

7 Double Seat Mixproof Valve M



INFORMATION

Double seat valves are needed to help manage the flow of product or cleaning fluids in highly automated systems. Pre-programmed routings can be used to control the production sequence.

Parallel flows in a tank farm can be reliably kept separate, increasing the efficiency of production operations.

The design configuration and seal geometry are the essential features of this valve technology.

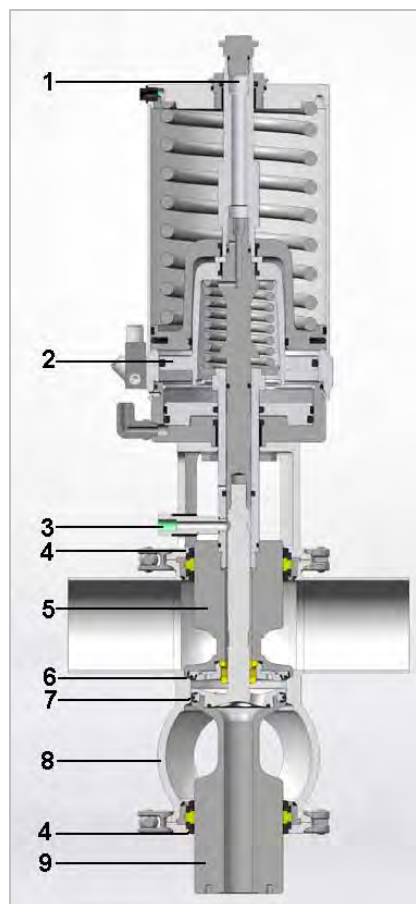
Two factors play a crucial role in design for maximum reliability and durability:

- axial and radial sealing in the valve housing using an identical seal and
- static fixing point decoupled from the dynamically loaded sealing point.

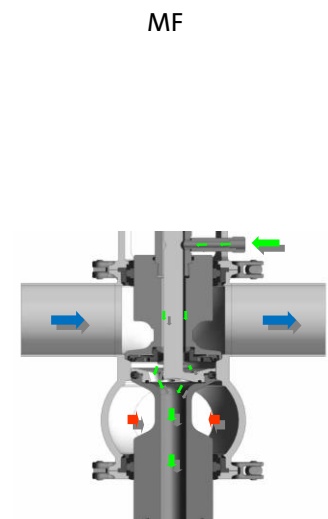
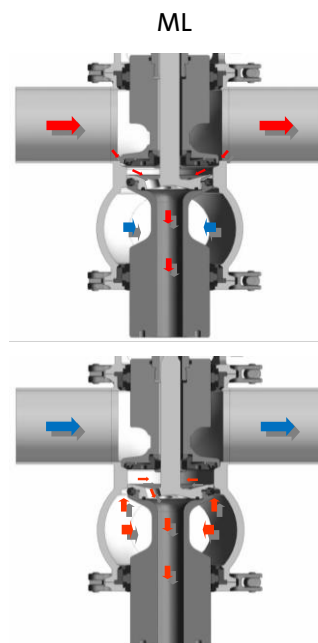
The actuator has a built-in timing function which supports fast, short cycle times and keeps air consumption to an absolute minimum. This gives machine designers great flexibility to deploy double seat valve blocks.

Design features of modular double seat mixproof valves

- New seal geometry, general-purpose seal for axial and radial sealing
- Defined clearance, seals easy to install
- Shaft seal with wiper function protects against contamination ingress
- Cleaning of leakage chamber via defined throttle gap by cycling the valve disk at the top or bottom type ML, optional cleaning via flush connection type MF
- Valve disk in bottom and top housing with balancer
- Actuator with connection for internal airflow
- New actuator design with built-in timing function for double seat mixproof valves
- Switching without leakage



- 1 Internal airflow on version with control head
- 2 Actuator with integrated timing function
- 3 Flushing connection
- 4 Shaft seal with wiper function
- 5 Valve disk at top with balancer
- 6 Axial seal
- 7 Radial seal
- 8 Single-piece housing / no dead space
- 9 Valve disk bottom with balancer



TECHNICAL DATA

Pressures

Product pressure	PN 145 psi (10 bar) / vacuum -13.8 psi (-0.95 bar)
Housing	PN 360 psi (25 bar)
Control air pressure	min. 87 psi (6 bar) - max. 115 psi (8 bar)
Pressure resistance	min. 650 psi (45 bar)

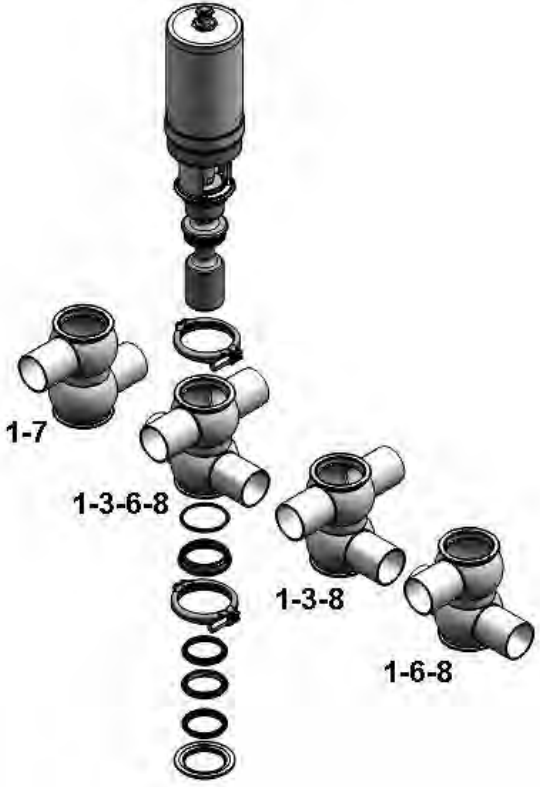
Material

With product contact	1.4404 / AISI 316L
Without product contact	1.4301
Seal	EPDM / FDA
	Further materials available upon request

