

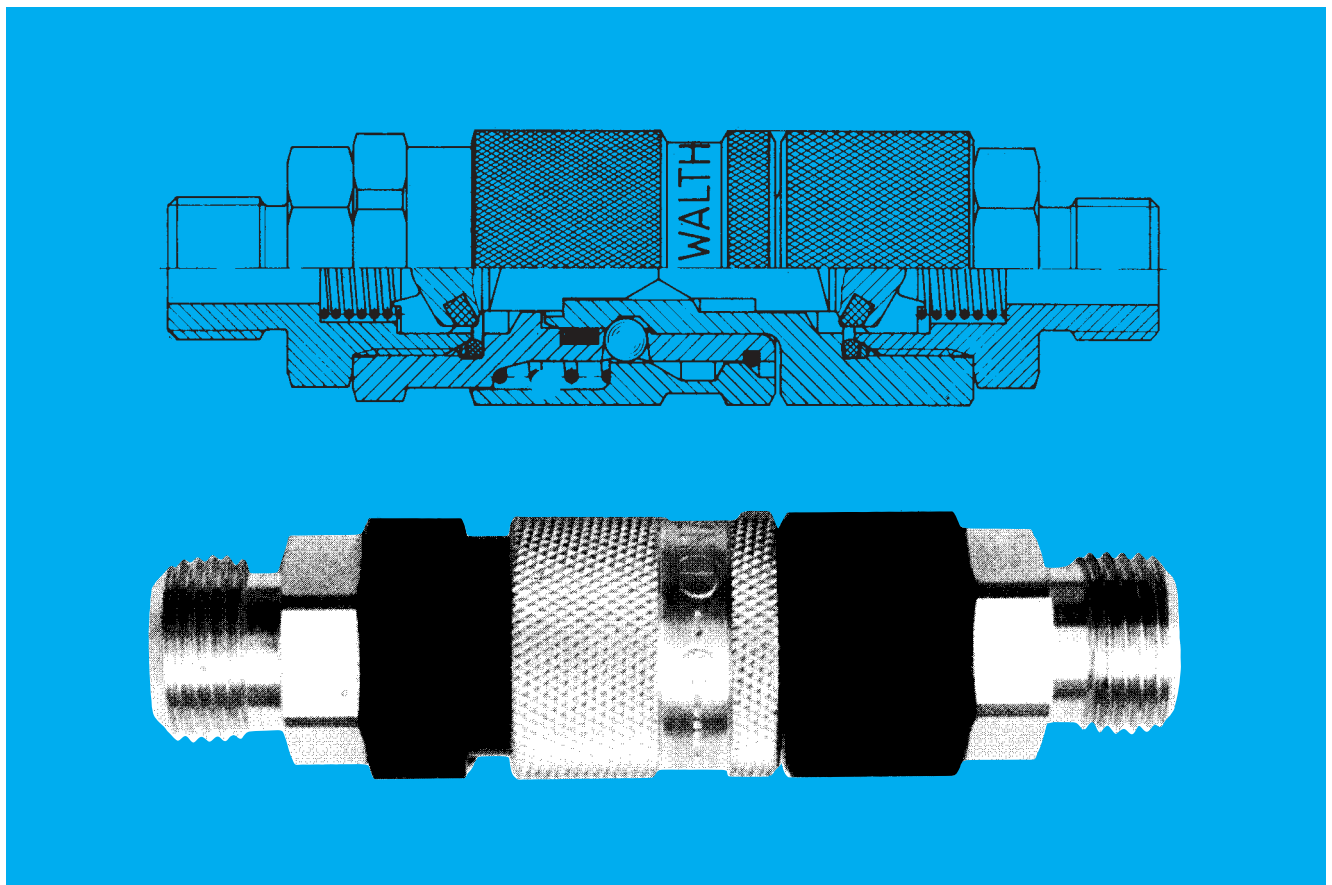


# LEHENGOK, S.A.

Nom. bore	Type	Max. static working pressure [bar/psi]			Min. burst pressure for steel [bar/psi]	C <sub>v</sub> value		Cross section [mm <sup>2</sup> ]	Page
		steel	brass	st. st.		both sides self sealing	one side self sealing		
6	SG-006	250/3625	-	-	1400/20300	0.73	1.0	30	50 - 51
6	MD-006	200/2900	40/580	100/1450	1000/14500	0.73	-	30	52 - 53
7	MD-007	250/3625	40/580	100/1450	800/11600	1.07	-	40	54 - 55
12	MD-012	250/3625	40/580	100/1450	750/10900	3.25	-	120	56 - 57
19	MD-019	250/3625	40/580	50/725	750/10900	7.5	-	300	58 - 59
25	MD-025	220/3190	40/580	50/725	750/10900	13.5	-	490	60
32	MD-032	200/2900	40/580	40/580	700/10100	23.8	29.4	800	61 - 62
50	MD-050	100/1450	30/435	30/435	450/6500	59	68	2000	63 - 64
Performance diagrams									65 - 66

When determining the working pressure of the coupling the max. permissible working pressure of the end connection is to be taken into account if standardized threads are used. In case of pulsating pressure the use of HP-Series is recommended.

