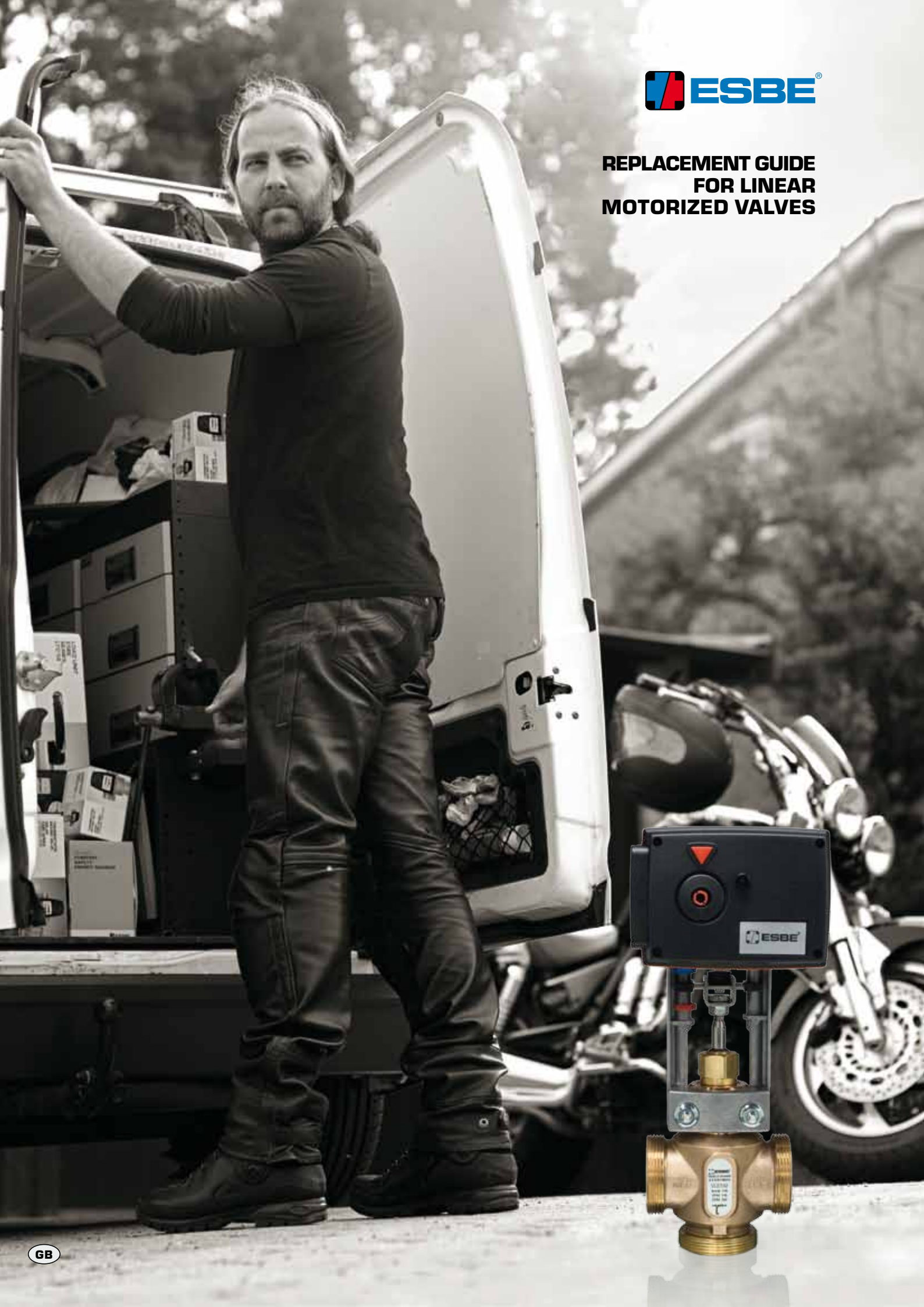


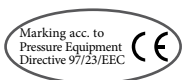


**REPLACEMENT GUIDE
FOR LINEAR
MOTORIZED VALVES**



The replacement guide is focusing on guiding the user to find an equivalent ESBE valve. The criterias has been pressure class (PN), way of connection (2-way and 3-way), connection type (flanged , threaded) and assembling dimensions. It 's up to the user of this guide to make the final judgement of valve. The user of valve has the responsibillity to check that application specific requirements are fulfilled with the choosen valve. Furthermore ESBE take no responsibility that old actuator could be used on ESBE valve.

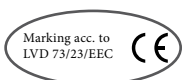
YOUR OWN NOTES



VALVES

Regarding: Pressure Equipment Directive 97/23/EEC

All our products, which are concerned by this directive, conform to the same. Those products which shall carry a CE-sign are marked accordingly. The products which shall not carry the sign are not marked but are still conformity of the directive.