Surface

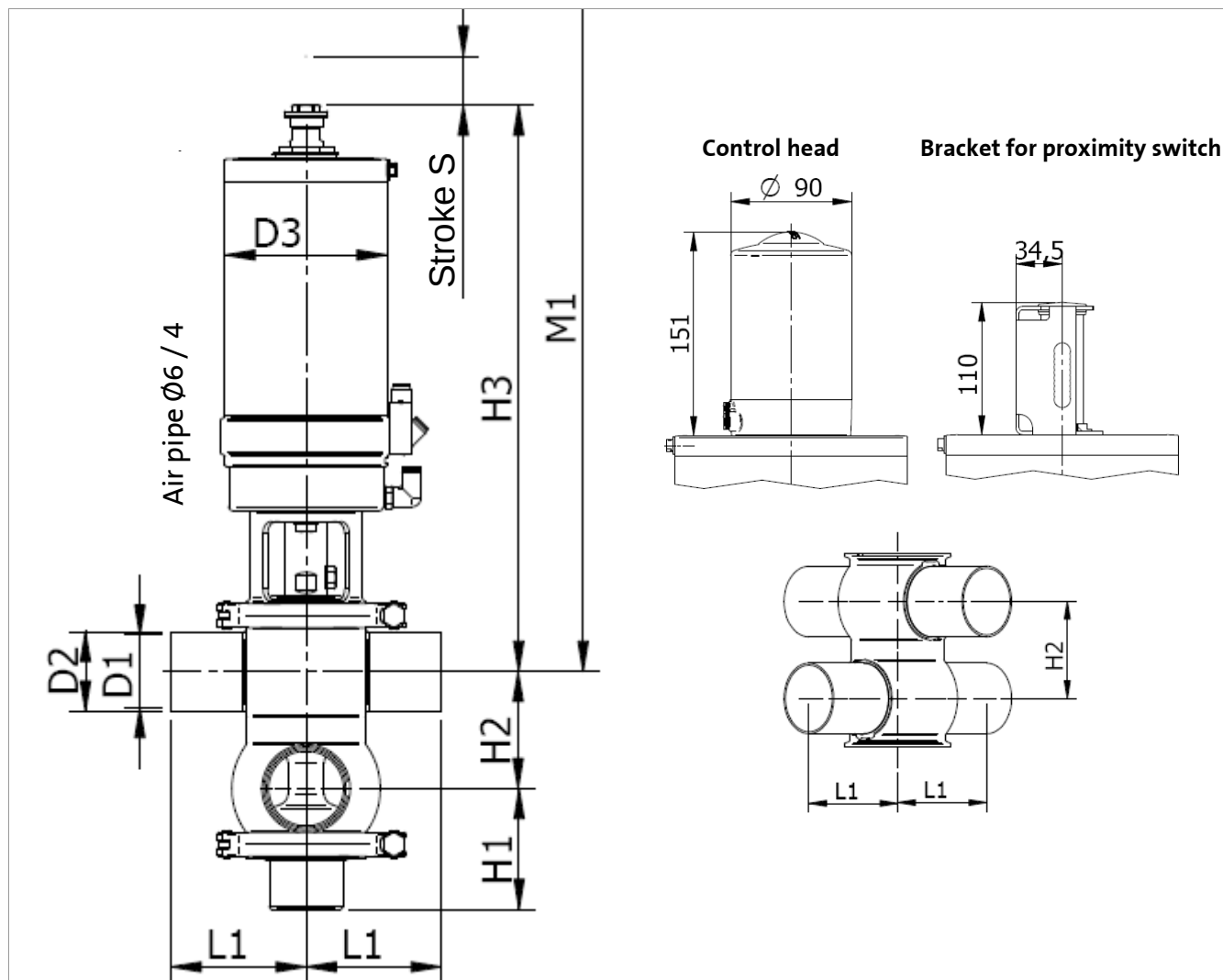
With product contact	$Ra \leq 0.8 \mu$
Without product contact	$Ra \leq 1.6 \mu$

Designs

Housing versions	
Actuator	Pneumatic actuator NC
Additional equipment	Control head Proximity switch M12x1

According to legal requirements
 EU Pressure Equipment Directive 2014/68/EU
 EU Machinery Directive 2006/42/EC
 Design check by TÜV Süd

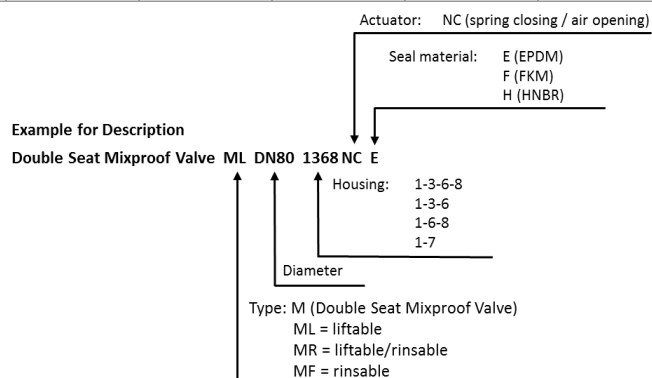


DOUBLE SEAT MIXPROOF VALVE M DN

Dimensions

DN	ØD1 mm	ØD2 mm	ØD3 mm	L1 mm	H1 mm	H2 mm	H3 mm	M1 mm	Stroke mm
25	26	29	89	90	66	53	316	490	20
40	38	41	108	90	70	66	373	540	24
50	50	53	108	90	81	78	381	585	31
65	66	70	133	125	100	96	434	680	38
80	81	85	133	125	110	111	443	720	42
100	100	104	133	125	131	130	461	805	48
125	125	129	177	150	159	155	571	980	57
150	150	154	177	150	181	180	584	1050	67

Weight

DN	1-3-6-8 kg	1-6-8 kg	1-3-8 kg	1-7 kg
25	8,2	8,2	8,2	8,2
40	13,2	13,2	13,2	13,2
50	13,9	13,7	13,7	13,7
65	21,7	21,2	21,2	20,8
80	27,0	27,0	27,0	27,6
100	37,2	29,1	29,1	29,3
125	66,9	62,3	62,3	67,9
150	94,6	91,0	91,0	94,9

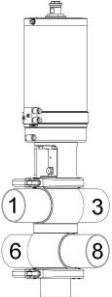


DOUBLE SEAT MIXPROOF VALVE ML LIFTABLE DN

Including switch mount for proximity switch

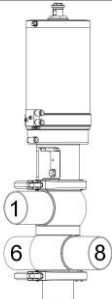
1-3-6-8

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25	0903389766		
	40	0902296803		0902966169
	50	0902297085	0904353222	0903173474
	65	0902297712	0903940341	0903559932
	80	0902297759	0904136548	0902842668
	100	0902297858		0903139362
	125	0902416684		
	150	0902847411		0904968451