In stainless steel the version is partially smooth instead of knurled.



optional features:  
OV = without valve

materials:  
standard:  
19 = steel zinc plated, partially oil burnished  
12 = steel, oil burnished  
(only valid for thru type adaptor)

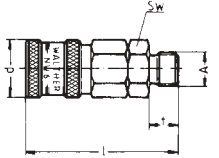
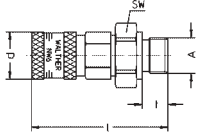
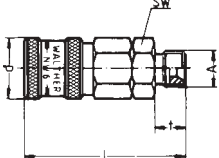
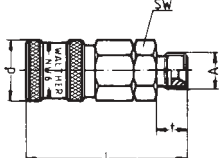
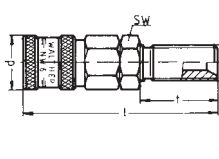
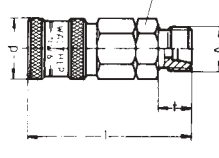
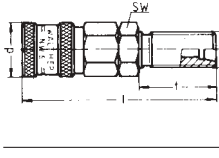
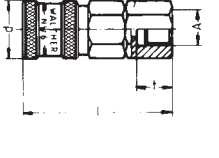
seal qualities:  
1 = NBR  
2 = FPM  
4 = EPDM



special materials:  
13 = steel, chem. nickel plated

Please note the technical data on pages 2 - 7, 65 and the max. working pressures on page 49

Availability: ● Short ○ Medium ○ Long

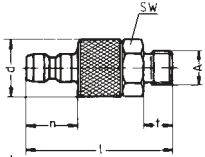
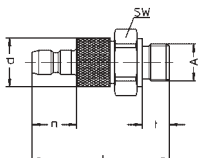
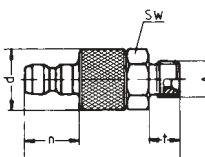
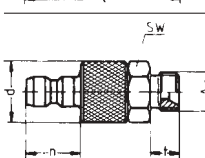
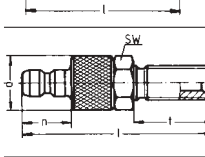
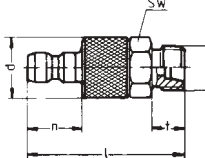
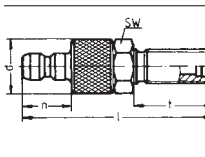
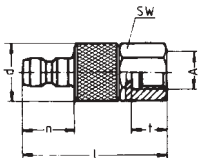
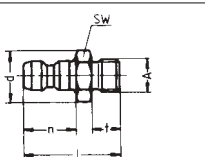
	Part No.	Connec- tion A	steel zinc/ oil burn.	steel oil burnished			series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	SG-006-0-WR013-...-	BSPP 1/4"	●							22	19	58	11		90
	SG-006-0-WR017-...-	BSPP 3/8"	●							22	19	59	12		95
	SG-006-0-WR021-...-	BSPP 1/2"	●								22	22	62	15	
 <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>	SG-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>	SG-006-0-VR013-...-	BSPP 1/4"	○						6	22	19	58	11		90
	SG-006-0-VR017-...-	BSPP 3/8"	○						6	22	19	59	12		95
 <p>metric male thread with 60° sealing cone to DIN 7631</p>	SG-006-0-D0614-...-	M 14 x 1,5	●						6	22	19	57	10		90
	 <p>metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm</p>	SG-006-0-DV008-...-	M 14 x 1,5	○					6	22	19	79	32		110
 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	SG-006-0-L0612-...-	M 12 x 1,5	●			L	6	4	22	19	57	10		85	
	SG-006-0-L0814-...-	M 14 x 1,5	●			L	8	6	22	19	57	10		85	
	SG-006-0-L1016-...-	M 16 x 1,5	●			L	10	8	22	19	58	11		90	
	SG-006-0-L1218-...-	M 18 x 1,5	○			L	12	10	22	19	58	11		90	
	SG-006-0-S0816-...-	M 16 x 1,5	○			S	8	4	22	19	59	12		90	
	SG-006-0-S1018-...-	M 18 x 1,5	●			S	10	6	22	19	59	12		95	
SG-006-0-S1220-...-	M 20 x 1,5	○			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>	SG-006-0-LV008-...-	M 14 x 1,5	○			L	8	6	22	19	79	32		110	
	SG-006-0-XX211-...-	M 16 x 1,5	○			L	10	8	22	19	79	32		120	
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	SG-006-0-WR513-...-	BSPP 1/4"	●							22	19	57	13		95
	SG-006-0-WR517-...-	BSPP 3/8"	●							22	22	58	14		100

Self sealing couplings



# LEHENGOMAK, S.A.

Availability: ● Short    ◐ Medium    ○ Long

	Part No.	Conne- tion A	steel zinc/ oil burn.	steel oil burnished	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
Self sealing adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	SG-006-2-WR013-...-.	BSPP 1/4"	●				22	19	56	11	20	70	
		SG-006-2-WR017-...-.	BSPP 3/8"	●				22	19	57	12	20	75	
		SG-006-2-WR021-...-.	BSPP 1/2"	◐				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>	SG-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>	SG-006-2-VR013-...-.	BSPP 1/4"	○			6	22	19	56	11	20	70	
		SG-006-2-VR017-...-.	BSPP 3/8"	○			6	22	19	57	12	20	75	
	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	SG-006-2-D0614-...-.	M 14 x 1,5	◐			6	22	19	55	10	20	70	
		SG-006-2-DV008-...-.	M 14 x 1,5	○			6	22	19	77	32	20	90	
	 <p>metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm</p>	SG-006-2-L0612-...-.	M 12 x 1,5	●		L	6	4	22	19	55	10	20	70
		SG-006-2-L0814-...-.	M 14 x 1,5	●		L	8	6	22	19	55	10	20	70
SG-006-2-L1016-...-.		M 16 x 1,5	●		L	10	8	22	19	56	11	20	75	
SG-006-2-L1218-...-.		M 18 x 1,5	○		L	12	10	22	19	56	11	20	75	
SG-006-2-S0816-...-.		M 16 x 1,5	○		S	8	4	22	19	57	12	20	75	
SG-006-2-S1018-...-.		M 18 x 1,5	◐		S	10	6	22	19	57	12	20	80	
SG-006-2-S1220-...-.		M 20 x 1,5	○		S	12	8	22	22	57	12	20	85	
 <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>	SG-006-2-LV008-...-.	M 14 x 1,5	○		L	8	6	22	19	77	32	20	90	
	SG-006-2-XX211-...-.	M 16 x 1,5	○		L	10	8	22	19	77	32	20	100	
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	SG-006-2-WR513-...-.	BSPP 1/4"	●				22	19	55	13	20	75		
	SG-006-2-WR517-...-.	BSPP 3/8"	●				22	22	56	14	20	80		
Thru type adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	SG-006-1-WR010-...-.	BSPP 1/8"	◐			15,5	14	34	8	20	23		
		SG-006-1-WR013-...-.	BSPP 1/4"	◐			19,6	14	37	11	20	26		
		SG-006-1-WR017-...-.	BSPP 3/8"	◐			21,9	19	38	12	20	37		
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	SG-006-1-WR513-...-.	BSPP 1/4"	◐			19,6	17	36	13	20	26			
	SG-006-1-WR517-...-.	BSPP 3/8"	◐			24	22	37	14	20	40			