ACTUATORS

Regarding: LVD 73/23/EEC and EMC/89/336/EEC

All our products, which are concerned by this directive, conform to the same. Those products carry accordingly a CE-sign.

REPLACEMENT GUIDE



CONTENTS

DANFOSS	PN25	2-way flanged control valves	4
	PN16	2- & 3-way flanged control valves	5
HONEYWELL	PN25	2-way flanged control valves	6
	PN16	2- & 3-way flanged control valves	6 - 7
REGIN / OSBY	PN16	2- & 3-way flanged control valves	8
SATCHWELL	PN16	2- & 3-way flanged control valves	9
SAUTER	PN25	2-way flanged control valves	10
	PN16	2-way flanged control valves	11
	PN16	3-way flanged control valves	12
	PN10	2- & 3-way flanged control valves	13
SIEMENS	PN25	2-way flanged control valves	14
	PN16	2-way flanged control valves	15
	PN16	3-way flanged control valves	16
	PN16	2-way threaded control valves	17
	PN16	3-way threaded control valves	18
	PN10	2- & 3-way flanged control valves	19
	Actuators		20
TAC	PN25	2-way flanged control valves	21
	PN16	2- & 3-way flanged control valves	22
	PN16	2- & 3-way threaded control valves	23 - 24


REPLACEMENT GUIDE

DANFOSS

PN25, 2 - WAY, FLANGED

	ESBE series VLC125			Danfoss Type VFS 2			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2130 01 00	15	0,25				
	2130 02 00	15	0,4	065B1510	15	0,4	Stroke: Danfoss 15mm, ESBE 20mm
	2130 03 00	15	0,63	065B1511	15	0,63	Stroke: Danfoss 15mm, ESBE 20mm
	2130 04 00	15	1,0	065B1512	15	1,0	Stroke: Danfoss 15mm, ESBE 20mm
	2130 05 00	15	1,6	065B1513	15	1,6	Stroke: Danfoss 15mm, ESBE 20mm
	2130 06 00	15	2,5	065B1514	15	2,5	Stroke: Danfoss 15mm, ESBE 20mm
	2130 07 00	15	4,0	065B1515	15	4,0	Stroke: Danfoss 15mm, ESBE 20mm
	2130 08 00	20	6,3	065B1520	20	6,3	Stroke: Danfoss 15mm, ESBE 20mm
	2130 09 00	25	10	065B1525	25	10	Stroke: Danfoss 15mm, ESBE 20mm
	2130 10 00	32	16	065B1532	32	16	Stroke: Danfoss 15mm, ESBE 20mm
	2130 11 00	40	25	065B1540	40	25	Stroke: Danfoss 15mm, ESBE 20mm
	2130 12 00	50	38	065B1550	50	40	Stroke: Danfoss 15mm, ESBE 20mm
	2120 31 00	65	49	065B3365	65	63	Stroke 40mm; ESBE only PN16 type VLB225, stroke 20mm
	2120 32 00	80	78	065B3380	80	100	Stroke 40mm; ESBE only PN16 type VLB225, stroke 20mm
	2120 33 00	100	124	065B3400	100	145	Stroke 40mm; ESBE only PN16 type VLB225, stroke 40mm


PN25, 2 - WAY, FLANGED WITH PRESSURE-BALANCED PLUG

	ESBE series VLC225			Danfoss Type VB 2			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
				065B2050	15	0,25	
				065B2051	15	0,4	
				065B2052	15	0,63	
				065B2053	15	1,0	
				065B2054	15	1,6	
				065B2055	15	2,5	
				065B2056	15	4,0	
				065B2057	20	6,3	
	2130 13 00	25	10	065B2058	25	10	Stroke: Danfoss 5mm, ESBE 20mm. Danfoss 4mm longer
	2130 14 00	32	16	065B2059	32	16	Stroke: Danfoss 5mm, ESBE 20mm. Danfoss 4mm longer
	2130 15 00	40	25	065B2060	40	25	Stroke: Danfoss 5mm, ESBE 20mm. Danfoss 4mm longer
	2130 16 00	50	38	065B2061	50	40	Stroke: Danfoss 5mm, ESBE 20mm. Danfoss 4mm longer


REPLACEMENT GUIDE

DANFOSS

PN16, 2 - WAY, FLANGED

	ESBE series VLB225			Danfoss Type VF 2			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 31 00	65	49	065B3170	65	63	ESBE lower Kvs
	2120 32 00	80	78	065B3185	80	100	ESBE lower Kvs; Stroke: Danfoss 30mm, ESBE 20mm
	2120 33 00	100	124	065B3205	100	145	ESBE lower Kvs; Stroke: Danfoss 30mm, ESBE 40mm