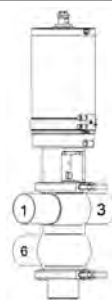
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1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25	0904009265		
	40	0902344283		0902966166
	50	0902344655	0904353224	0903173479
	65	0902326665		
	80	0902326838		0903112926
	100	0902804047		0903139460
	125	0902569377		
	150	0904519086		

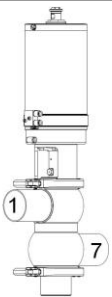
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1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25	0904105117		
	40	0902344341		0902842659
	50	0902344628	0904353225	0904218276
	65	0902328514		0903683596
	80	0902334646		0902842667
	100	0902740300		0903139385
	125	0903188729		
	150	0903635920		

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1.4404 / AISI 316L

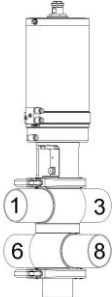
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		Material no.	Material no.	Material no.
	25	0904652037		
	40	0902508329		0902842759
	50	0902327392	0904368950	0904188676
	65	0902491824		0903188668
	80	0902774521		0902842666
	100	0902774523		0903139466
	125	0902956291		
	150	0904652040		

DOUBLE SEAT MIXPROOF VALVE MR LIFTABLE / RINSABLE DN

Including switch mount for proximity switch

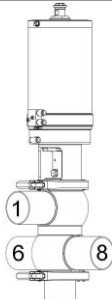
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1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40	0902201461		
	50	0902297083		
	65	0902180723		0903878730
	80	0902290291		
	100	0902182072		
	125	0903428968		
	150	0905031074		

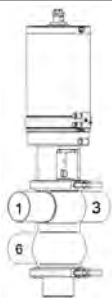
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1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50	0903429641		
	65	0903727325		0903885645
	80			
	100	0903429667		
	125			
	150			

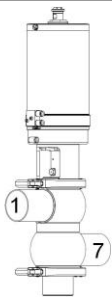
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1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			0904478584
	80	0903182265		
	100	0903577356		
	125			
	150			

1-7

1.4404 / AISI 316L

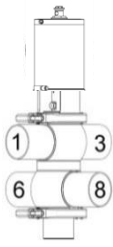
	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			0903881594
	80	0903182596		
	100	0903577359		
	125			
	150			

DOUBLE SEAT MIXPROOF VALVE MF RINSABLE DN

Including switch mount for proximity switch

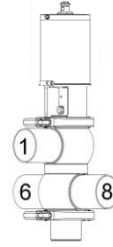
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1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50	0904582032		
	65	0904440593		
	80	0904578512		
	100	0904581081		
	125	0904630695		
	150	0904584732		

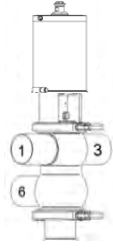
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1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50	0904582034		
	65	0904602505		
	80	0904550735		
	100	0904630696		
	125			
	150			

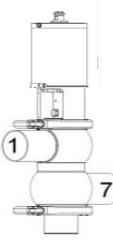
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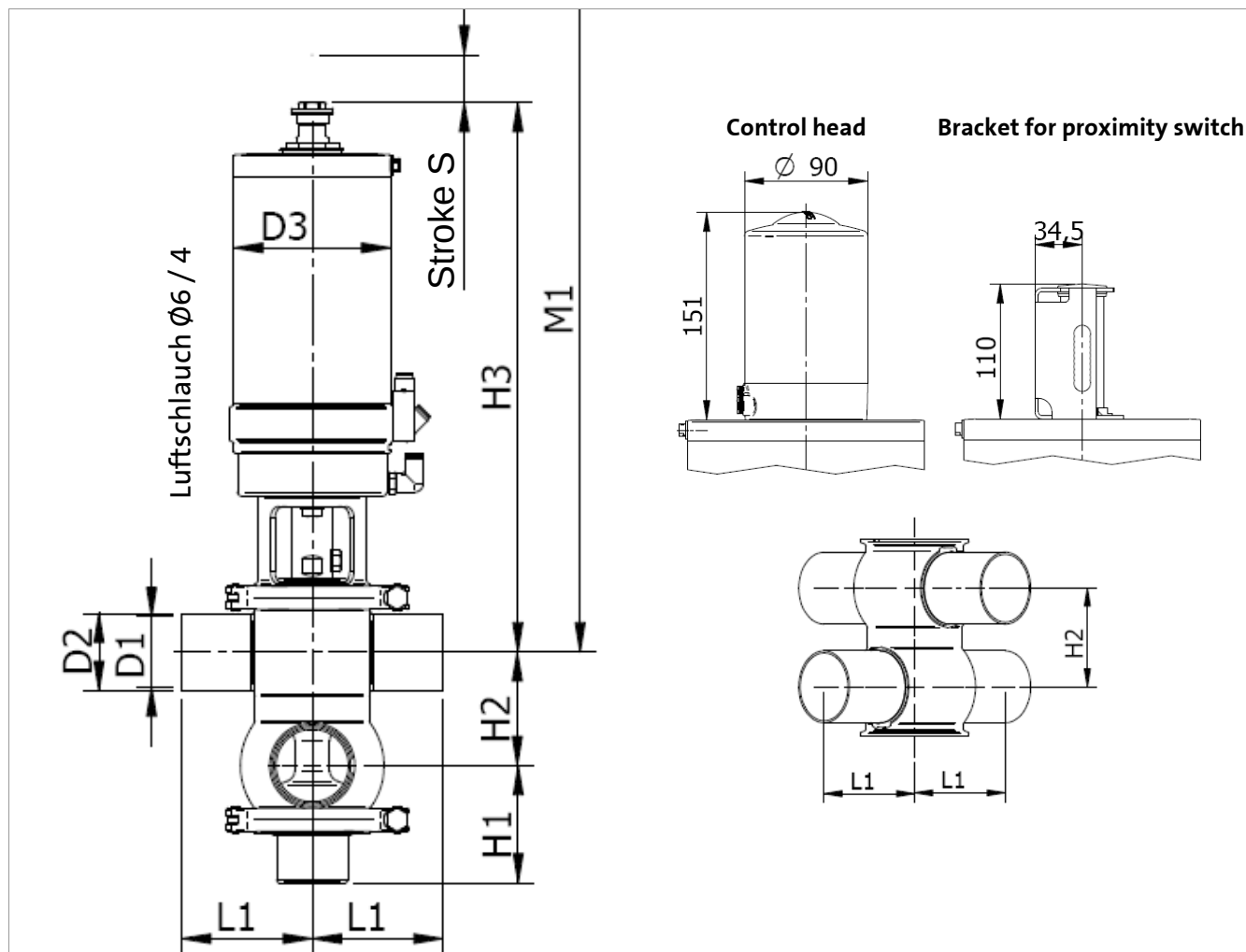
1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50	0904582033		
	65	0904869552		
	80	0904602507	0904869518	0904897179
	100	0904551022		
	125	0904581983		
	150			

