

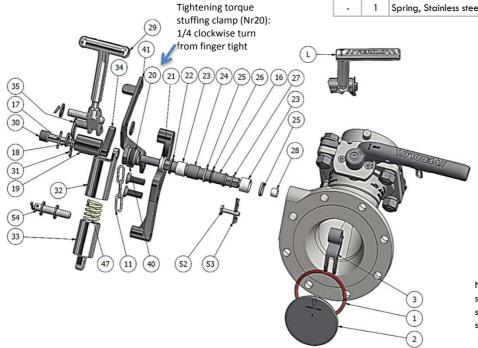
## 3" (ND80) TWINFLOW MKIV

Bottom Discharge VTXS3

## **MAINTENANCE**

ITEM	QTY	DESIGNATION	PART N°		
Spindle kit:			on request		
16	1	Spindle, Stainless steel	17 11 25 00 01		
19	1	Drive yoke, Stainless steel	-		
20	1	Stuffing clamp, Stainless steel	-		
		Spindle seals kit:	11 11 24 95 00		
17	1	V-pin, Stainless steel	-		
18	1	Washer, Stainless steel	-		
21	3	Packing ring, Stainless steel	-		
22	1	Packing gland, PTFE	11 11 24 00 15		
23	2	Spindle bush, PTFE & glass 25%	11 11 24 00 06		
24	1	Spacer, Stainless steel	-		
25	2	Gasket, Ekonol	70 10 90 00 93		
26	1	Stop ring, Stainless steel	-		
27	1	Elastic ring, Stainless steel	-		
28	1	Spindle bush, PTFE	12 85 30 00 05		
Pusher MK4:					
3	1	Pusher, Stainless steel	11 16 92 00 02		
Poppet kit:			11 16 92 90 00		
1	1	O'ring, FEP/Silicon	70 10 15 00 53		
2	1	Poppet, Stainless steel	11 16 92 00 06		
52	1	Poppet Spindle, Stainless steel	11 16 87 00 05		
53	1	Beta Pin	11 16 87 00 04		
		Poppet seal kit:	11 11 24 91 00		
1	1	O'ring, FEP/Silicon	70 10 15 00 53		

ITEM	QTY	DESIGNATION	PART N°
Spring system kit:			11 11 70 96 00
33	1	Female MK2 cage, Stainless steel	11 11 70 0A 03
32	1	Male MK2 cage, Stainless steel	11 11 70 0A 04
30	1	Removable shaft, Stainless steel	-
1 <i>7</i>	1	V-pin, Stainless steel	-
18	2	Washer, Stainless steel	-
31	1	Beta pin, Stainless steel	70 13 20 37 14
47	1	Spring, Stainless steel	11 11 70 00 16
11	1	Chain, Stainless steel	-
-	1	M6-16 screw, Stainless steel	-
		Handle kit:	11 16 92 20 00
29	1	Handle, Stainless steel	11 11 83 1A 10
34	1	Connecting rod, Stainless steel	-
35	1	Spindle roller, Stainless steel	-
18	2	Z12 washer, Stainless steel	-
1 <i>7</i>	1	Split pin, Stainless steel	-
		L Handle kit:	11 12 99 10 00
L	1	Reverse handle, Stainless steel	11 11 70 0A 08
34	1	Connecting rod, Stainless steel	-
35	1	Spindle roller, Stainless steel	-
18	2	Z12 washer, Stainless steel	-
1 <i>7</i>	1	Split pin, Stainless steel	-
Remote control kit: 11 11 98 90 00			
41	1	Remote control lever, Stainless steel	11 11 70 00 17
40	1	Rope clamp	-
-	1	Spring, Stainless steel	11 11 57 00 02



Nb: Perolo recommends the spindle seals should be changed simultaneously to maintain the valve spindle perfectly tight.



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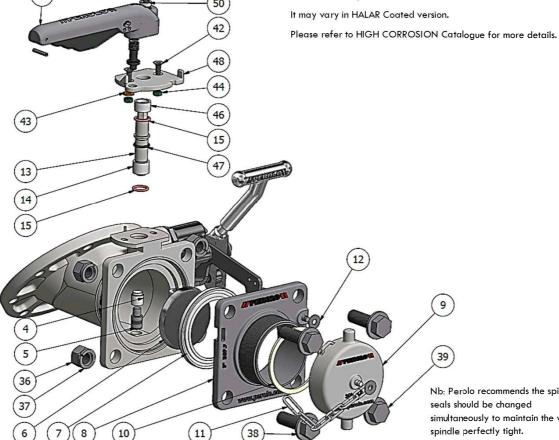
**Bottom Discharge** 

## **MAINTENANCE**

ITEM	QTY	DESIGNATION	PART N°
		12 85 57 93 00	
6	1	Closure plate, Stainless steel	12 85 57 20 00
4	1	Closure plate bush, PTFE & glass 25%	12 85 57 00 04
		Closure plate seal:	12 85 57 94 00
7	1	Closure plate seal, PTFE	12 85 57 00 01
		Butterfly valve spindle kit:	11 12 10 91 00
13	1	Spindle	11 12 10 00 01
Butterfly valve spindle seals kit:			11 16 92 40 00
4	1	Closure plate bush, PTFE & glass 25%	12 85 57 00 04
51	1	Screw M6-12, Stainless steel	-
50	1	Ring washer, Stainless steel	-
42	2	Screws M6-20, Stainless steel	-
44	2	Nuts, Stainless steel	-
43	2	Washers, Stainless steel	-
14	1	Spindle bush, PTFE & glass 25%	12 85 30 00 03
15	2	O'rings, FEP & silicon	70 10 15 00 12
47	1	O'rings, FKM & viton	70 10 01 02 12
46	1	Short Spindle bush, PTFE & glass 25%	11 12 62 00 01

ITEM	QTY	DESIGNATION	PART N°
Butterfly valve handle kit:			11 16 92 29 00
51	1	M6-12 screw, Stainless steel	-
50	1	Washer, Stainless steel	-
49	1	Handle lever, Stainless steel	11 11 83 40 00
48	1	Handle Plate, Stainless steel	-
Outlet nozzle kit:			11 11 83 93 00
7	1	Closure plate seal, PTFE	12 85 57 00 01
12	2	Washer, Stainless steel	-
11	1	Chain, Stainless steel	-
10	1	Cap seal, PTFE	12 85 59 00 01
9	1	Cap, Stainless steel	12 85 59 30 01
8	1	Outlet nozzle square, Stainless steel	11 11 83 20 01
Bolting kit:			11 16 92 30 00
39	4	M16 screw, Stainless steel	-
38	4	M16 washer, Stainless steel	-
37	4	W16 grower washer, Stainless steel	-
36	4	Nut, Stainless steel	-

Material of the parts are indicated for Stainless Steel Version. It may vary in HALAR Coated version.



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