PN16, 3 - WAY, FLANGED

	ESBE series VLA335/VLB235			Danfoss Type VF 3			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
				065B1611	15	0,63	
				065B1612	15	1,0	
	2120 09 00	15	1,6	065B1613	15	1,6	Stroke: Danfoss 15mm, ESBE 20mm
	2120 10 00	15	2,5	065B1614	15	2,5	Stroke: Danfoss 15mm, ESBE 20mm
	2120 11 00	15	4,0	065B1615	15	4,0	Stroke: Danfoss 15mm, ESBE 20mm
	2120 12 00	20	6,3	065B1620	20	6,3	Stroke: Danfoss 15mm, ESBE 20mm
	2120 13 00	25	10	065B1625	25	10	Stroke: Danfoss 15mm, ESBE 20mm
	2120 14 00	32	16	065B1632	32	16	Stroke: Danfoss 15mm, ESBE 20mm
	2120 15 00	40	25	065B1640	40	25	Stroke: Danfoss 15mm, ESBE 20mm
	2120 16 00	50	38	065B1650	50	40	Stroke: Danfoss 15mm, ESBE 20mm
	2120 36 00	65	49	065B1665	65	63	ESBE lower Kvs
	2120 37 00	80	78	065B1680	80	100	ESBE lower Kvs; Stroke: Danfoss 30mm, ESBE 20mm
	2120 38 00	100	124	065B1685	100	145	ESBE lower Kvs; Stroke: Danfoss 30mm, ESBE 40mm



REPLACEMENT GUIDE

HONEYWELL

PN25, 2 - WAY, FLANGED WITH PRESSURE-BALANCED PLUG

	ESBE series VLC225			Honeywell Type V5025A			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
				V5025A1019	15	0,4	
				V5025A1027	15	0,63	
				V5025A1035	15	1,0	
				V5025A1043	15	1,6	
				V5025A1050	15	2,5	
				V5025A1068	15	4,0	
				V5025A1076	20	6,3	
	2130 13 00	25	10	V5025A1084	25	10	
	2130 14 00	32	16	V5025A1092	32	16	
	2130 15 00	40	25	V5025A1100	40	25	
	2130 16 00	50	38	V5025A1118	50	40	
				V5025A1126	65	63	
				V5025A1134	80	100	


PN16, 2 - WAY, FLANGED

	ESBE series VLA325/VLB225			Honeywell Type V5328A			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2130 01 00	15	0,25	V5328A1138	15	0,25	ESBE: PN25, series VLC125
	2130 02 00	15	0,4	V5328A1146	15	0,4	ESBE: PN25, series VLC125
	2130 03 00	15	0,63	V5328A1153	15	0,63	ESBE: PN25, series VLC125
	2130 04 00	15	1,0	V5328A1005	15	1,0	ESBE: PN25, series VLC125
	2120 01 00	15	1,6	V5328A1013	15	1,6	
	2120 02 00	15	2,5	V5328A1021	15	2,5	
	2120 03 00	15	4,0	V5328A1039	15	4,0	
	2120 04 00	20	6,3	V5328A1054	20	6,3	
	2120 05 00	25	10	V5328A1062	25	10	
	2120 06 00	32	16	V5328A1070	32	16	
	2120 07 00	40	25	V5328A1088	40	25	
	2120 08 00	50	38	V5328A1096	50	40	
	2120 31 00	65	49	V5328A1104	65	63	
	2120 32 00	80	78	V5328A1112	80	100	
	2120 33 00	100	124	V5328A1201	100	160	Honeywell 70mm longer
	2120 34 00	125	200	V5328A1219	125	250	Honeywell 60mm longer
	2120 35 00	150	300	V5328A1227	150	360	Honeywell 30mm longer


REPLACEMENT GUIDE

HONEYWELL

PN16, 2 - WAY, FLANGED WITH PRESSURE-BALANCED PLUG

	ESBE series VLA425			Honeywell Type V5016A			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
				V5016A1010	15	0,4	
				V5016A1028	15	0,63	
				V5016A1036	15	1,0	
				V5016A1044	15	1,6	
				V5016A1055	15	2,5	
				V5016A1069	15	4,0	
				V5016A1077	20	6,3	
	2120 17 00	25	10	V5016A1085	25	10	
	2120 18 00	32	16	V5016A1093	32	16	
	2120 19 00	40	25	V5016A1101	40	25	
	2120 20 00	50	38	V5016A1119	50	38	


