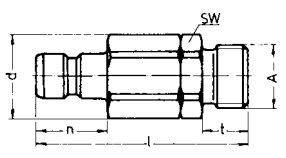
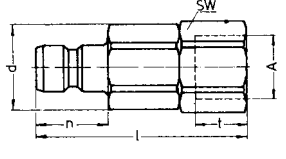
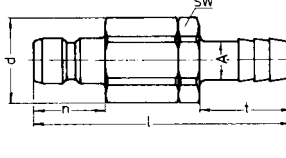
13 = steel, chem. nickel plated
 24 = brass, chem. nickel plated

seal qualities:

1 = NBR (Perbunan)
 2 = FPM (Viton)
 4 = EPDM

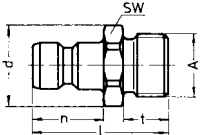
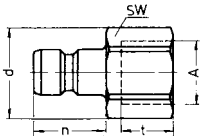
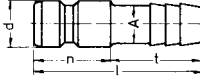
Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Connec- tion A	steel zinc	brass	passivated	brass chrome	AISI 316 ti/	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
			plated			plated	1.4571									
Self sealing couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	BSPP 3/8"	●	●	○	○					28	25	71	12		180
		BSPP 1/2"	●	●	○	○					28	25	71	15		190
	 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	BSPP 1/2"	●	●	○	○					28	27	71	17		200
 <p>hose connection</p>	SP-009-0-SL013-...-	13 mm	●	●	○	○					28	25	86	30		180
Self sealing adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	BSPP 3/8"	●	●	○	○					28	25	69,5	12	23,5	120
		BSPP 1/2"	●	●	○	○					28	25	69,5	15	23,5	130
	 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	SP-009-2-WR521-...-Z02	BSPP 1/2"	●	●	○	○					28	27	69,5	17	23,5
 <p>hose connection</p>	SP-009-2-SL013-...-Z02	13 mm	●	●	○	○					28	25	84,5	30	23,5	130

Availability: ● Short ○ Medium ○ Long

Thru type adaptors

	Part No.	Conne- tion A	steel zinc	brass	passivated	brass chrome	AISI 316 ti/	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
			plated			plated	1.4571									
 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	SP-009-1-WR017-.. SP-009-1-WR021-..	BSPP 3/8"	●	○	○	○					21,9	19	41,5	12	23,5	40
		BSPP 1/2"	●	○	○	○						24	22	46,5	15	23,5
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	SP-009-1-WR521-..	BSPP 1/2"	●	○	○	○					30	27	45	17	23,5	75
 <p>hose connection</p>	SP-009-1-SL013-..	13 mm	○	●	○	○					15		55	30	23,5	37

characteristic features:

- non squirt feature
- can be coupled with type KL-012 (plastic version)
- stainless steel version 1.4404/1.4571 or similar
- in smooth variant with gripping grooves instead of knurling

optional features:

- OV = without valve
- SI = with additional axial safety lock (outer diameter 44 mm)
- VH = with locking aid

materials:

- standard:**
- 11 = steel, zinc plated
 - 21 = brass, passivated
 - 22 = brass, chrome plated
 - 01 = stainless steel 1.4404/1.4571 or similar

special materials:

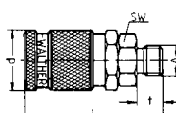
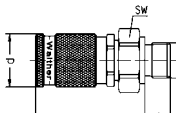
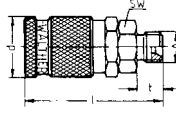
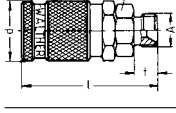
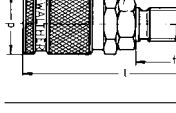
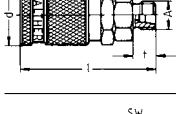
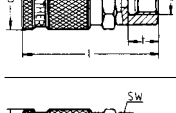
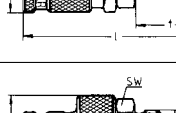
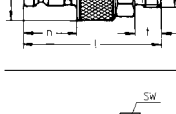
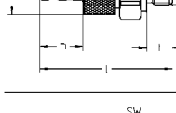
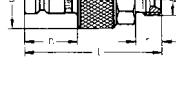
- 13 = steel, chem. nickel plated
- 24 = brass, chem. nickel plated

seal qualities:

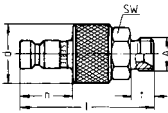
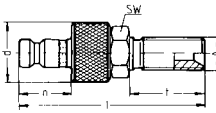
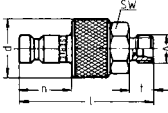
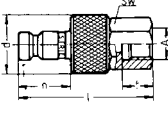
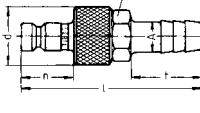
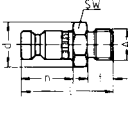
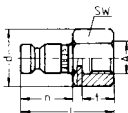
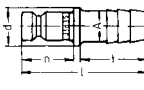
- 1 = NBR (Perbunan)
- 2 = FPM (Viton)
- 4 = EPDM