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1.4404 / AISI 316L

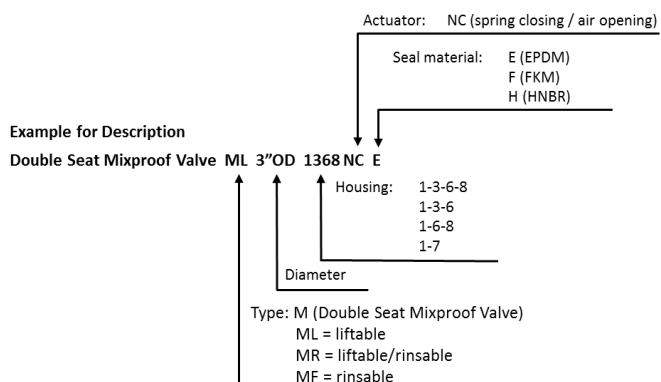
	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65	0904680623		
	80	0904868824	0904869364	
	100	0904868827		
	125	0904897159		
	150	0904866079		

DOUBLE SEAT MIXPROOF VALVE M OD

Dimensions

Inch OD	ØD1 mm	ØD2 mm	ØD3 mm	L1 mm	H1 mm	H2 mm	H3 mm	M1 mm	Stroke mm
1"									
1,5"	34,8	38,1	108	90	71	62,8	371,5	550	22
2"	47,5	50,8	108	90	81,7	75,5	378	590	30,5
2,5"	60,2	63,5	133	125	103	90,2	432	680	34,5
3"	76,2	72,9	133	125	217	102,9	439	720	38,5
4"	97,38	101,6	133	125	260	127,4	460	800	45
5"									
6"									

Weight

Inch OD	1-3-6-8 kg	1-6-8 kg	1-3-8 kg	1-7 kg
1"	8,2	8,2	8,2	8,2
1,5"	13,2	13,2	13,2	13,2
2"	13,9	13,7	13,7	13,7
2,5"	21,7	21,2	21,2	20,8
3"	27,0	27,0	27,0	27,6
4"	37,2	29,1	29,1	29,3
5"				
6"	94,6	91,0	91,0	94,9

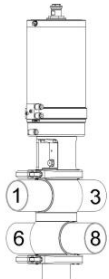


DOUBLE SEAT MIXPROOF VALVE ML LIFTABLE OD

Including switch mount for proximity switch

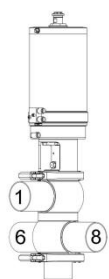
1-3-6-8

1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
1"				
1,5"	0903347829			
2"	0903348077			
2,5"	0904914953			
3"	0903098336			
4"	0903332334			
5"				
6"				

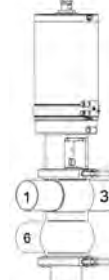
1-6-8

1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
1"				
1,5"				
2"	0903332444			
2,5"	0904248381			
3"	0903332447			
4"	0903332448			
5"				
6"				

1-3-6

1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
1"				
1,5"				
2"	0904920898			
2,5"				
3"	0903332451			
4"	0903332452			
5"				
6"				

1-7

1.4404 / AISI 316L

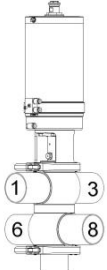
	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
1"				
1,5"				
2"	0903455275			
2,5"	0904648390			
3"	0903098338			
4"	0903332455			
5"				
6"				

DOUBLE SEAT MIXPROOF VALVE MR LIFTABLE / RINSABLE OD

Including switch mount for proximity switch

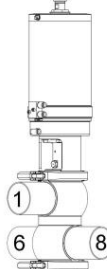
1-3-6-8

1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	1"			
	1,5"			
	2"			
	2,5"			
	3"			
	4"			
	5"			
	6"			

1-6-8

1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	1"			
	1,5"			
	2"			
	2,5"			
	3"			
	4"			
	5"			
	6"			

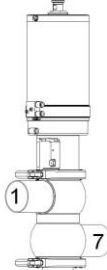
1-3-6

1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	1"			
	1,5"			
	2"			
	2,5"			
	3"			
	4"			
	5"			
	6"			

1-7

1.4404 / AISI 316L

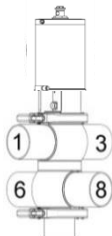
	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	1"			
	1,5"			
	2"			
	2,5"			
	3"			
	4"			
	5"			
	6"			

DOUBLE SEAT MIXPROOF VALVE MF RINSABLE OD

Including switch mount for proximity switch

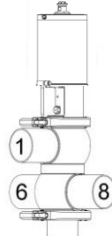
1-3-6-8

1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	1"			
	1,5"			
	2"			
	2,5"			
	3"			
	4"			
	5"			
	6"			

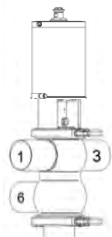
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1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	1"			
	1,5"			
	2"			
	2,5"			
	3"			
	4"			
	5"			
	6"			

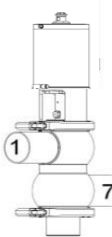
1-3-6

1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	1"			
	1,5"			
	2"			
	2,5"			
	3"			
	4"			
	5"			
	6"			

1-7

1.4404 / AISI 316L

	Inch OD	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	1"			
	1,5"			
	2"			
	2,5"			
	3"			
	4"			
	5"			
	6"			

SPARE PARTS DOUBLE SEAT MIXPROOF VALVE M

Seal kit with product contact, ML liftable DN

DN	EPDM	HNBR	FKM
	Material no.	Material no.	Material no.
25	0903520203		0903875308
40	0902472315	0904353221	0902843840
50	0902472315	0904353221	0902843840
65	0902472316	0904155426	0902843841
80	0902472317	0904249694	0902843843
100	0902472318	0904155488	0902843844
125	0902472319		
150	0903333880		0904968452

Seal kit with product contact, MF rinsable and MR liftable/rinsable DN

DN	EPDM	HNBR	FKM
	Material no.	Material no.	Material no.
25	0904901950		
40	0902759387		0903877907
50	0902759387		0903877907
65	0902759388		0903877981
80	0902759389	0904869367	0903877988
100	0902759470		0903878003
125	0903428967		
150			