PN16, 3 - WAY, FLANGED

	ESBE series VLA335/VLB235			Honeywell Type V5329A			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 10 00	15	2,5	V5329A1004	15	2,5	Honeywell: B-port +25mm
	2120 11 00	15	4,0	V5329A1012	15	4,0	Honeywell: B-port +25mm
	2120 12 00	20	6,3	V5329A1020	20	6,3	Honeywell: B-port +20mm
	2120 13 00	25	10	V5329A1038	25	10	Honeywell: B-port +20mm
	2120 14 00	32	16	V5329A1046	32	16	Honeywell: B-port +15mm
	2120 15 00	40	25	V5329A1053	40	25	Honeywell: B-port +15mm
	2120 16 00	50	38	V5329A1061	50	40	Honeywell: B-port +10mm
	2120 36 00	65	49	V5329A1079	65	63	
	2120 37 00	80	78	V5329A1087	80	100	


REPLACEMENT GUIDE

REGIN / OSBY


PN16, 2 - WAY, FLANGED

	ESBE series VLC425			Regin / Osby Type 2SAS/2SBS			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
				2SAS15-0.63	15	0,63	
				2SAS15-1.0	15	1,0	
				2SAS15-1.6	15	1,6	
				2SAS15-2.7	15	2,7	
				2SBS20-3.9	20	3,9	
				2SBS20-6.3	20	6,3	
	2135 13 00	25	10	2SBS25-10	25	10	ESBE: 10mm longer
	2135 14 00	32	16	2SBS32-16	32	16	ESBE: 20mm longer
	2135 15 00	40	25	2SBS40-27	40	27	ESBE: 20mm longer
	2135 16 00	50	38	2SBS50-39	50	39	ESBE: 30mm longer

PN16, 2 - WAY, FLANGED

	ESBE series VLA325/VLB225			Regin / Osby Type GTVS			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 05 00	25	10	GTVS25-10	25	10	ESBE: 10mm longer
	2120 06 00	32	16	GTVS32-16	32	16	
	2120 07 00	40	25	GTVS40-27	40	27	
	2120 08 00	50	38	GTVS50-39	50	39	ESBE: 10mm longer
	2120 31 00	65	49	GTVS65-63	65	63	ESBE lower Kvs; ESBE: 30mm longer
	2120 32 00	80	78	GTVS80-100	80	100	ESBE lower Kvs; ESBE: 30mm longer
	2120 33 00	100	124	GTVS100-160	100	160	ESBE lower Kvs; ESBE: 30mm longer
	2120 34 00	125	200	GTVS125-215	125	215	ESBE: 30mm longer
	2120 35 00	150	300	GTVS150-310	150	310	ESBE: 60mm longer


PN16, 3 - WAY, FLANGED

	ESBE series VLA335/VLB235			Regin / Osby Type GTRS			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 16 00	50	38	GTRS50-39	50	39	Check dimensions
	2120 36 00	65	49	GTRS65-63	65	63	ESBE lower Kvs; Check dimensions
	2120 37 00	80	78	GTRS80-100	80	100	ESBE lower Kvs; Check dimensions
	2120 39 00	100	124	GTRS100-160	100	160	ESBE lower Kvs; Check dimensions
	2120 39 00	125	200	GTRS125-215	125	215	Check dimensions
	2120 40 00	150	300	GTRS150-310	150	310	Check dimensions


REPLACEMENT GUIDE

SATCHWELL

PN16, 2 - WAY, FLANGED

	ESBE series VLA325			Satchwell Type VSF			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 01 00	15	1,6	VSF 2426	15	0,63	ESBE higher Kvs value
	2120 01 00	15	1,6	VSF 2427	15	1,0	ESBE higher Kvs value
	2120 01 00	15	1,6	VSF 2428	15	1,6	
	2120 02 00	15	2,5	VSF 2429	15	2,5	
	2120 03 00	15	4,0	VSF 2430	15	4,0	
	2120 04 00	20	6,3	VSF 1476	20	6,3	
	2120 05 00	25	10	VSF 1526	25	10	
	2120 06 00	32	16	VSF 1576	32	16	
	2120 07 00	40	25	VSF 1626	40	25	
	2120 08 00	50	38	VSF 1676	50	40	


PN16, 3 - WAY, FLANGED

	ESBE series VLA335			Satchwell Type MJF			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 09 00	15	1,6	MJF 3426	15	1,0	
	2120 11 00	15	4,0	MJF 3427	15	4,0	
	2120 12 00	20	6,3	MJF 3476	20	6,3	
	2120 13 00	25	10	MJF 3526	25	10	
	2120 14 00	32	16	MJF 3576	32	16	
	2120 15 00	40	25	MJF 3626	40	25	
	2120 16 00	50	38	MJF 3676	50	40	