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc plated	brass passivated	brass chrome plated	AISI 316 ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
Self sealing couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-012-0-WR021-...-	BSPP 1/2"	●	●	○				40	32	82	15		380	
		LP-012-0-WR026-...-	BSPP 3/4"	●	●	○				40	32	84	17		410	
		LP-012-0-WR033-...-	BSPP 1"	●	○	○	○				40	36	88	20		470
	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228, sealing profile "E" to DIN 3852-11 for o-ring or sealing ring.</p>	LP-012-0-WE021-...-	BSPP 1/2"	○						40	32	84	14		390	
		 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	LP-012-0-VR021-...-	BSPP 1/2"	○		○			12	40	32	82	15		380
	LP-012-0-VR026-...-		BSPP 3/4"	○		○			12	40	32	84	17		400	
	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	LP-012-0-D1018-...-	M 18 x 1,5	○			○			10	40	32	78	11		370
		LP-012-0-D1222-...-	M 22 x 1,5	○			○			12	40	32	79	12		380
 <p>metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm</p>	LP-012-0-DV015-...-	M 22 x 1,5	○			○			12	40	32	106	39		430	
	 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	LP-012-0-L1218-...-	M 18 x 1,5	○			○	L	12	10	40	32	78	11		370
LP-012-0-L1522-...-		M 22 x 1,5	○			○	L	15	12	40	32	79	12		380	
LP-012-0-S1624-...-		M 24 x 1,5	○			○	S	16	12	40	32	81	14		390	
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-012-0-WR521-...-	BSPP 1/2"	●	●	○	○			40	32	81	17		420		
	LP-012-0-WR526-...-	BSPP 3/4"	●	●	○	○			40	32	83	19		400		
 <p>hose connection</p>	LP-012-0-SL016-...-	16 mm	●	○	○	○			40	32	102	35		390		
	LP-012-0-SL019-...-	19 mm	●	○	○	○			40	32	102	35		410		
Self sealing adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-012-2-WR021-...-	BSPP 1/2"	●	●	○	○			40	32	80	15	29,5	290	
		LP-012-2-WR026-...-	BSPP 3/4"	●	●	○	○			40	32	82	17	29,5	320	
		LP-012-2-WR033-...-	BSPP 1"	●	○	○	○			40	36	86	20	29,5	380	
 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228, sealing profile "E" to DIN 3852-11 for o-ring or sealing ring.</p>	LP-012-2-WE021-...-	BSPP 1/2"	○						40	32	82	14	29,5	300		
	 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	LP-012-2-VR021-...-	BSPP 1/2"	○			○		12	40	32	80	15	29,5	290	
LP-012-2-VR026-...-		BSPP 3/4"	○			○		12	40	32	82	17	29,5	310		

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc	brass	brass	AISI 316 ti/	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
			plated	passivated	chrome plated	1.4571										
Self sealing adaptors	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	LP-012-2-D1018-... LP-012-2-D1222-... M 18 x 1,5 M 22 x 1,5	● ●			○ ○			10 12	40 40	32 32	76 77	11 12	29,5 29,5	280 290	
		 <p>metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm</p>	LP-012-2-DV015-... M 22 x 1,5	○			○			12	40	32	104	39	29,5	340
	 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	LP-012-2-L1218-... LP-012-2-L1522-... LP-012-2-S1624-... M 18 x 1,5 M 22 x 1,5 M 24 x 1,5	● ● ●			○ ○ ○	L L S	12 15 16	10 12 12	40 40 40	32 32 32	76 77 79	11 12 14	29,5 29,5 29,5	280 290 290	
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-012-2-WR521-... LP-012-2-WR526-... BSPP 1/2" BSPP 3/4"	● ●	● ●	○ ○	○ ○				40 40	32 32	79 81	17 19	29,5 29,5	330 310
			 <p>hose connection</p>	LP-012-2-SL016-... LP-012-2-SL019-... 16 mm 19 mm	● ●	○ ○	○ ○	○ ○				40 40	32 32	100 100	35 35	29,5 29,5
Thru type adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-012-1-WR017-... LP-012-1-WR021-... LP-012-1-WR026-... BSPP 3/8" BSPP 1/2" BSPP 3/4"	● ● ●	○ ○ ●	○ ○ ○	○ ○ ○				30 30 33	27 27 30	49,5 54,5 54,5	12 15 17	29,5 29,5 29,5	90 100 140	
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-012-1-WR521-... LP-012-1-WR526-... BSPP 1/2" BSPP 3/4"	● ○	○ ○	○ ○	○ ○				30 35,5	27 32	50,5 52,5	17 19	29,5 29,5	100 120
			 <p>hose connection</p>	LP-012-1-SL013-... LP-012-1-SL016-... LP-012-1-SL019-... 13 mm 16 mm 19 mm	● ● ●	● ○ ○	○ ○ ○	○ ○ ○				21 21 25		61 66 68,5	30 35 35	29,5 29,5 29,5

Series LP

characteristic features:
- non squirt feature

optional features:
GG= with ring grips (cast aluminium)
OV = without valve
SI = with additional axial safety lock (outer diameter 58 mm)
VH= with locking aid

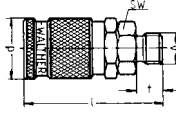
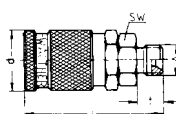
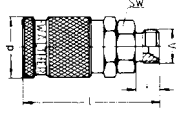
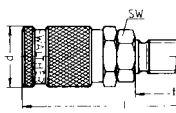
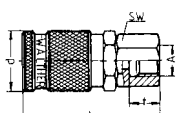
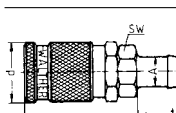
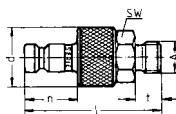
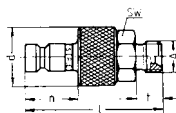
materials:
standard:
11 = steel, zinc plated
21 = brass, passivated
22 = brass, chrome plated
01 = stainless steel 1.4404/1.4571 or similar

special materials:
13 = steel, chem. nickel plated
24 = brass, chem. nickel plated