Series MD

characteristic features:  
 - 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)

materials:  
 standard:  
 19 = steel zinc plated, partially oil burnished  
 21 = brass, passivated  
 01 = stainless steel 1.4404/1.4571 or similar

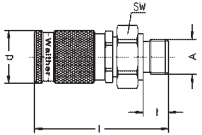
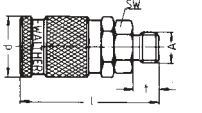
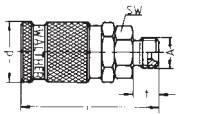
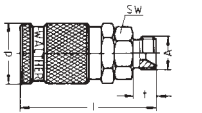
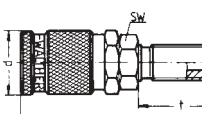
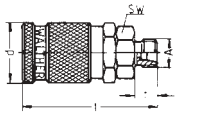
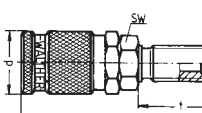
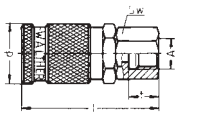
special materials:  
 13 = steel, chem. nickel plated  
 24 = brass, chem. nickel plated  
 22 = brass, chrome plated

seal qualities:  
 1 = NBR  
 2 = FKM  
 4 = EPDM

Please note the technical data on pages 2 - 7, 65 and the max. working pressures on page 49



Availability: ● Short ○ Medium ○ Long

	Part No.	Connec- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
 <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>	MD-006-0-WE017-...	BSPP 3/8"	●						25	27	64	12		157	
 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	MD-006-0-WR013-...	BSPP 1/4"	●	●	○				25	19	58	11		110	
	MD-006-0-WR017-...	BSPP 3/8"	●	●	○				25	19	59	12		120	
	MD-006-0-WR021-...	BSPP 1/2"	●	●	○				25	22	62	15		140	
 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	MD-006-0-VR013-...	BSPP 1/4"	○		○			6	25	19	58	11		110	
	MD-006-0-VR017-...	BSPP 3/8"	●		○			6	25	19	59	12		120	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Self sealing couplings</p>  <p>metric male thread with 60° sealing cone to DIN 7631</p>	MD-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>	MD-006-0-DV008-...	M 14 x 1,5	○				6	25	19	79	32		130	
		 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	MD-006-0-L0612-... MD-006-0-L0814-... MD-006-0-L1016-... MD-006-0-L1218-... MD-006-0-S0816-... MD-006-0-S1018-... MD-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 L L L S S S	6 8 10 12 8 10 12	4 6 8 10 4 6 8	25 25 25 25 25 25 25	19 19 19 19 19 19 22	57 57 58 58 59 59 59	10 10 11 11 12 12 12	110 110 110 110 120 120 130
	 <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>	MD-006-0-LV008-... MD-006-0-XX211-...	M 14 x 1,5 M 16 x 1,5	○ ○			L L	8 10	6 8	25 25	19 19	79 79	32 32		130 140
		 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	MD-006-0-WR513-... MD-006-0-WR517-...	BSPP 1/4" BSPP 3/8"	● ●	● ●	○ ○			25 25	19 22	57 58	13 14		120 130



# LEHENGOAK, S.A.

Availability: ● Short   ● Medium   ○ Long

	Part No.	Conne- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
Self sealing adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	MD-006-2-WR013-... MD-006-2-WR017-... MD-006-2-WR021-...	BSPP 1/4" BSPP 3/8" BSPP 1/2"	● ● ○	● ● ○	○ ○ ○			25 25 25	19 19 22	57,5 58,5 61,5	11 12 15	21,7 21,7 21,7	85 90 110	
		 British standard pipe parallel (BSPP) male thread to DIN ISO 228, sealing profile "E" to DIN 3852-11 for o-ring or sealing ring.	MD-006-2-WE017-...	BSPP 3/8"	●					25	27	63	12	21,7	127
		 BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone	MD-006-2-VR013-... MD-006-2-VR017-...	BSPP 1/4" BSPP 3/8"	○ ●		○ ○			6 6	25 25	19 19	57,5 58,5	11 12	21,7 21,7
	 metric male thread with 60° sealing cone to DIN 7631	MD-006-2-D0614-...	M 14 x 1,5	●		○			6	25	19	56,5	10	21,7	85
	 metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm	MD-006-2-DV008-...	M 14 x 1,5	○					6	25	19	78,5	32	21,7	100
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	MD-006-2-L0612-... MD-006-2-L0814-... MD-006-2-L1016-... MD-006-2-L1218-... MD-006-2-S0816-... MD-006-2-S1018-... MD-006-2-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 L L L S S S	6 8 10 12 8 10 12	4 6 8 10 4 6 8	25 25 25 25 25 25 25	19 19 19 19 19 19 22	56,5 56,5 57,5 57,5 58,5 58,5 58,5	10 10 11 11 12 12 12	21,7 21,7 21,7 21,7 21,7 21,7 21,7	85 85 85 85 90 90 100
	 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	MD-006-2-LV008-... MD-006-2-XX211-...	M 14 x 1,5 M 16 x 1,5	○ ○			L L	8 10	6 8	25 25	19 19	78,5 78,5	32 32	21,7 21,7	100 110
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228	MD-006-2-WR513-... MD-006-2-WR517-...	BSPP 1/4" BSPP 3/8"	● ●	● ●	○ ○			25 25	19 22	56,5 57,5	13 14	21,7 21,7	90 95	