REPLACEMENT GUIDE

SAUTER


PN25, 2 - WAY, FLANGED

	ESBE series VLC125			Sauter Type V6G			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2130 01 00	15	0,25	V6G 15 F364	15	0,25	Stroke: Sauter 14mm, ESBE 20mm
	2130 02 00	15	0,4	V6G 15 F354	15	0,4	Stroke: Sauter 14mm, ESBE 20mm
	2130 03 00	15	0,63	V6G 15 F344	15	0,63	Stroke: Sauter 14mm, ESBE 20mm
	2130 04 00	15	1,0	V6G 15 F334	15	1,0	Stroke: Sauter 14mm, ESBE 20mm
	2130 05 00	15	1,6	V6G 15 F324	15	1,6	Stroke: Sauter 14mm, ESBE 20mm
	2130 06 00	15	2,5	V6G 15 F314	15	2,5	Stroke: Sauter 14mm, ESBE 20mm
	2130 07 00	15	4,0	V6G 15 F304	15	4,0	Stroke: Sauter 14mm, ESBE 20mm
	2130 08 00	20	6,3	V6G 20 F304	20	6,3	Stroke: Sauter 14mm, ESBE 20mm
	2130 17 00	25	1,6				
	2130 18 00	25	2,5				
	2130 19 00	25	4,0	V6G 25 F924	25	4,0	Stroke: Sauter 14mm, ESBE 20mm
	2130 20 00	25	6,3	V6G 25 F914	25	6,3	Stroke: Sauter 14mm, ESBE 20mm
	2130 09 00	25	10	V6G 25 F304	25	10	Stroke: Sauter 14mm, ESBE 20mm
	2130 10 00	32	16	V6G 32 F304	32	16	Stroke: Sauter 14mm, ESBE 20mm
	2130 21 00	40	1,6				
	2130 22 00	40	2,5				
	2130 23 00	40	4,0				
	2130 24 00	40	6,3				
	2130 25 00	40	10				
	2130 26 00	40	16				
	2130 11 00	40	25	V6G 40 F304	40	25	Stroke: Sauter 14mm, ESBE 20mm
	2130 12 00	50	38	V6G 50 F304	50	40	Stroke: Sauter 14mm, ESBE 20mm

REPLACEMENT GUIDE

SAUTER


PN16, 2 - WAY, FLANGED

	ESBE series VLA325/VLB225			Sauter Type V6F			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 01 00	15	1,6	V6F 15 F324	15	1,6	Stroke: Sauter 14mm, ESBE 20mm
	2120 02 00	15	2,5	V6F 15 F314	15	2,5	Stroke: Sauter 14mm, ESBE 20mm
	2120 03 00	15	4,0	V6F 15 F304	15	4,0	Stroke: Sauter 14mm, ESBE 20mm
	2120 04 00	20	6,3	V6F 20 F304	20	6,3	Stroke: Sauter 14mm, ESBE 20mm
	2120 05 00	25	10	V6F 25 F924	25	4,0	ESBE higher Kvs value; Stroke: Sauter 14mm, ESBE 20mm
	2120 05 00	25	10	V6F 25 F914	25	6,3	ESBE higher Kvs value; Stroke: Sauter 14mm, ESBE 20mm
	2120 05 00	25	10	V6F 25 F304	25	10	Stroke: Sauter 14mm, ESBE 20mm
	2120 06 00	32	16	V6F 32 F304	32	16	Stroke: Sauter 14mm, ESBE 20mm
	2120 07 00	40	25	V6F 40 F304	40	25	Stroke: Sauter 14mm, ESBE 20mm
	2120 08 00	50	38	V6F 50 F924	50	16	ESBE higher Kvs value; Stroke: Sauter 14mm, ESBE 20mm
	2120 08 00	50	38	V6F 50 F914	50	25	ESBE higher Kvs value; Stroke: Sauter 14mm, ESBE 20mm
	2120 08 00	50	38	V6F 50 F304	50	40	Stroke: Sauter 14mm, ESBE 20mm
	2120 31 00	65	49	V6F 65 F304	65	63	ESBE lower Kvs
	2120 32 00	80	78	V6F 80 F924	80	40	ESBE higher Kvs value
	2120 32 00	80	78	V6F 80 F914	80	63	ESBE higher Kvs value
	2120 32 00	80	78	V6F 80 F304	80	100	ESBE lower Kvs
	2120 33 00	100	124	V6F 100 F304	100	160	ESBE lower Kvs
	2120 34 00	125	200	V6F 125 F304	125	250	ESBE lower Kvs
	2120 35 00	150	300	V6F 150 F304	150	340	ESBE lower Kvs