Seal kit with product contact, ML liftable OD

Inch OD	EPDM	HNBR	FKM
	Material no.	Material no.	Material no.
1"	0903520203		0903875308
1,5"	0902472315	0904353221	0902843840
2"	0902472315	0904353221	0902843840
2,5"	0902472316	0904155426	0902843841
3"	0902472317	0904249694	0902843843
4"	0902472318	0904155488	0902843844
5"			
6"	0903333880		

Seal kit with product contact, MF rinsable and MR liftable/rinsable OD

Inch OD	EPDM	HNBR	FKM
	Material no.	Material no.	Material no.
1"	0904901950		
1,5"	0902759387		0903877907
2"	0902759387		0903877907
2,5"	0902759388		0903877981
3"	0902759389	0904869367	0903877988
4"	0902759470		0903878003
5"			
6"			

Bearing set, ML liftable

DN	Material no.
25	0903521041
40	0902472489
50	0902472489
65	0902796425
80	0902796426
100	0902796427
125	0903521177
150	0903521245

Bearing set, MR liftable / rinsable

DN	Material no.
25	
40	0902761309
50	0902761309
65	0902761420
80	0902761421
100	0902761422
125	0903428953
150	0904204243

Bearing set, MF rinsable

DN	Material no.
25	
40	0904229782
50	0904229782
65	0904229785
80	0904229787
100	0904229789
125	
150	0904584378

Seal kit, actuator, ML liftable and MR liftable/ rinsable

DN	Material no.
25	0903520279
40	0902472363
50	0902472363
65	0902472364
80	0902472364
100	0902472364
125	0903195022
150	0903195022

Seal kit, actuator, MF rinsable

	DN		
		Material no.	
	25		
	40		
	50		
	65		
	80	0904230348	
	100		
	125		
	150		

DOUBLE SEAT TANK OUTLET VALVE MT

Double seat valves are needed to help manage the flow of product or cleaning fluids in highly automated systems. Pre-programmed routings can be used to control the production sequence.

To include all tanks in this process, double seat tank outlet valves are necessary, to keep separate the processes in a tank farm, increasing the efficiency of production operations.

The design configuration and seal geometry are the essential features of this valve technology.

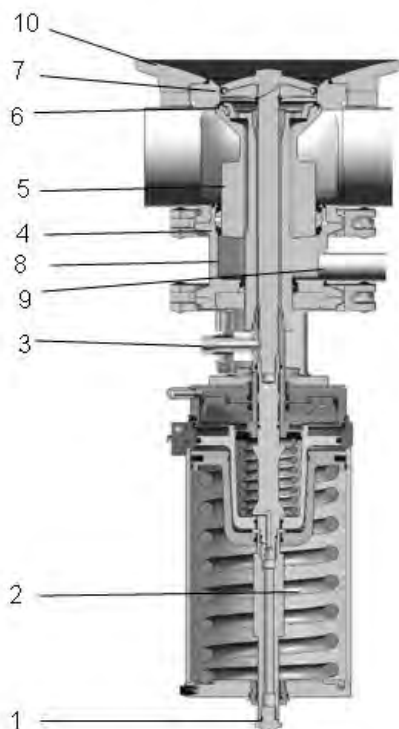
Two factors play a crucial role in design for maximum reliability and durability:

- axial and radial sealing in the valve housing using an identical seal and
- static fixing point decoupled from the dynamically loaded sealing point.

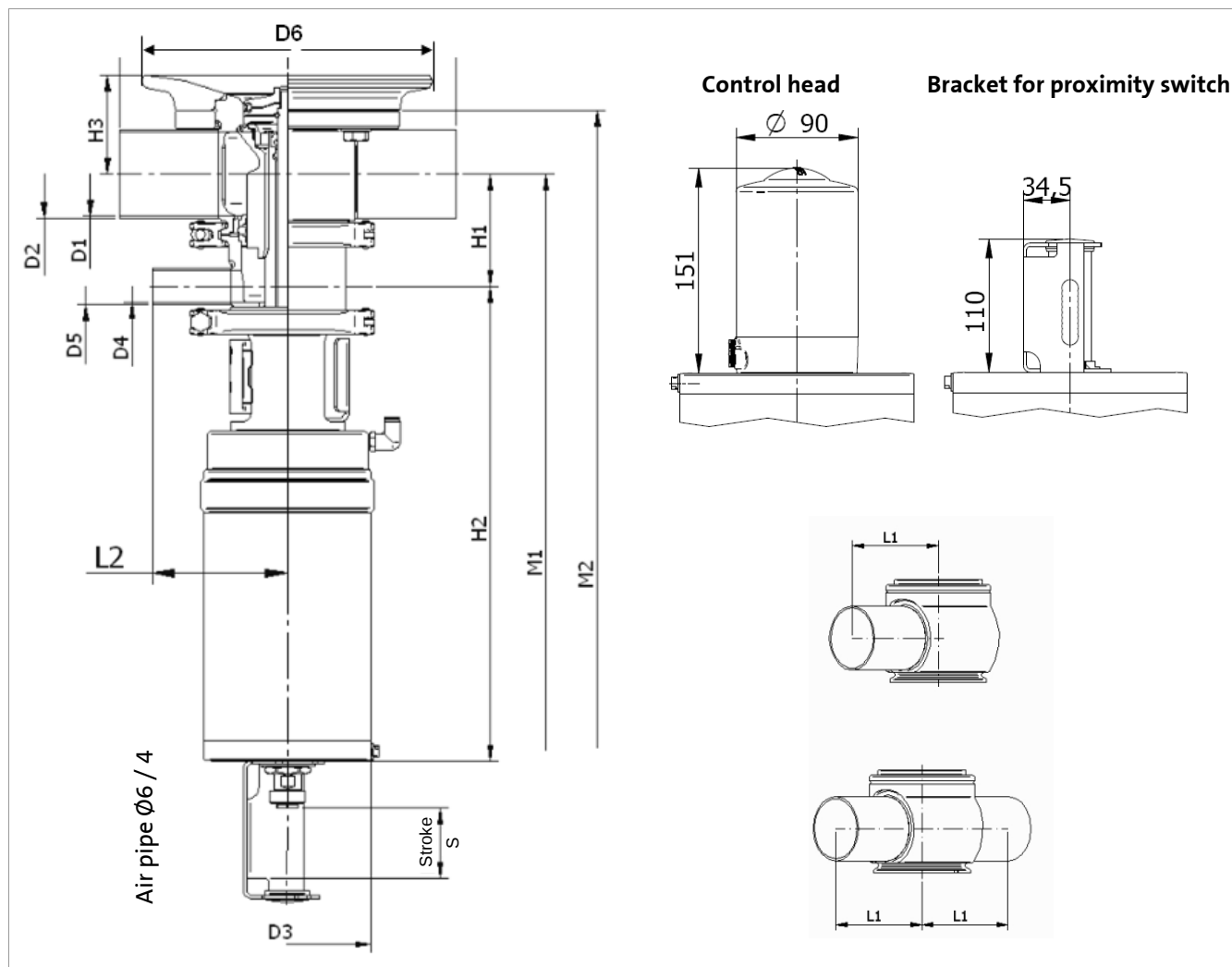
The actuator has a built-in timing function which supports fast, short cycle times and keeps air consumption to an absolute minimum. This gives machine designers great flexibility to deploy double seat valve blocks.