Series MD

optional features:  
 OV = without valve  
 SI = with additional axial safety lock  
 (outer diameter 34 mm)

materials:  
 standard:  
 19 = steel zinc plated, partially oil burnished  
 21 = brass, passivated  
 01 = stainless steel 1.4404/1.4571 or similar

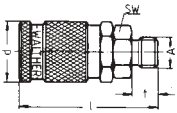
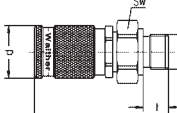
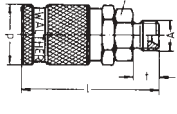
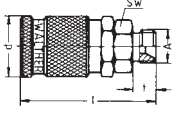
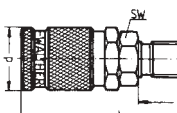
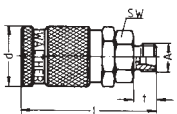
seal qualities:  
 1 = NBR  
 2 = FKM  
 4 = EPDM



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

Please note the technical data on pages 2 - 7, 65 and the max. working pressures on page 49

Availability: ● Short ○ Medium ○ Long

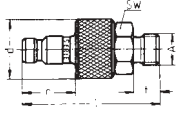
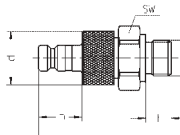
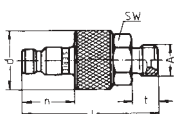
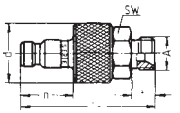
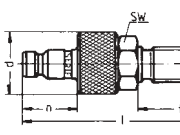
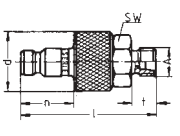
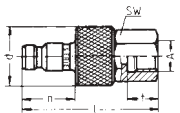
	Part No.	Connec- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
			●	○	○									
 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	MD-007-0-WR017-...-.	BSPP 3/8"	●	○	○				30	24	68	12		200
	MD-007-0-WR021-...-.	BSPP 1/2"	●	○	○				30	24	71	15		220
 <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>	MD-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>	MD-007-0-VR017-...-.	BSPP 3/8"	○	○	○			7	30	24	68	12		210
 <p>metric male thread with 60° sealing cone to DIN 7631</p>	MD-007-0-D0816-...-.	M 16 x 1,5	●	○	○			8	30	24	67	11		200
	MD-007-0-DV010-...-.	M 16 x 1,5	○	○	○			8	30	24	89,5	33,5		220
 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	MD-007-0-L1016-...-.	M 16 x 1,5	●	○	○	L	10	8	30	24	67	11		190
	MD-007-0-L1218-...-.	M 18 x 1,5	○	○	○	L	12	10	30	24	67	11		190
	MD-007-0-S1018-...-.	M 18 x 1,5	●	○	○	S	10	6	30	24	68	11		200
	MD-007-0-S1220-...-.	M 20 x 1,5	●	○	○	S	12	8	30	24	68	12		200
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	MD-007-0-WR517-...-.	BSPP 3/8"	●	○	○				30	24	68	14		210
	MD-007-0-WR521-...-.	BSPP 1/2"	●	○	○				30	27	71	17		230

Self sealing couplings





Availability: ● Short   ● Medium   ○ Long

	Part No.	Conne- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
Self sealing adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	MD-007-2-WR017-... MD-007-2-WR021-...	BSPB 3/8" BSPB 1/2"	●   ●   ●	●   ●   ○				30 30	24 24	66,5 69,5	12 15	25 25	150 170
		 British standard pipe parallel (BSPP) male thread to DIN ISO 228, sealing profile "E" to DIN 3852-11 for o-ring or sealing ring.	MD-007-2-WE017-...	BSPB 3/8"	●	●				30	27	68	12	25
	 BSPB male thread to DIN ISO 228/BS 5200 with 60° sealing cone	MD-007-2-VR017-...	BSPB 3/8"	○	○			7	30	24	66,5	12	25	150
	 metric male thread with 60° sealing cone to DIN 7631	MD-007-2-D0816-...	M 16 x 1,5	●	○			8	30	24	66,5	11	25	140
	 metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm	MD-007-2-DV010-...	M 16 x 1,5	○	○			8	30	24	88	33,5	25	170
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	MD-007-2-L1016-... MD-007-2-L1218-... MD-007-2-S1018-... MD-007-2-S1220-...	M 16 x 1,5 M 18 x 1,5 M 18 x 1,5 M 20 x 1,5	●   ○   ●   ●	○   ○   ○   ○	L L S S	10 12 10 12	8 10 6 8	30 30 30 30	24 24 24 24	65,5 65,5 66,5 66,5	11 11 12 12	25 25 25 25	150 150 160 160
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228	MD-007-2-WR517-... MD-007-2-WR521-...	BSPB 3/8" BSPB 1/2"	●   ●	●   ●	●   ○			30 30	24 27	66,5 69,5	14 15	25 25	160 180

Series MD

optional features:  
 OV = without valve  
 SI = with additional axial safety lock  
 (outer diameter 44 mm)

materials:  
 standard:  
 19 = steel zinc plated, partially oil burnished  
 21 = brass, passivated  
 01 = stainless steel 1.4404/1.4571 or similar

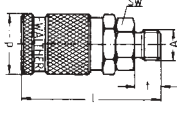
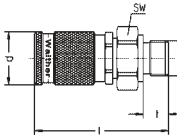
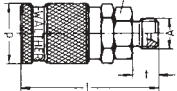
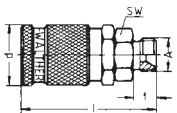
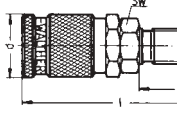
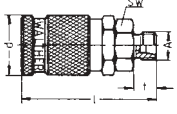
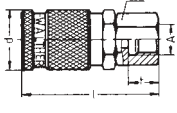
seal qualities:  
 1 = NBR  
 2 = FKM  
 4 = EPDM