REPLACEMENT GUIDE

SAUTER


PN16, 3 - WAY, FLANGED

	ESBE series VLA335/VLB235			Sauter Type B6F			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 09 00	15	1,6	B6F 15 F324	15	1,6	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.
	2120 11 00	15	4,0	B6F 15 F314	15	2,5	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.
	2120 12 00	20	6,3	B6F 15 F304	15	4,0	ESBE higher Kvs value, Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dimension
	2120 12 00	20	6,3	B6F 20 F304	20	6,3	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.
	2120 13 00	25	10	B6F 25 F924	25	4,0	ESBE higher Kvs value, Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dimension
	2120 13 00	25	10	B6F 25 F914	25	6,3	ESBE higher Kvs value, Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dimension
	2120 13 00	25	10	B6F 25 F304	25	10	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.
	2120 14 00	32	16	B6F 32 F304	32	16	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.
	2120 15 00	40	25	B6F 40 F304	40	25	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.
	2120 16 00	50	38	B6F 50 F924	50	16	ESBE higher Kvs value, Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dimension
	2120 16 00	50	38	B6F 50 F914	50	25	ESBE higher Kvs value, Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dimension
	2120 16 00	50	38	B6F 50 F304	50	40	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.
	2120 36 00	65	49	B6F 65 F304	65	63	ESBE lower Kvs; Sauter: B-port divergent dimension
	2120 37 00	80	78	B6F 80 F924	80	40	ESBE higher Kvs value, Sauter: B-port divergent dimension
	2120 37 00	80	78	B6F 80 F914	80	63	ESBE higher Kvs value, Sauter: B-port divergent dimension
	2120 37 00	80	78	B6F 80 F304	80	100	ESBE lower Kvs; Sauter: B-port divergent dimension
	2120 38 00	100	124	B6F 100 F304	100	160	ESBE lower Kvs; Sauter: B-port divergent dimension
	2120 39 00	125	200	B6F 125 F304	125	250	ESBE lower Kvs
	2120 40 00	150	300	B6F 150 F304	150	340	ESBE lower Kvs


REPLACEMENT GUIDE

SAUTER

PN10, 2 - WAY, FLANGED

	ESBE series VLA325/VLB225			Sauter Type VXE			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 01 00	15	1,6	VXE 015 F320	15	1,6	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 02 00	15	2,5	VXE 015 F310	15	2,5	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 03 00	15	4,0	VXE 015 F300	15	4,0	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 04 00	20	6,3				ESBE PN16
	2120 05 00	25	10	VXE 025 F310	25	6,3	ESBE PN16, higher Kvs value; Stroke: Sauter 14mm, ESBE 20mm
	2120 05 00	25	10	VXE 025 F300	25	10	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 06 00	32	16	VXE 032 F300	32	16	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 07 00	40	25	VXE 040 F300	40	25	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 08 00	50	38	VXE 050 F300	50	40	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 31 00	65	49	VXE 065 F300	65	63	ESBE PN16, lower Kvs
	2120 32 00	80	78	VXE 080 F300	80	100	ESBE PN16, lower Kvs
	2120 33 00	100	124	VXE 100 F300	100	160	ESBE PN16, lower Kvs
	2120 34 00	125	200				ESBE PN16
	2120 35 00	150	300				ESBE PN16


PN10, 3 - WAY, FLANGED

	ESBE series VLA335/VLB235			Sauter Type BXE			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 09 00	15	1,6	BXE 015 F320	15	1,6	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port +5mm
	2120 10 00	15	2,5	BXE 015 F310	15	2,5	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port +5mm
	2120 11 00	15	4,0	BXE 015 F300	15	4,0	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port +5mm
	2120 12 00	20	6,3				ESBE PN16
	2120 13 00	25	10	BXE 025 F310	25	6,3	ESBE PN16; ESBE higher Kvs value; Stroke: Sauter 14mm, ESBE 20mm
	2120 13 00	25	10	BXE 025 F300	25	10	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 14 00	32	16	BXE 032 F300	32	16	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port +5mm
	2120 15 00	40	25	BXE 040 F300	40	25	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 16 00	50	38	BXE 050 F300	50	40	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm
	2120 36 00	65	49	BXE 065 F300	65	63	ESBE PN16, lower Kvs
	2120 37 00	80	78	BXE 080 F300	80	100	ESBE PN16, lower Kvs
	2120 38 00	100	124	BXE 100 F300	100	160	ESBE PN16, lower Kvs
	2120 39 00	125	200				ESBE PN16
	2120 40 00	150	300				ESBE PN16

REPLACEMENT GUIDE

SIEMENS


PN25, 2 - WAY, FLANGED

	ESBE series VLC125			Siemens Type VVF 52			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2130 01 00	15	0,25	WF52.15-0.25	15	0,25	
	2130 02 00	15	0,4	WF52.15-0.4	15	0,4	
	2130 03 00	15	0,63	WF52.15-0.63	15	0,63	
	2130 04 00	15	1,0	WF52.15-1	15	1,0	
	2130 05 00	15	1,6	WF52.15-1.6	15	1,6	
	2130 06 00	15	2,5	WF52.15-2.5	15	2,5	
	2130 07 00	15	4,0	WF52.15-4	15	4,0	
	2130 08 00	20	6,3				
	2130 17 00	25	1,6				
	2130 18 00	25	2,5				
	2130 19 00	25	4,0				
	2130 20 00	25	6,3	WF52.25-6.3	25	6,3	
	2130 09 00	25	10	WF52.25-10	25	10	
	2130 10 00	32	16				
	2130 21 00	40	1,6				
	2130 22 00	40	2,5				
	2130 23 00	40	4,0				
	2130 24 00	40	6,3				
	2130 25 00	40	10	WF52.40-12.5	40	12,5	
	2130 26 00	40	16	WF52.40-16	40	16	
	2130 11 00	40	25	WF52.40-25	40	25	
	2130 12 00	50	38				