Design features of modular double seat tank outlet valves

- New seal geometry, general-purpose seal for axial and radial sealing
- Defined clearance, seals easy to install
- Cleaning of leakage chamber via defined throttle gap by cycling the valve disk at the top or bottom, optional cleaning via flush connection
- Valve disk in housing with balancer
- Actuator with connection for internal airflow
- New actuator design with built-in timing function for double seat mixproof valves
- Switching without leakage



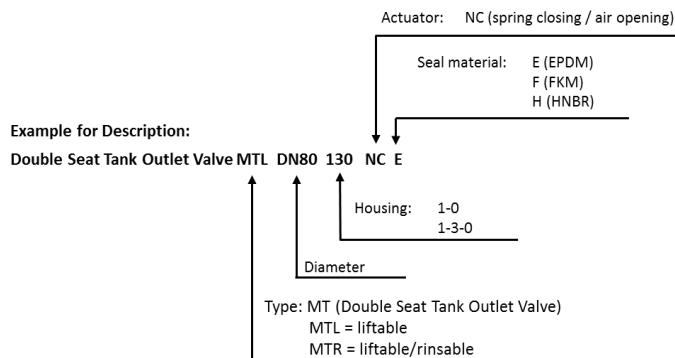
- 1 Internal airflow on version with control head
- 2 Actuator with integrated timing function
- 3 Flushing connection
- 4 Shaft seal with wiper function
- 5 Valve disk at top with balancer
- 6 Axial seal
- 7 Radial seal
- 8 Safety chamber
- 9 Leakage
- 10 Flange

DOUBLE SEAT TANK OUTLET VALVE MT

Dimensions

DN	ØD1 mm	ØD2 mm	ØD3 mm	ØD4 mm	ØD5 mm	ØD6 mm	L1 mm	L2 mm	H1 mm	H2 mm	H3 mm	M1 mm	Stroke mm
25													
40	38	41	108	20	23	190	91	74	69	327	58	595	24
50	50	53	108	20	23	190	93	74	74	333	64	625	31
65	66	70	133	26	29	230	133	107	90	415	78,5	700	39
80	81	85	133	26	29	250	134	115	102	445	87,5	800	42
100	100	104	133	26	29	280	137	123	124	453	102	855	47
125	125	129											57
150													

Weight

DN	1-0 kg	1-3-0 kg
25		
40	14,2	14,0
50	15,7	15,2
65	27,8	27,5
80	33,1	31,9
100	50,3	47,2
125		82,9
150		

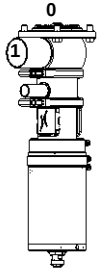


DOUBLE SEAT TANK OUTLET VALVE - MTL LIFTABLE PRODUCT PRESSURE 4 BAR

Including switch mount for proximity switch
Tank flange is not included!

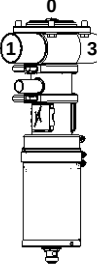
1-0

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			
	80			
	100	0904061742		
	125			
	150			

1-3-0

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			
	80	0903190958		
	100	0903242464		
	125			
	150			

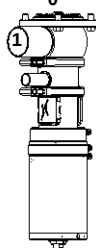
DOUBLE SEAT TANK OUTLET VALVE - MTL LIFTABLE PRODUCT PRESSURE 6 BAR

Including switch mount for proximity switch

Tank flange is not included!

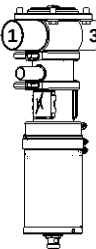
1-0

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			
	80			
	100			
	125			
	150			

1-3-0

1.4404 / AISI 316L

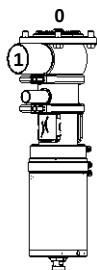
	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40	0903235718		
	50	0903233703		
	65			
	80			
	100			
	125	0904067762		
	150			

DOUBLE SEAT TANK OUTLET VALVE - MTR LIFTABLE / RINSABLE PRODUCT PRESSURE 4 BAR

Including switch mount for proximity switch
Tank flange is not included!

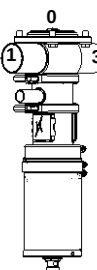
1-0

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			
	80			
	100			
	125			
	150			

1-3-0

1.4404 / AISI 316L

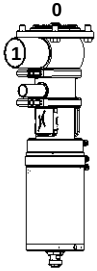
	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			
	80			
	100	0904324266		
	125			
	150			

DOUBLE SEAT TANK OUTLET VALVE - MTR LIFTABLE / RINSABLE PRODUCT PRESSURE 6 BAR

Including switch mount for proximity switch
Tank flange is not included!