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

Please note the technical data on pages 2 - 7, 65 and the max. working pressures on page 49



Availability: ● Short ○ Medium ○ Long

	Part No.	Connec- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	MD-012-0-WR021-...-	BSPP 1/2"	●	●	○				40	32	82	15		390
	MD-012-0-WR026-...-	BSPP 3/4"	●	●	○				40	32	84	17		420
	MD-012-0-WR033-...-	BSPP 1"	●	○	○				40	36	88	20		480
 <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>	MD-012-0-WE021-...-	BSPP 1/2"	●					40	32	84	14		400	
 <p>BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone</p>	MD-012-0-VR021-...-	BSPP 1/2"	●					12	40	32	82	15		390
	MD-012-0-VR026-...-	BSPP 3/4"	○		○			12	40	32	84	17		410
 <p>metric male thread with 60° sealing cone to DIN 7631</p>	MD-012-0-D1018-...-	M 18 x 1,5	●					10	40	32	78	11		380
	MD-012-0-D1222-...-	M 22 x 1,5	●		○			12	40	32	79	12		390
 <p>metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm</p>	MD-012-0-DV015-...-	M 22 x 1,5	○					13	40	32	106	39		440
 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	MD-012-0-L1218-...-	M 18 x 1,5	●		○	L	12	10	40	32	78	11		380
	MD-012-0-L1522-...-	M 22 x 1,5	●		○	L	15	12	40	32	79	12		390
	MD-012-0-S1624-...-	M 24 x 1,5	●		○	S	16	12	40	32	81	14		400
 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	MD-012-0-WR521-...-	BSPP 1/2"	●	●	○				40	32	81	17		430
	MD-012-0-WR526-...-	BSPP 3/4"	●	●	●				40	32	83	19		410

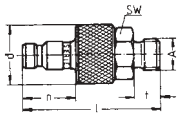
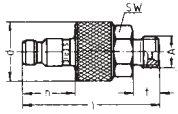
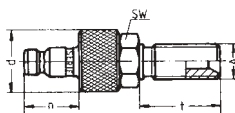
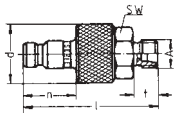
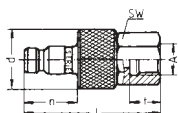
Self sealing couplings





# LEHENGOAK, S.A.

Availability: ● Short ● Medium ○ Long

	Part No.	Conne- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
			●	●	○										
Self sealing adaptors	 <p>British standard pipe parallel (BSPP) male thread to DIN ISO 228</p>	MD-012-2-WR021-... MD-012-2-WR026-... MD-012-2-WR033-...	BSPP 1/2" BSPP 3/4" BSPP 1"	● ● ○	● ● ○	○ ○ ○			40 40 40	32 32 36	82 84 88	15 17 20	31,5 31,5 31,5	300 330 390	
		MD-012-2-WE021-...	BSPP 1/2"	○	○	○			40	32	84	14	31,5	310	
		MD-012-2-VR021-... MD-012-2-VR026-...	BSPP 1/2" BSPP 3/4"	● ○	○ ○	○ ○			12 12	40 40	32 32	82 84	15 17	31,5 31,5	300 320
	 <p>metric male thread with 60° sealing cone to DIN 7631</p>	MD-012-2-D1018-... MD-012-2-D1222-...	M 18 x 1,5 M 22 x 1,5	○ ○	○ ○	○			10 12	40 40	32 32	78 79	11 12	31,5 31,5	290 300
	 <p>metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm</p>	MD-012-2-DV015-...	M 22 x 1,5	○	○	○			13	40	32	106	39	31,5	350
	 <p>metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)</p>	MD-012-2-L1218-... MD-012-2-L1522-... MD-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	78 79 81	11 12 14	31,5 31,5 31,5	290 300 310
	 <p>British standard pipe parallel (BSPP) female thread to DIN ISO 228</p>	MD-012-2-WR521-... MD-012-2-WR526-...	BSPP 1/2" BSPP 3/4"	● ●	● ●	○ ○			40 40	32 32	81 83	17 19	31,5 31,5	340 320	

Series MD

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

materials:  
 standard:  
 19 = steel zinc plated, partially oil burnished  
 21 = brass, passivated  
 01 = stainless steel 1.4404/1.4571 or similar

seal qualities:  
 1 = NBR  
 2 = FKM  
 4 = EPDM

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

Please note the technical data on pages 2 - 7, 65 and the max. working pressures on page 49



Availability: ● Short ○ Medium ○ Long

	Part No.	Connec- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
 British standard pipe parallel (BSPP) male thread to DIN ISO 228	MD-019-0-WR026-...-	BSPP 3/4"	●	●	○				54	46	100	17		840
	MD-019-0-WR033-...-	BSPP 1"	●	●	○				54	46	103	20		870
 British standard pipe parallel (BSPP) male thread to DIN ISO 228, sealing profile "E" to DIN 3852-11 for o-ring or sealing ring.	MD-019-0-WE026-...-	BSPP 3/4"	●						54	46	102	16		850
 BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone	MD-019-0-VR026-...-	BSPP 3/4"	●		○			19	54	46	100	17		850
	MD-019-0-VR033-...-	BSPP 1"	●		○			19	54	46	103	20		880
 metric male thread with 60° sealing cone to DIN 7631	MD-019-0-D1526-...-	M 26 x 1,5	●		○			15	54	46	95	12		830
	MD-019-0-D1930-...-	M 30 x 1,5	●		○			19	54	46	97	14		830
 metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm	MD-019-0-DV022-...-	M 30 x 1,5	○					19	54	46	128	45		920
 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	MD-019-0-L1826-...-	M 26 x 1,5	●		○	L	18	16	54	46	95	12		830
	MD-019-0-L2230-...-	M 30 x 2	●		○	L	22	20	54	46	97	14		830
	MD-019-0-S2030-...-	M 30 x 2	●		○	S	20	16	54	46	99	16		850
	MD-019-0-S2536-...-	M 36 x 2	●		○	S	25	20	54	46	101	18		870
 British standard pipe parallel (BSPP) female thread to DIN ISO 228	MD-019-0-WR526-...-	BSPP 3/4"	●	●	○				54	46	94	19		900
	MD-019-0-WR533-...-	BSPP 1"	●	●	○				54	46	98	23		880