REPLACEMENT GUIDE

SIEMENS

PN16, 2 - WAY, FLANGED

	ESBE series VLA325/VLB225			Siemens Type VVF 45			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 08 00	50	38	WF45.49	50/40	19	ESBE higher Kvs value
	2120 08 00	50	38	WF45.50	50	31	
	2120 31 00	65	49	WF45.65	65	49	
	2120 32 00	80	78	WF45.80	80	78	
	2120 33 00	100	124	WF45.90	100	124	
	2120 34 00	125	200	WF45.91	125	200	
	2120 35 00	150	300	WF45.92	150	300	


PN16, 2 - WAY, FLANGED

	ESBE series VLA325/VLB225			Siemens Type VVF41			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 08 00	50	38	WF41.50	50	31	ESBE higher Kvs value
	2120 31 00	65	49	WF41.65	65	49	
	2120 32 00	80	78	WF41.80	80	78	
	2120 33 00	100	124	WF41.90	100	124	
	2120 34 00	125	200	WF41.91	125	200	
	2120 35 00	150	300	WF41.92	150	300	


REPLACEMENT GUIDE

SIEMENS

PN16, 3 - WAY, FLANGED

	ESBE series VLA335/VLB235			Siemens Type VXF 41			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 09 00	15	1,6				
	2120 10 00	15	2,5	VXF41.14	15/10	1,9	Siemens: B-port divergent dimension
	2120 11 00	15	4,0	VXF41.15	15	3,0	Siemens: B-port divergent dimension
	2120 13 00	25	10	VXF41.24	25/20	5,0	ESBE higher Kvs value, Siemens: B-port divergent dim.
	2120 13 00	25	10	VXF41.25	25	7,5	Siemens: B-port divergent dimension
	2120 15 00	40	25	VXF41.39	40/32	12	ESBE higher Kvs value, Siemens: B-port divergent dim.
	2120 15 00	40	25	VXF41.40	40	19	ESBE higher Kvs value, Siemens: B-port divergent dim.
	2120 15 00	40	25	VXF41.49	50/40	19	Siemens: B-port divergent dimension
	2120 16 00	50	38	VXF41.50	50	31	Siemens: B-port divergent dimension
	2120 36 00	65	49	VXF41.65	65	49	Siemens: B-port divergent dimension
	2120 37 00	80	79	VXF41.80	80	78	Siemens: B-port divergent dimension
	2120 38 00	100	124	VXF41.90	100	124	Siemens: B-port divergent dimension
	2120 39 00	125	200	VXF41.91	125	200	Siemens: B-port divergent dimension
	2120 40 00	150	300	VXF41.92	150	300	Siemens: B-port divergent dimension


PN16, 3 - WAY, FLANGED

	ESBE series VLA335/VLB235			Siemens Type VXF 40			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 09 00	15	1,6				
	2120 10 00	15	2,5	VXF40.15-1.9	15/10	1,9	
	2120 11 00	15	4,0	VXF40.15-3	15	3,0	
	2120 13 00	25	10	VXF40.25-5	25/20	5,0	ESBE higher Kvs value
	2120 13 00	25	10	VXF40.25-7.5	25	7,5	
	2120 15 00	40	25	VXF40.40-12	40/32	12	ESBE higher Kvs value
	2120 15 00	40	25	VXF40.40-19	40	19	
	2120 16 00	50	38	VXF40.50-31	50	31	
	2120 36 00	65	49	VXF40.65-49	65	49	
	2120 37 00	80	78	VXF40.80-78	80	78	
	2120 38 00	100	124	VXF40.100-124	100	124	
	2120 39 00	125	200	VXF40.125-200	125	200	Siemens: B-port divergent dimension
	2120 40 00	150	300	VXF40.150-300	150	300	Siemens: B-port divergent dimension


REPLACEMENT GUIDE

SIEMENS

PN16, 2 - WAY, EXTERNAL THREADED

	ESBE series VLE122			Siemens Type VVG 41			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2125 01 00	15	0,25				
	2125 02 00	15	0,4				
	2125 03 00	15	0,63	WG41.11	15/2,5	0,63	
	2125 04 00	15	1,0	WG41.12	15/4	1,0	
	2125 05 00	15	1,6	WG41.13	15/6	1,6	
	2125 06 00	15	2,5	WG41.14	15/10	2,5	
	2125 07 00	15	4,0	WG41.15	15	4,0	
	2125 08 00	20	6,3	WG41.20	20	6,3	
	2125 09 00	25	10	WG41.25	25	10	
	2125 10 00	32	16	WG41.32	32	16	
	2125 11 00	40	25	WG41.40	40	25	
	2125 12 00	50	38	WG41.50	50	40	