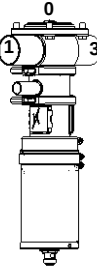
1-0

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
25				
40				
50				
65				
80				
100				
125				
150				

1-3-0

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
25				
40				
50				
65				
80				
100				
125				
150				

Tank flange

1.4404 / AISI 316L

	DN	
		Material no.
25		
40		0902888419
50		0902888419
65		0902944701
80		0902620094
100		0902620095
125		0903995180
150		

SPARE PARTS DOUBLE SEAT TANK OUTLET VALVE MT

Seal kit with product contact, MTL liftable

DN	EPDM	HNBR	FKM
	Material no.	Material no.	Material no.
25			
40	0903425396		
50	0903425396		
65	0903425397		
80	0903425398		
100	0903425399		
125	0904173359		
150			

Seal kit with product contact, MTR liftable / rinsable

DN	EPDM	HNBR	FKM
	Material no.	Material no.	Material no.
25			
40			
50			
65			
80			
100			
125			
150			

Bearing set, MTL liftable

DN	
	Material no.
25	
40	0904173597
50	0904173597
65	
80	0904173599
100	0904173664
125	0904173668
150	

Bearing set, MTR liftable / rinsable

DN	
	Material no.
25	
40	
50	
65	
80	
100	
125	
150	

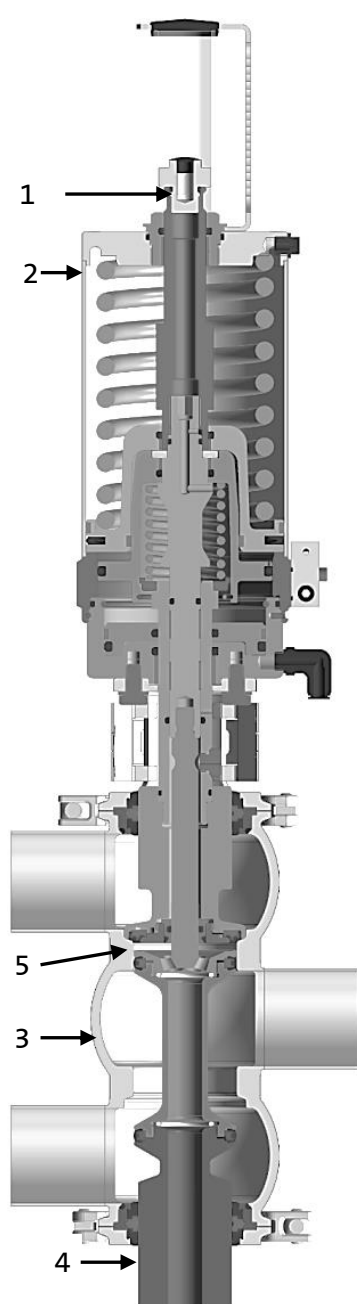
Seal kit, actuator

	DN	
		Material no.
	25	
	40	0902472363
	50	0902472363
	65	0902472364
	80	0902472364
	100	0902472364
	125	0903195022
	150	

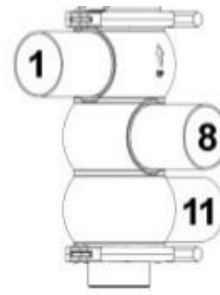
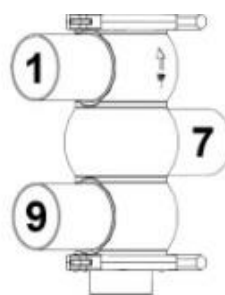
DOUBLE SEAT DIVERT VALVE MC

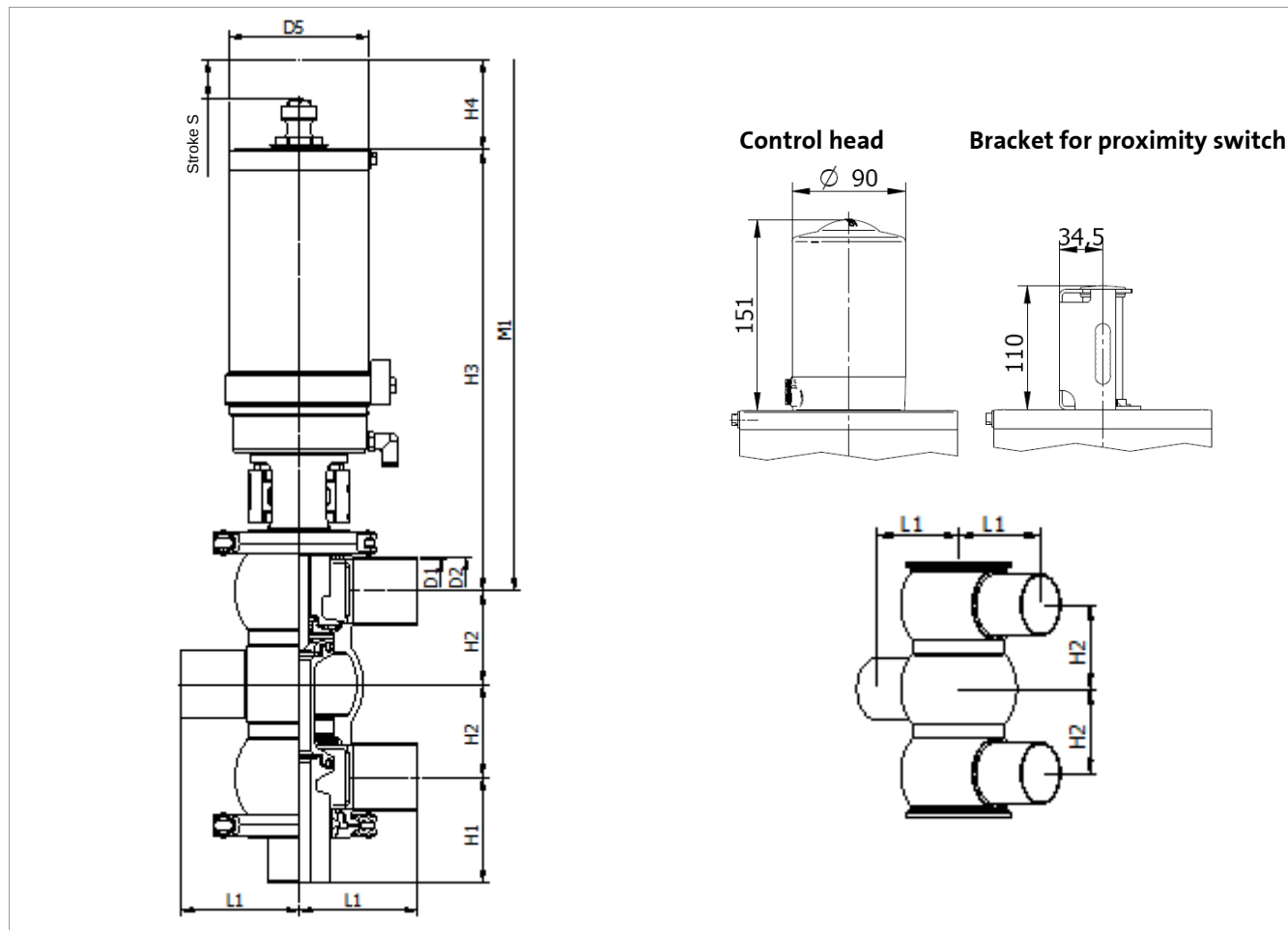
Design features of modular double seat divert valves