Self sealing couplings



# LEHENGOTAK, S.A.

Availability: ● Short   ● Medium   ○ Long

	Part No.	Conne- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
Self sealing adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	MD-019-2-WR026-... MD-019-2-WR033-...	BSPP 3/4" BSPP 1"	● ●	● ●	○ ○			54 54	46 46	99 102	17 20	35,5 35,5	710 740	
		MD-019-2-WE026-...	BSPP 3/4"	●					54	46	101	16	35,5	720	
	 BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone	MD-019-2-VR026-... MD-019-2-VR033-...	BSPP 3/4" BSPP 1"	● ●		○ ○			19 19	54 54	46 46	99 102	17 20	35,5 35,5	710 740
		MD-019-2-D1526-... MD-019-2-D1930-...	M 26 x 1,5 M 30 x 1,5	● ●		○ ○			15 19	54 54	46 46	94 96	12 14	35,5 35,5	700 700
	 metric male thread with 60° sealing cone to DIN 7631, extended thread for bulkhead mounting, max. thickness 10 mm	MD-019-2-DV022-...	M 30 x 1,5	○					19	54	46	127	45	35,5	790
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	MD-019-2-L1826-... MD-019-2-L2230-... MD-019-2-S2030-... MD-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	94 96 98 100	12 14 16 18	35,5 35,5 35,5 35,5	700 700 720 740
		 British standard pipe parallel (BSPP) female thread to DIN ISO 228	MD-019-2-WR526-... MD-019-2-WR533-...	BSPP 3/4" BSPP 1"	● ●	● ●	○ ○			54 54	46 46	93 97	19 23	35,5 35,5	770 750

Series MD

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

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

**materials:**  
**standard:**  
 19 = steel zinc plated, partially oil burnished  
 21 = brass, passivated  
 01 = stainless steel 1.4404/1.4571 or similar

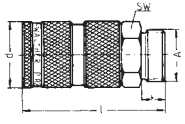
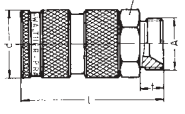
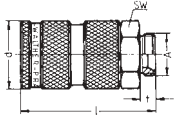
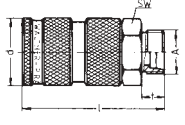
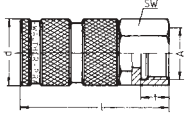
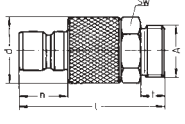
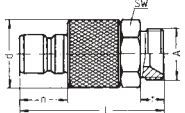
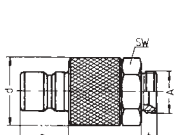
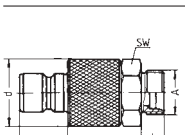
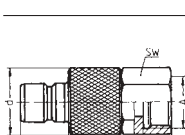
**special materials:**  
 13 = steel, chem. nickel plated  
 24 = brass, chem. nickel plated  
 22 = brass, chrome plated

**seal qualities:**  
 1 = NBR  
 2 = FPM  
 4 = EPDM

Please note the  
 technical data on  
 pages 2 - 7, 65 and the  
 max. working pressures  
 on page 49



Availability: ● Short ○ Medium ○ Long

	Part No.	Connec- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
Self sealing couplings	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	MD-025-0-WR048-...	BSPP 1 1/2"	●	○	○			62	55	132	22		1710	
	 BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone	MD-025-0-VR048-...	BSPP 1 1/2"	●		○			62	55	132	22		1640	
	 metric male thread with 60° sealing cone to DIN 7631	MD-025-0-D2538-...	M 38 x 1,5	●		○			25	62	55	124	14	1650	
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	MD-025-0-S3042-...	M 42 x 2	●		○	S	30	25	62	55	130	20	1610	
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228	MD-025-0-WR548-...	BSPP 1 1/2"	●	○	○			62	55	138,5	25		1740	
Self sealing adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228	MD-025-2-WR048-...	BSPP 1 1/2"	●	○	○			62	55	133	22	45	1370	
	 BSPP male thread to DIN ISO 228/BS 5200 with 60° sealing cone	MD-025-2-VR048-...	BSPP 1 1/2"	●		○			62	55	133	22	45	1300	
	 metric male thread with 60° sealing cone to DIN 7631	MD-025-2-D2538-...	M 38 x 1,5	●		○			25	62	55	125	14	45	1310
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S)	MD-025-2-S3042-...	M 42 x 2	●		○	S	30	25	62	55	131	20	45	1280
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228	MD-025-2-WR548-...	BSPP 1 1/2"	●	○	○			62	55	139,5	25	45	1400	

**optional features:**  
 GG = with ring grips (cast aluminium)  
 OV = without valve  
 SI = with additional axial safety lock  
 (outer diameter 89 mm)

**materials:**  
**standard:**  
 19 = steel zinc plated, partially oil burnished  
 21 = brass, passivated  
 01 = stainless steel 1.4404/1.4571 or similar

**seal qualities:**  
 1 = NBR  
 2 = FKM  
 4 = EPDM

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

Please note the technical data on pages 2 - 7, 65 and the max. working pressures on page 49