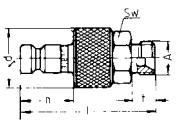
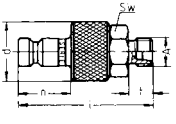
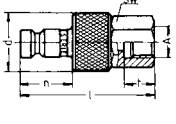
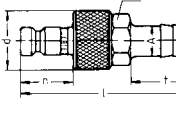
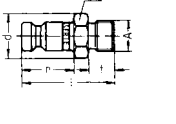
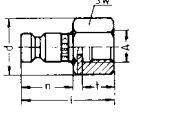
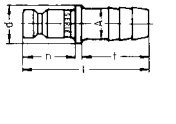
seal qualities:
1 = NBR (Perbunan)
2 = FPM (Viton)
4 = EPDM

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc plated	brass passivated	brass chrome plated	AISI 316 ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
Self sealing couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-019-0-WR026-... LP-019-0-WR033-...	BSPP 3/4" BSPP 1"	● ●	○ ●	○ ○				54 54	46 46	100 103	17 20		840 870	
		LP-019-0-WE026-...	BSPP 3/4"	○							54	46	102	16		850
	 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	LP-019-0-VR026-... LP-019-0-VR033-...	BSPP 3/4" BSPP 1"	○ ○			○ ○			19 19	54 54	46 46	100 103	17 20		830 870
		LP-019-0-D1526-... LP-019-0-D1930-...	M 26 x 1,5 M 30 x 1,5	○ ○			○ ○			15 19	54 54	46 46	95 97	12 14		830 830
	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	LP-019-0-DV022-...	M 30 x 1,5	○			○			19	54	46	128	45		920
	 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	LP-019-0-L1826-... LP-019-0-L2230-... LP-019-0-S2030-... LP-019-0-S2536-...	M 26 x 1,5 M 30 x 2 M 30 x 2 M 36 x 2	○ ○ ○ ○			○ ○ ○ ○	L L S S	18 22 20 25	16 20 16 20	54 54 54 54	46 46 46 46	95 97 99 101	12 14 16 18		830 830 850 860
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-019-0-WR526-... LP-019-0-WR533-...	BSPP 3/4" BSPP 1"	● ●	○ ○	○ ○				54 54	46 46	94 98	19 23		890 880
			 <p>hose connection</p>	LP-019-0-SL019-... LP-019-0-SL025-... LP-019-0-SL028-...	19 mm 25 mm 28 mm	○ ○ ○	○ ○ ○	○ ○ ○				54 54 54	46 46 46	118 123 128	35 40 45	
Self sealing adaptors		 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>		LP-019-2-WR026-... LP-019-2-WR033-...	BSPP 3/4" BSPP 1"	● ●	○ ○				54 54	46 46	96 99	17 20	32,5 32,5	690 720
	LP-019-2-WE026-...			BSPP 3/4"	○						54	46	98	16	32,5	700
	 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	LP-019-2-VR026-... LP-019-2-VR033-...	BSPP 3/4" BSPP 1"	○ ○			○ ○			19 19	54 54	46 46	96 99	17 20	32,5 32,5	690 720

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc	brass	brass chrome	AISI 316 ti/	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
			plated	passivated	plated	1.4571										
Self sealing adaptors	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	LP-019-2-D1526-...- LP-019-2-D1930-...- M 26 x 1,5 M 30 x 1,5	● ●			○ ○			15 19	54 54	46 46	91 93	12 14	32,5 32,5	680 680	
		LP-019-2-DV022-...- M 30 x 1,5	○			○			19	54	46	124	45	32,5	770	
	 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	LP-019-2-L1826-...- LP-019-2-L2230-...- LP-019-2-S2030-...- LP-019-2-S2536-...- M 26 x 1,5 M 30 x 2 M 30 x 2 M 36 x 2	● ● ● ●			○ ○ ○ ○	L L S S	18 22 20 25	16 20 16 20	54 54 54 54	46 46 46 46	91 93 95 97	12 14 16 18	32,5 32,5 32,5 32,5	680 670 690 710	
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-019-2-WR526-...- LP-019-2-WR533-...- BSPP 3/4" BSPP 1"	● ●	● ●	● ●	○ ○				54 54	46 46	90 94	19 23	32,5 32,5	740 730
			 <p>hose connection</p>	LP-019-2-SL019-...- LP-019-2-SL025-...- LP-019-2-SL028-...- 19 mm 25 mm 28 mm	● ● ●	● ● ●	● ● ●	○ ○ ○				54 54 54	46 46 46	114 119 124	35 40 45	32,5 32,5 32,5
Thru type adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-019-1-WR021-...- LP-019-1-WR026-...- LP-019-1-WR033-...- BSPP 1/2" BSPP 3/4" BSPP 1"	● ● ●	● ● ●	● ● ●	○ ○ ○				40 40 40	36 36 36	57,5 59,5 62,5	15 17 20	32,5 32,5 32,5	210 220 260	
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-019-1-WR526-...- LP-019-1-WR533-...- BSPP 3/4" BSPP 1"	● ●	● ●	● ●	○ ○			40 45	36 41	57,5 61,5	19 23	32,5 32,5	240 250	
			 <p>hose connection</p>	LP-019-1-SL019-...- LP-019-1-SL025-...- 19 mm 25 mm	● ●	○ ●	○ ●	○ ○				32 32		68,5 73,5	35 40	32,5 32,5

Series LP

optional features:

SI = with additional axial safety lock
(outer diameter 89 mm)
GG= with ring grips (cast aluminium)

materials:

standard:
11 = steel, zinc plated
21 = brass, passivated
22 = brass, chrome plated
01 = stainless steel 1.4404/1.4571 or similar

seal qualities:

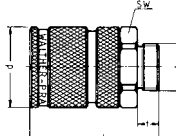
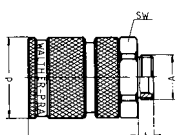
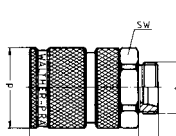
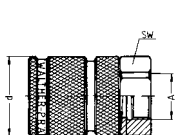
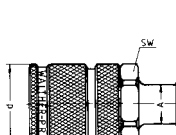
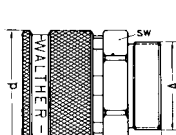
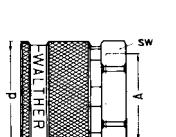
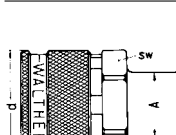
1 = NBR (Perbunan)
2 = FPM (Viton)
4 = EPDM

special materials:

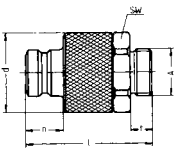
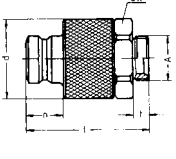
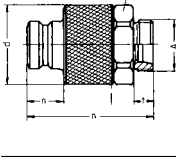
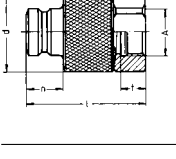
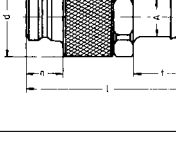
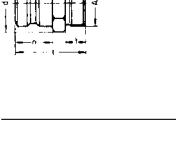
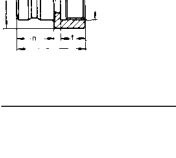

13 = steel, chem. nickel plated
24 = brass, chem. nickel plated
31 = aluminium anodized silver

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc	brass	passivated	brass chrome	AISI 316 ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
			plated			plated											
Self sealing couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-032-0-WR048-... LP-032-0-WR060-...	BSPP 1 1/2" BSPP 2"	● ○	○ ○	○ ○	○ ○				82 82	75 75	139 143	22 26		2930 2980	
		 <p>metric male thread with 60° sealing cone to DIN 7631</p>	LP-032-0-D3245-...	M 45 x 1,5	○	○	○	○			32	82	75	128	16		2720
	 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	LP-032-0-S3852-...	M 52 x 2	○	○	○	○	S	38	32	82	75	134	22		2770	
	 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-032-0-WR548-... LP-032-0-WR560-...	BSPP 1 1/2" BSPP 2"	○ ○	○ ○	○ ○	○ ○					82 82	75 75	126 130	25 29		2890 2760
		 <p>hose connection</p>	LP-032-0-SL042-... LP-032-0-SL053-...	42 mm 53 mm	○ ○	○ ○	○ ○	○ ○					82 82	75 75	178 182	61 70	
Thru type couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-032-4-WR048-... LP-032-4-WR060-...	BSPP 1 1/2" BSPP 2"	○ ○	○ ○	○ ○	○ ○				82 82	70 70	109 113	22 26		2230 2490	
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-032-4-WR542-... LP-032-4-WR548-... LP-032-4-WR560-...	BSPP 1 1/4" BSPP 1 1/2" BSPP 2"	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○				82 82 82	70 70 70	89 89 89	25 25 29		2000 1930 1690
	 <p>hose connection</p>	LP-032-4-SL042-... LP-032-4-SL053-...	42 mm 53 mm	○ ○	○ ○	○ ○	○ ○					82 82	70 70	143 152	61 70		2260 2770

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc	brass	brass	brass chrome	AISI 316 ti/	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
			plated	passivated	plated	1.4571										
Self sealing adaptors	British standard pipe parallel (BSPP) male thread to DIN ISO 228 	LP-032-2-WR048-...- LP-032-2-WR060-...-	BSPP 1 1/2" BSPP 2"	● ○	● ○	○ ○	○ ○				82 82	75 75	135,5 139,5	22 26	39 39	2460 2500
	metric male thread with 60° sealing cone to DIN 7631 	LP-032-2-D3245-...-	M 45 x 1,5	○	○	○	○			32	82	75	124,5	16	39	2220
	metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S) 	LP-032-2-S3852-...-	M 52 x 2	○	○	○	○	S	38	32	82	75	130,5	22	39	2280
	British standard pipe parallel (BSPP) female thread to DIN ISO 228 	LP-032-2-WR548-...- LP-032-2-WR560-...-	BSPP 1 1/2" BSPP 2"	● ○	● ○	○ ○	○ ○				82 82	75 75	122,5 126,5	25 29	39 39	2390 2260
	hose connection 	LP-032-2-SL042-...- LP-032-2-SL053-...-	42 mm 53 mm	○ ○	○ ○	○ ○	○ ○				82 82	75 75	174,5 178,5	61 70	39 39	2610 2950
Thru type adaptors	British standard pipe parallel (BSPP) male thread to DIN ISO 228 	LP-032-1-WR048-... LP-032-1-WR060-...-	BSPP 1 1/4" BSPP 2"	● ○	○ ○	○ ○	○ ○				60 72,5	55 65	74,5 78,5	22 26	39 39	600 650
	British standard pipe parallel (BSPP) female thread to DIN ISO 228 	LP-032-1-WR542-... LP-032-1-WR548-... LP-032-1-WR560-...-	BSPP 1 1/4" BSPP 1 1/2" BSPP 2"	● ● ○	○ ○ ○	○ ○ ○	○ ○ ○				60 65 78	55 60 70	71 71 75	25 25 29	39 39 39	610 640 790
	hose connection 	LP-032-1-SL042-...-	42 mm	○	○	○	○				54		105	61	39	620