- Valve disks double-balanced against pressure blows during switching
- Pressure blow resistant against 650 psi (45 bar)
- Switching without leakage
- Path direction variable
- One-piece housing, free from dead area, drainable
- Seal geometry optimized for all applicable process conditions
- Three-piece threaded valve disk with defined clearance for the seal enhances ease of installation
- Shaft seal with wiper function protects against contamination ingress
- Internal airflow when a control head is used



- 1 Internal airflow when a control head is used
- 2 Actuator with integrated timing function
- 3 One-piece housing
- 4 Valve disks double-balanced
- 5 Sealing system against mix up

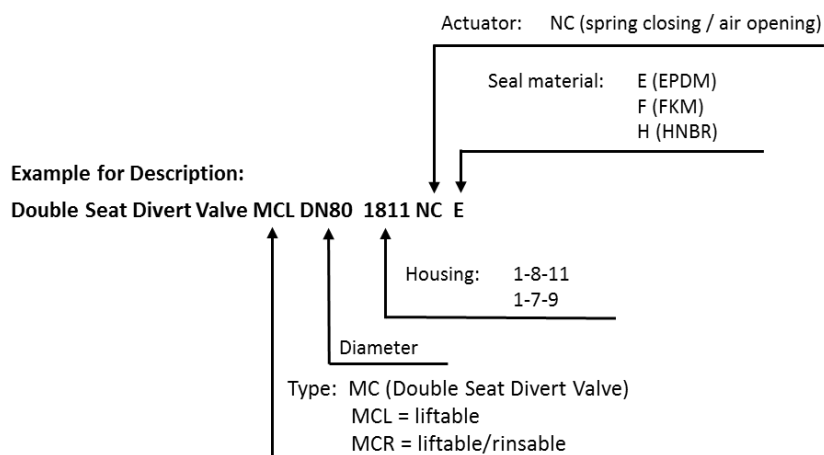


DOUBLE SEAT DIVERT VALVE MC DN

Dimensions

DN	ØD1 mm	ØD2 mm	ØD5 mm	L1 mm	H1 mm	H2 mm	H3 mm	M1 mm	Stroke mm
25									
40	38	41	108	90	59	66	373	540	24
50	50	53	108	90	80	78	381	585	31
65	66	70	133	125	100	96	434	680	38
80	81	85	133	125	110	111	443	720	42
100	100	104	133	125	131	130	461	805	48
125									
150									

Weight

DN	1-7-9 kg	1-8-11 kg
25		
40	14,2	
50	14,7	
65	23,3	
80	29,8	
100	41,0	
125		
150		

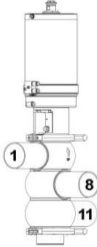


DOUBLE SEAT DIVERT VALVE - MCL LIFTABLE DN

Including switch mount for proximity switch

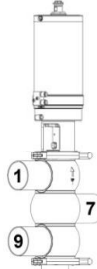
1-8-11

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			
	80			
	100			
	125			
	150			

1-7-9

1.4404 / AISI 316L

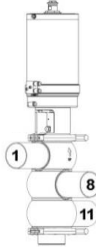
	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25	0904398257		
	40	0904632466		
	50	0904629887		0904091301
	65	0904398258		
	80	0904578873		
	100	0904616881		
	125			
	150			

DOUBLE SEAT DIVERT VALVE - MCR LIFTABLE / RINSABLE DN

Including switch mount for proximity switch

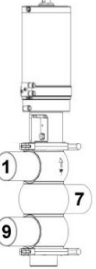
1-8-11

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			
	80			
	100			
	125			
	150			

1-7-9

1.4404 / AISI 316L

	DN	- EPDM	- HNBR	- FKM
		Material no.	Material no.	Material no.
	25			
	40			
	50			
	65			
	80			
	100			
	125			
	150			

SPARE PARTS DOUBLE SEAT DIVERT VALVE MC

Seal kit with product contact, MCL liftable

DN	EPDM	HNBR	FKM
	Material no.	Material no.	Material no.
25			
40	0904236395		0904236394
50	0904236395		0904236394
65			
80			0905258031
100	0904616885		
125			
150			

Seal kit with product contact, MCR liftable / rinsable

DN	EPDM	HNBR	FKM
	Material no.	Material no.	Material no.
25			
40			
50			
65			
80			
100			
125			
150			

Bearing set, MCL liftable

DN	
	Material no.
25	
40	0902472489
50	0902472489
65	
80	
100	
125	
150	

Bearing set, MCR liftable / rinsable

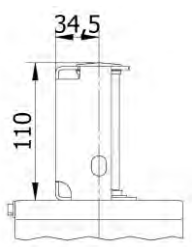
DN	
	Material no.
25	
40	
50	
65	
80	
100	
125	
150	

Bearing set, actuator

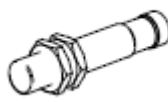
	DN	
		Material no.
	25	
	40	0902472363
	50	0902472363
	65	0902472364
	80	0902472364
	100	0902472364
	125	0903195022
	150	

ADDITIONAL EQUIPMENT DOUBLE SEAT MIXPROOF VALVE M

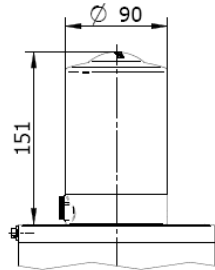
Proximity switch mount M12x1

	DN	Material no.
	25	0903370971
	40	
	50	
	65	
	80	
	100	
	125	
	150	

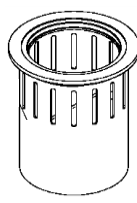
Proximity switch M12x1

	DN	Material no.
	25	0901443696
	40	
	50	
	65	
	80	
	100	
	125	
	150	

Control head

	DN	24 V DC Position measurement system 3 solenoid valves	24 V DC ASI Position measurement system 3 solenoid valves
		Material no.	Material no.
	25	0903628605	0903628606
	40		
	50		
	65		
	80		
	100		
	125		
	150		

Balancer splash guard

	DN	Material no.
	25	0903600290
	40	0903407949
	50	0903407949
	65	0903581013
	80	0903408237
	100	0903408364
	125	0903410253
	150	0903410985

Splash guard

	DN		
		Material no.	
	25	0904491589	
	40	0904458501	
	50	0904458501	
	65	0904458487	
	80	0904447337	
	100	0904458420	
	125	0904458483	
	150	0904491741	