Availability: ● Short    ● Medium    ○ Long

	Part No.	Conne- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
Self sealing couplings	 British standard pipe parallel (BSPP) male thread to DIN ISO 228 MD-032-0-WR048-... MD-032-0-WR060-...	BSPP 1 1/2"	●	●	○				82	75	139	22		3080
		BSPP 2"	○	○	○				82	75	143	26		3290
	 metric male thread with 60° sealing cone to DIN 7631 MD-032-0-D3245-...	M 45 x 1,5	○					32	82	75	128	16		2880
		 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S) MD-032-0-S3852-...	M 52 x 2	●			S	38	32	82	75	134	22	
 British standard pipe parallel (BSPP) female thread to DIN ISO 228 MD-032-0-WR548-... MD-032-0-WR560-...	BSPP 1 1/2"		●	●	○				82	75	126	25		3050
	BSPP 2"	●	●	○				82	75	130	29			2920
Thru type couplings	 British standard pipe parallel (BSPP) male thread to DIN ISO 228 MD-032-4-WR048-... MD-032-4-WR060-...	BSPP 1 1/2"	○	○	○				82	70	110	23		2190
		BSPP 2"	○	○	○				82	70	113	26		2390
	 metric male thread with 60° sealing cone to DIN 7631 MD-032-4-D3245-...	M 45 x 1,5	○	○	○			32	82	70	103	16		2140
		 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S) MD-032-4-S3852-...	M 52 x 2	○	○	○	S	38	32	82	70	109	22	
 British standard pipe parallel (BSPP) female thread to DIN ISO 228 MD-032-4-WR548-... MD-032-4-WR560-...	BSPP 1 1/2"		○	○	○				82	70	87	25		1890
	BSPP 2"	○	○	○				82	70	87	27			1700

optional features:  
OV = without valve

materials:  
standard:  
19 = steel zinc plated, partially oil burnished  
21 = brass, passivated  
01 = stainless steel 1.4404/1.4571 or similar  
12 = steel, oil burnished  
special materials:  
13 = steel, chem. nickel plated  
24 = brass, chem. nickel plated  
22 = brass, chrome plated  
31 = aluminium anodized silver

seal qualities:  
1 = NBR  
2 = FKM  
4 = EPDM



Availability: ● Short ○ Medium ○ Long

Please note the technical data on pages 2 - 7, 65 and the max. working pressures on page 49

	Part No.	Connec- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 ti/ 1.4571	steel oil burnished	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
Self sealing adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228 MD-032-2-WR048-... MD-032-2-WR060-...	BSPP 1 1/2"	●	●	○					82	75	137,5	22	41	2600	
		BSPP 2"	○	○	○					82	75	141,5	26	41	2810	
	 metric male thread with 60° sealing cone to DIN 7631 MD-032-2-D3245-...	M 45 x 1,5	○							32	82	75	126,5	16	41	2400
		M 52 x 2	●				S	38	32	82	75	132,5	22	41	2460	
Thru type adaptors	 British standard pipe parallel (BSPP) female thread to DIN ISO 228 MD-032-2-WR548-... MD-032-2-WR560-...	BSPP 1 1/2"	●	●	○					82	75	124,5	25	41	2570	
		BSPP 2"	●	●	○					82	75	128,5	29	41	2440	
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S) MD-032-1-D3245-...	M 45 x 1,5		○	○	○				32	61,3	55	70,5	16	41	510
		M 52 x 2		○	○	○	S	38	32	66,9	60	82	22	41	630	
 British standard pipe parallel (BSPP) female thread to DIN ISO 228 MD-032-1-WR548-... MD-032-1-WR560-...	BSPP 1 1/2"		○	○	○					66	60	75	25	41	700	
	BSPP 2"		○	○	○					78	70	77	27	41	820	



**optional features:**  
 GG = with ring grips (cast aluminium)  
 OV = without valve  
 SI = with additional axial safety lock  
 (outer diameter 116 mm)

**materials:**  
**standard:**  
 19 = steel zinc plated, partially oil burnished  
 21 = brass, passivated  
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**seal qualities:**  
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**special materials:**  
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 22 = brass, chrome plated  
 31 = aluminium anodized silver

Please note the technical data on pages 2 - 7, 65 and the max. working pressures on page 49



Availability: ● Short    ◐ Medium    ○ Long

	Part No.	Conne- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 Ti/ 1.4571	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]
Self sealing couplings	 British standard pipe parallel (BSPP) male thread to DIN ISO 228 MD-050-0-WR060-... MD-050-0-WR075-...	BSPP 2"	●	○	○				112	100	162	26		5530
		BSPP 2 1/2"			○				112	100	164	30		5540
	 metric male thread with 60° sealing cone to DIN 7631 MD-050-0-D4965-...	M 65 x 2						49	112	100	159	18		5460
		 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S) MD-050-0-L4252-...	M 52 x 2	○			L	42	36	112	100	158	16	
 British standard pipe parallel (BSPP) female thread to DIN ISO 228 MD-050-0-WR560-... MD-050-0-WR575-...	BSPP 2"		●	○	○				112	100	158	29		6140
	BSPP 2 1/2"	○	○	○				112	100	167	33		5930	
Thru type couplings	 British standard pipe parallel (BSPP) male thread to DIN ISO 228 MD-050-4-WR060-... MD-050-4-WR075-...	BSPP 2"	○	○	○				112	100	132,5	26		4090
		BSPP 2 1/2"	○	○	○				112	100	137,5	30		4340
	 metric male thread with 60° sealing cone to DIN 7631 MD-050-4-D4965-...	M 65 x 2						49	112	100	125,5	18		3980
		 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S) MD-050-4-L4252-...	M 52 x 2				L	42	36	112	100	122	16	
 British standard pipe parallel (BSPP) female thread to DIN ISO 228 MD-050-4-WR560-... MD-050-4-WR575-...	BSPP 2"		○	○	○				112	100	112	29		4600
	BSPP 2 1/2"	○	○	○				112	100	112	33		4100	

optional features:  
OV = without valve

materials:  
standard:  
19 = steel zinc plated, partially oil burnished  
21 = brass, passivated  
01 = stainless steel 1.4404/1.4571 or similar  
12 = steel, oil burnished  
special materials:  
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Availability: ● Short ○ Medium ○ Long