Series LP

optional features:

SI = with additional axial safety lock
(outer diameter 116 mm)
GG= with ring grips (cast aluminium)

materials:

standard:
11 = steel, zinc plated
21 = brass, passivated
22 = brass, chrome plated
01 = stainless steel 1.4404/1.4571 or similar

seal qualities:

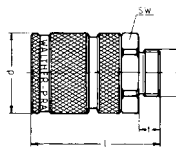
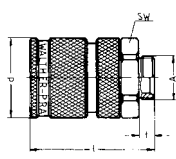
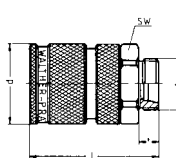
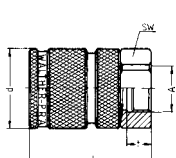
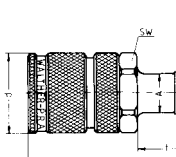
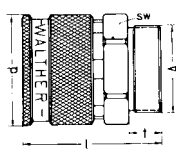
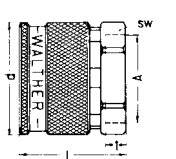
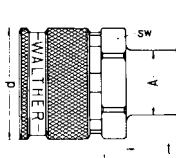
1 = NBR (Perbunan)
2 = FPM (Viton)
4 = EPDM

special materials:

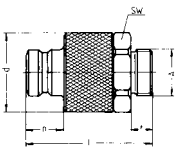
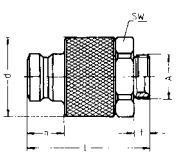
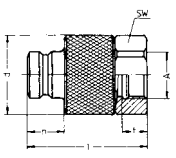
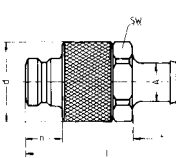
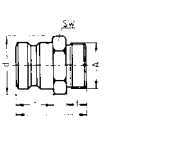
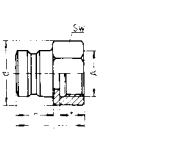
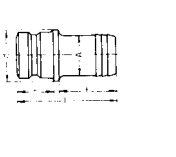
13 = steel, chem. nickel plated
24 = brass, chem. nickel plated
31 = aluminium anodized silver

Please note the technical data on pages 2 - 7, 32 - 33 and the max. working pressures on page 9

Availability: ● Short ○ Medium ○ Long

	Part No.	Conne- tion A	steel zinc	brass	passivated	brass chrome	AISI 316 ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
			plated			plated										
Self sealing couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-050-0-WR060-...-.	BSPP 2"	●	○	○	○				112	100	162	26		5550
		LP-050-0-WR075-...-.	BSPP 2 1/2"	●	○	○	○				112	100	164	30		5560
	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	LP-050-0-D4965-...-.	M 65 x 2	○	○	○	○			49	112	100	159	18		5440
		 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	LP-050-0-L4252-...-.	M 52 x 2	●	○	○	○	L	42	36	112	100	158	16	
	 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-050-0-WR560-...-.	BSPP 2"	●	○	○	○				112	100	158	29		6150
LP-050-0-WR575-...-.		BSPP 2 1/2"	●	○	○	○				112	100	167	33		5940	
 <p>hose connection</p>	LP-050-0-SL065-...-.	65 mm	○	○	○	○				112	100	209	75		5970	
Thru type couplings	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	LP-050-4-WR060-...-.	BSPP 2"	○	○	○	○				112	100	132,5	26		3950
		LP-050-4-WR075-...-.	BSPP 2 1/2"	○	○	○	○				112	100	136,5	30		4210
	 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	LP-050-4-WR560-...-.	BSPP 2"	●	○	○	○				112	100	106,5	27		3800
		LP-050-4-WR575-...-.	BSPP 2 1/2"	○	○	○	○				112	100	106,5	31		3640
 <p>hose connection</p>	LP-050-4-SL065-...-.	65 mm	○	○	○	○				112	100	181,5	75		4050	

Availability: ● Short ○ Medium ○ Long

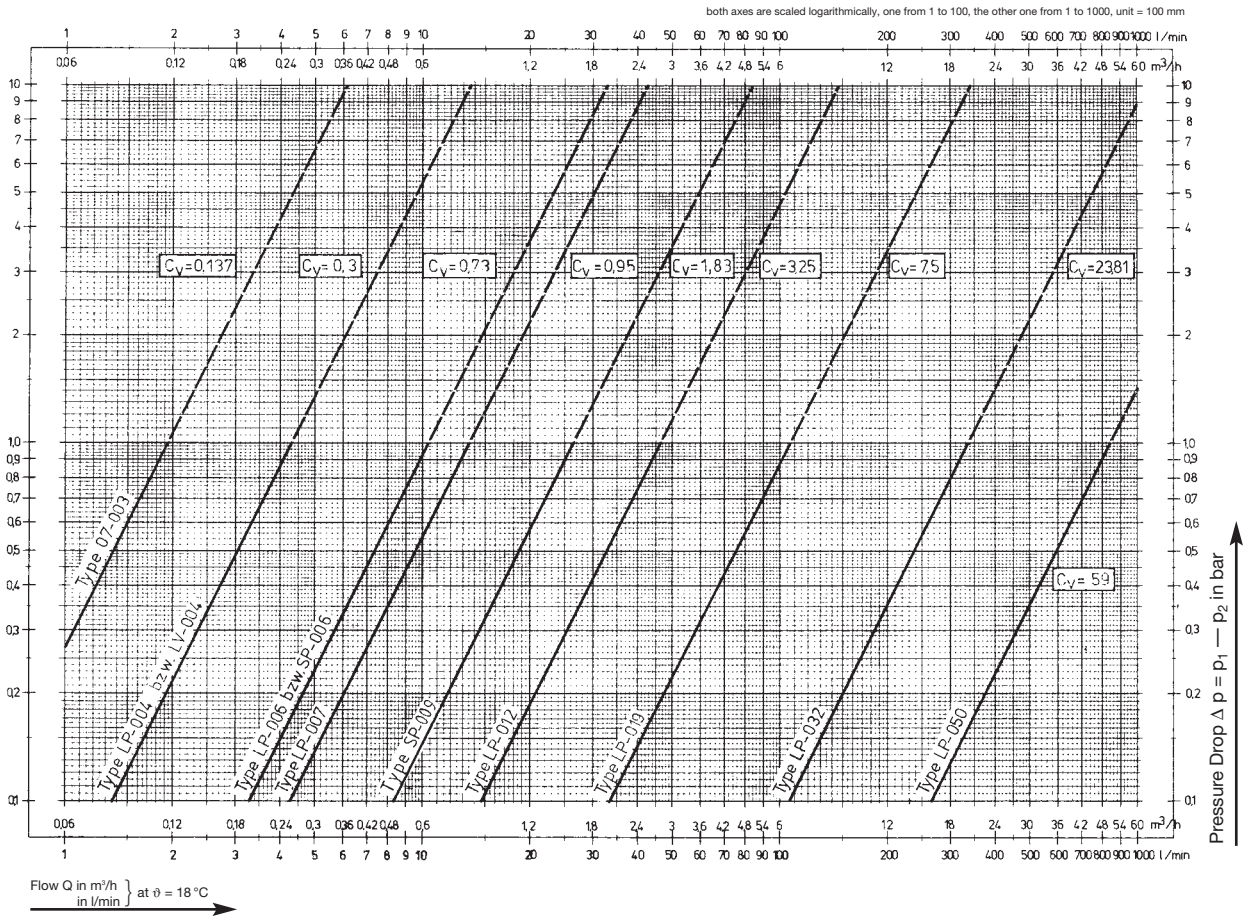
	Part No.	Conne- tion A	steel zinc	brass	brass	brass	AISI 316 ti/	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]			
			plated	passivated	chrome plated	1.4571													
Self sealing adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	<p>LP-050-2-WR060-...- LP-050-2-WR075-...-</p>	<p>BSPP 2" BSPP 2 1/2"</p>	●	○	○	○				112	100	158	26	46	5010			
				●	○	○	○			112	100	160	30	46	5020				
	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	<p>LP-050-2-D4965-...-</p>	<p>M 65 x 2</p>	○			○			49	112	100	155	18	46	4900			
				●			○	L	42	36	112	100	154	16	46	4840			
	 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	<p>LP-050-2-WR560-...- LP-050-2-WR575-...-</p>	<p>BSPP 2" BSPP 2 1/2"</p>	●	○	○	○				112	100	154	29	46	5610			
●				○	○	○			112	100	163	33	46	5400					
Thru type adaptors	 <p>hose connection</p>	<p>LP-050-2-SL065-...-</p>	<p>65 mm</p>	○	○	○	○				112	100	205	75	46	5430			
				 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	<p>LP-050-1-WR060-..</p>	<p>BSPP 2"</p>	●	○	○	○				92	85	88	26	46	1590
							 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	<p>LP-050-1-WR560-..</p>	<p>BSPP 2"</p>	●	○	○	○				92	85	82
 <p>hose connection</p>	<p>LP-050-1-SL065-..</p>	<p>65 mm</p>	○	○	○	○							90		131	75	46	2050	