Please note the technical data on pages 2 - 7, 65 and the max. working pressures on page 49

	Part No.	Connec- tion A	steel zinc/ oil burn.	brass passivated	AISI 316 ti/ 1.4571	steel oil burnished	series	pipe OD	n. b.	d	SW	l	t	n	weight [g]	
			○	○	○	○										
Self sealing adaptors	 British standard pipe parallel (BSPP) male thread to DIN ISO 228 MD-050-2-WR060-... MD-050-2-WR075-...	BSPP 2"	●	○	○					112	100	162	26	50	5010	
		BSPP 2 1/2"			○					112	100	164	30	50	5020	
	 metric male thread with 60° sealing cone to DIN 7631 MD-050-2-D4965-...	M 65 x 2							49	112	100	159	18	50	4940	
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S) MD-050-2-L4252-...	M 52 x 2		○			L	42	36	112	100	158	16	50	4890	
Thru type adaptors	 British standard pipe parallel (BSPP) female thread to DIN ISO 228 MD-050-1-WR060-... MD-050-1-WR075-...	BSPP 2"	○	○	○					92	85	92	26	50	1660	
		BSPP 2 1/2"	○	○	○					92	85	96	30	50	1720	
	 metric male thread with 60° sealing cone to DIN 7631 MD-050-1-D4965-...	M 65 x 2							49	92	85	93	18	50	1550	
	 metric male thread with 24° sealing cone to DIN 2353 (light duty series L, heavy duty series S) MD-050-1-L4252-...	M 52 x 2					L	42	36	92	85	91	16	50	1510	
	 British standard pipe parallel (BSPP) female thread to DIN ISO 228 MD-050-1-WR560-... MD-050-1-WR575-...	BSPP 2"		○	○	○					92	85	86	29	50	1930
		BSPP 2 1/2"		○	○	○					92	85	89	33	50	1580

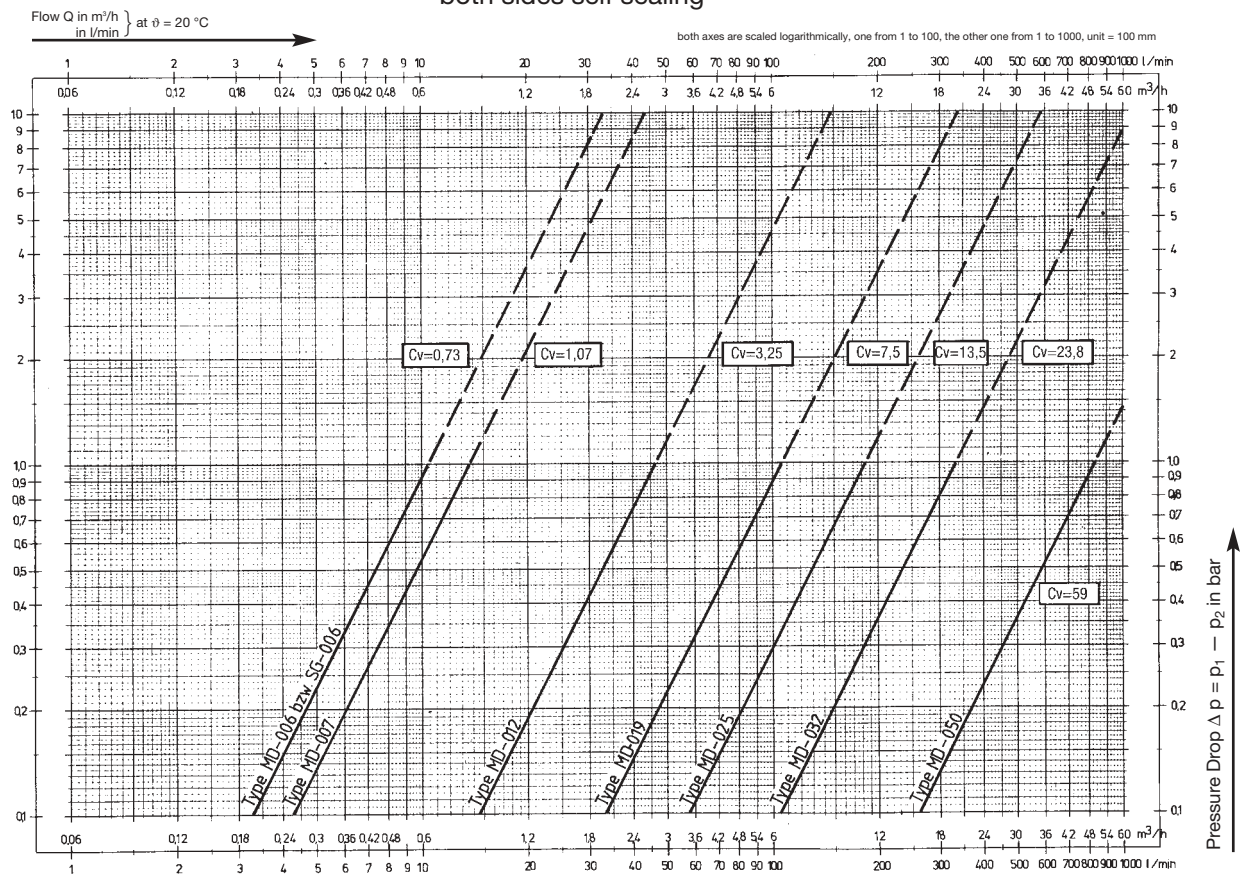
Measurement of flow coefficients  $C_v$  according to DIN EN 60534

Flow speeds of 8 m/sec should not be exceeded



Medium Water  
both sides self sealing

1 bar = 14,5 PSI



Medium Air working pressure 6 bar gauge pressure  
both sides self sealing