Measured according to VDI / VDE 2173

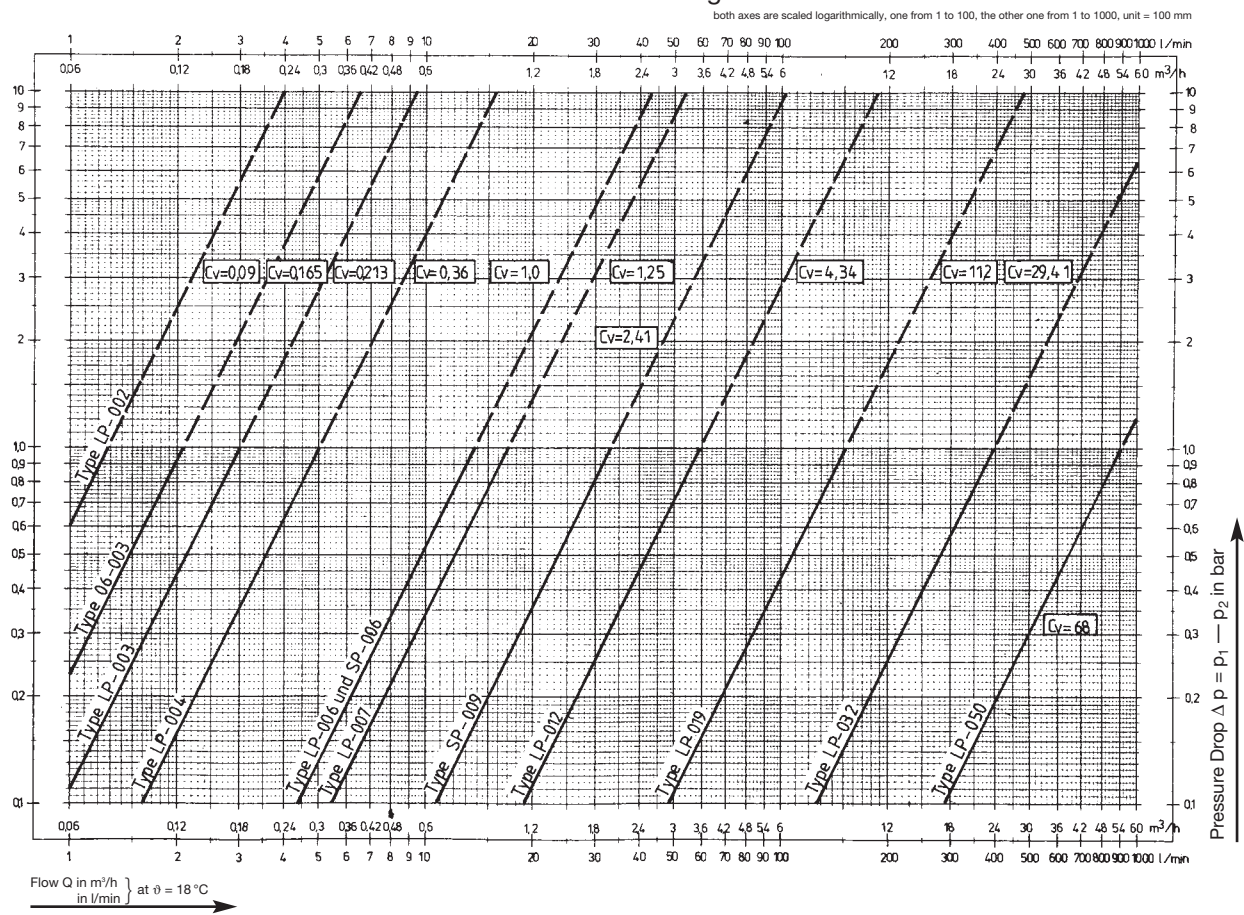
Flow speeds of 8 m/sec should not be exceeded

1 bar = 14,5 PSI

Both sides self sealing



One side self sealing

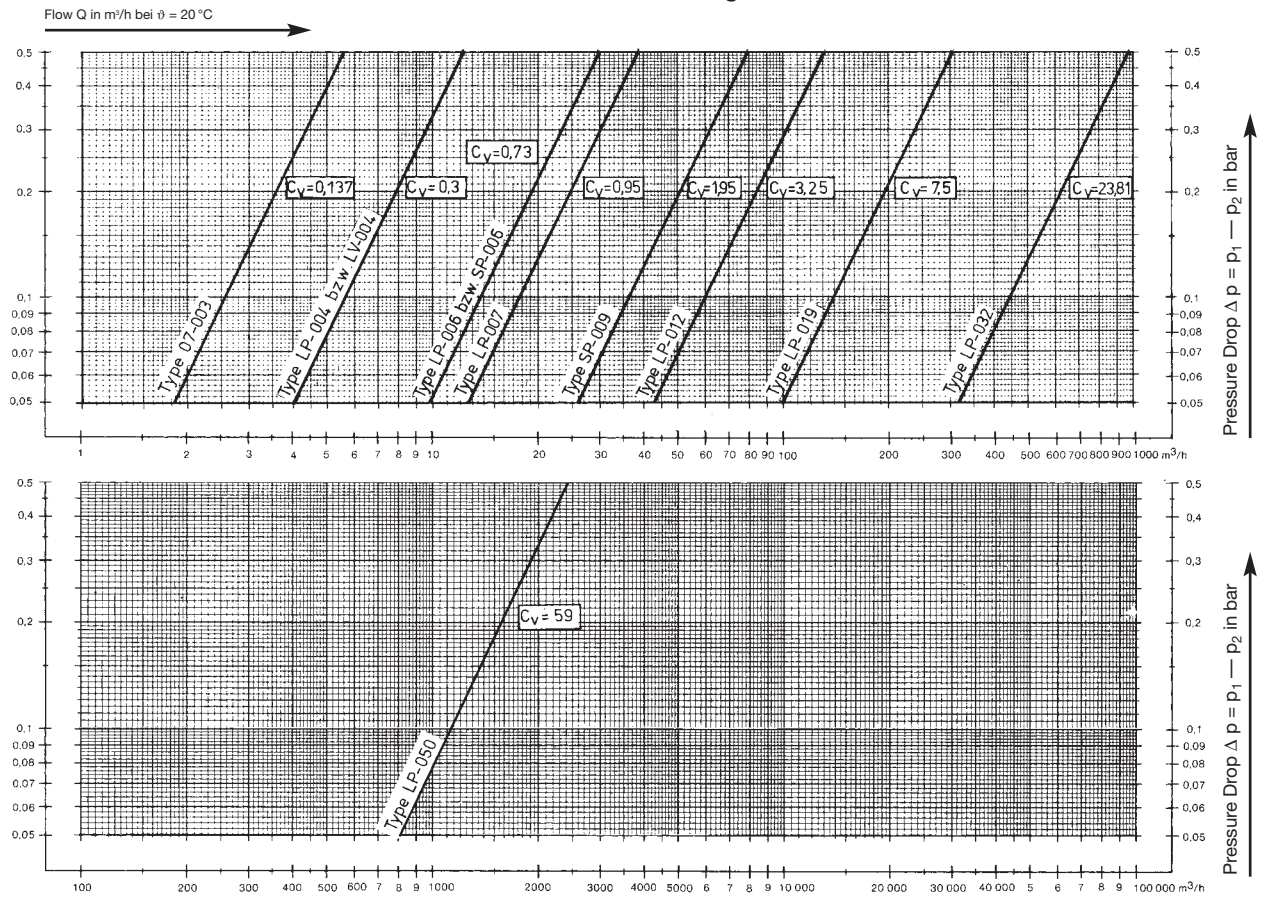


Measured according to VDI / VDE 2173

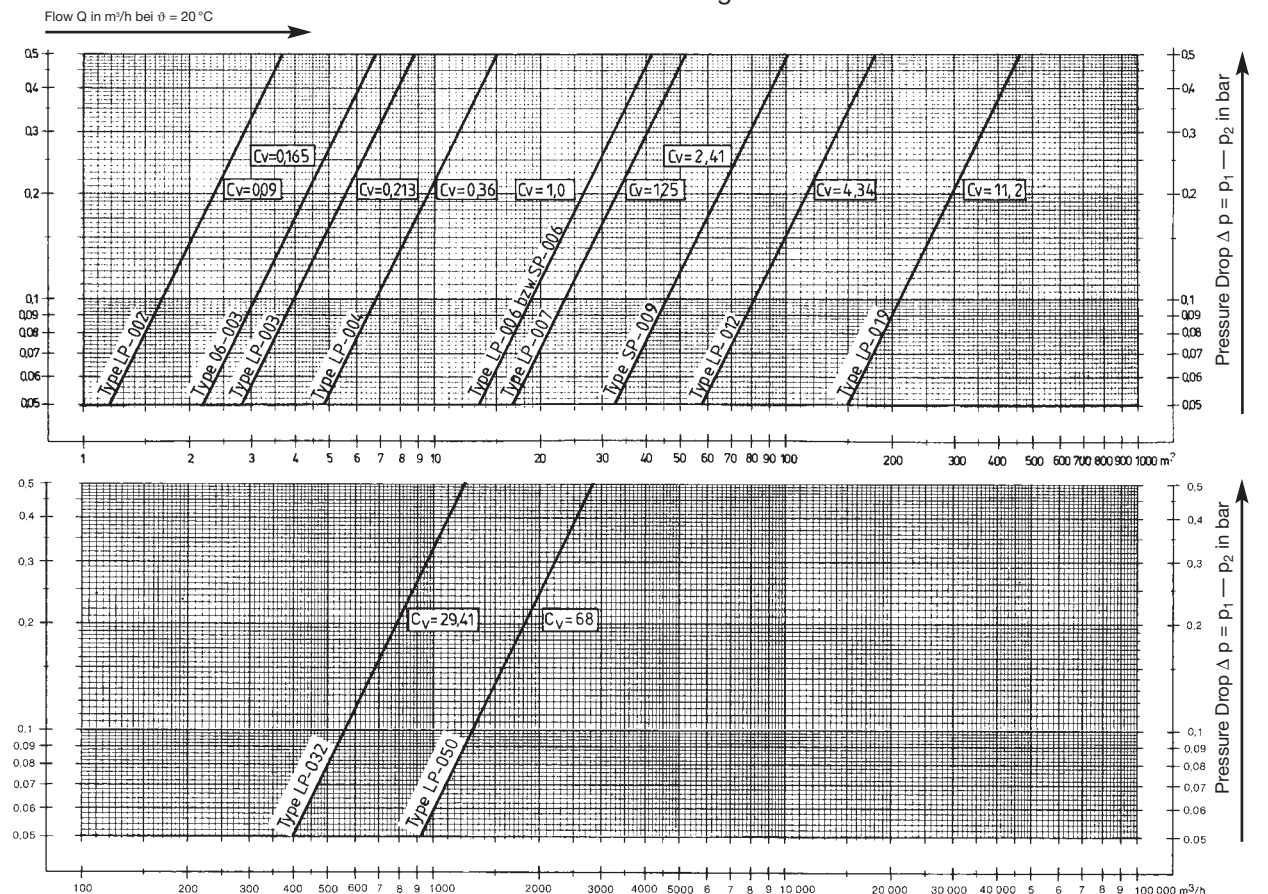
Working pressure 6 bar gauge pressure

1 bar = 14,5 PSI

Both sides self sealing



One side self sealing

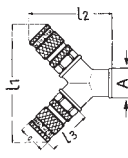
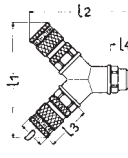


materials:
standard:
 11 = steel, zinc plated

special materials:
 21 = brass, passivated
 01 = stainless steel 1.4404/1.4571 or similar
 50 = polyamide 11/12, grey (PA)

seal qualities:
 1 = NBR (Perbunan)
 2 = FPM (Viton)
 4 = EPDM

Availability: ● Short ○ Medium ○ Long

	Part No.	equipped with	steel zinc-plated	D	n.b.	d	d1	l	l1	l2	l3	l4	Weight [g]
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228 and 2 self sealing couplings</p>	2R-006-0-WR517-...-	3/8" BSPP, 2 ssc LP-006	○	25	6				116	81	47,5		430
	2R-007-0-WR521-...-	1/2" BSPP, 2 ssc LP-007	○	30	7				140	96	57		710
	2R-012-0-WR533-...-	1" BSPP, 2 ssc LP-012	○	40	12				178	128	65		1440
 <p>1 thru type adaptors and 2 self sealing couplings, type LP-006</p>	2S-006-0-WR517-...-	1 tta, 2ssc, LP-006	○	25	6	12			116	110	47,5	26	430