PN16, 3 - WAY, EXTERNAL THREADED

	ESBE series VLE132			Siemens Type VXG 41			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2125 13 00	15	1,6	VXG41.1301	15/6	1,6	
	2125 14 00	15	2,5	VXG41.1401	15/10	2,5	
	2125 15 00	15	4,0	VXG41.15	15	4,0	
	2125 16 00	20	6,3	VXG41.20	20	6,3	
	2125 17 00	25	10	VXG41.25	25	10	
	2125 18 00	32	16	VXG41.32	32	16	
	2125 19 00	40	25	VXG41.40	40	25	
	2125 20 00	50	38	VXG41.50	50	40	


REPLACEMENT GUIDE

SIEMENS

PN10, 2 - WAY, FLANGED

	ESBE series VLA325/VLB225			Siemens Type VVF 31			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 05 00	25	10	WVF31.24	25/20	5,0	ESBE higher Kvs value
	2120 05 00	25	10	WVF31.25	25	7,5	
	2120 07 00	40	25	WVF31.39	40/32	12	ESBE higher Kvs value
	2120 07 00	40	25	WVF31.40	40	19	
	2120 08 00	50	38	WVF31.50	50	31	
	2120 31 00	65	49	WVF31.65	65	49	
	2120 32 00	80	78	WVF31.80	80	78	
	2120 33 00	100	124	WVF31.90	100	124	
	2120 34 00	125	200	WVF31.91	125	200	
	2120 35 00	150	300	WVF31.92	150	300	

PN10, 3 - WAY, FLANGED

	ESBE series VLA335/VLB235			Siemens Type VXF 31			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 13 00	25	10	VXF31.24	25/20	5,0	ESBE higher Kvs value
	2120 13 00	25	10	VXF31.25	25	7,5	
	2120 15 00	40	25	VXF31.39	40/32	12	ESBE higher Kvs value
	2120 15 00	40	25	VXF31.40	40	19	
	2120 16 00	50	38	VXF31.50	50	31	
	2120 36 00	65	49	VXF31.65	65	49	
	2120 37 00	80	78	VXF31.80	80	78	
	2120 38 00	100	124	VXF31.90	100	124	
	2120 39 00	125	200	VXF31.91	125	200	Siemens: B-port divergent dimension
	2120 40 00	150	300	VXF31.92	150	300	Siemens: B-port divergent dimension


OPTION

Adaptor kit, ESBE control valves series VLA325/VLB225 and Siemens SQX _____ Art. No. 2600 07 00

REPLACEMENT GUIDE

SIEMENS

ACTUATOR

	ESBE series ALA					Siemens Type SQX					Note
	Code No.	Force (N)	Volt [V]	Signal	Time (s)	Code No.	Force (N)	Volt [V]	Signal	Time (s)	
	2200 02 00	750	230	3-point	140	SQX 32.00	700	230	3-point	150	
	2200 01 00	750	24	3-point	140	SQX 82.00	700	24	3-point	150	
	2200 03 00	750	24	0-10 V	140						
	2200 08 00	400	230	3-point	35	SQX 32.03	700	230	3-point	35	Check force demand
	2200 07 00	400	24	3-point	35	SQX 32.03	700	24	3-point	35	Check force demand
	2200 09 00	400	24	0-10 v	35	SQX 62	700	24	0-10 v	35	Check force demand

OPTION


Adaptor kit, ESBE AActuator series ALA and Siemens valves series

VVF 21, VXF 21, VVF 31, VXF 31, VVG 41, VXF 41, VXG 41, VVF 52 _____ Art. No. 2600 01 00


REPLACEMENT GUIDE

TAC

PN25, 2 - WAY, FLANGED

	ESBE series VLC125			TAC Type V231			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2130 01 00	15	0,25	721-3106-000	15	0,25	
	2130 02 00	15	0,4	721-3110-000	15	0,4	
	2130 03 00	15	0,63	721-3114-000	15	0,63	
	2130 04 00	15	1,0	721-3118-000	15	1,0	
	2130 05 00	15	1,6	721-3122-000	15	1,6	
	2130 06 00	15	2,5	721-3126-000	15	2,5	
	2130 07 00	15	4,0	721-3130-000	15	4,0	
	2130 08 00	20	6,3	721-3134-000	20	6,3	
	2130 09 00	25	10	721-3138-000	25	10	
	2130 10 00	32	16	721-3142-000	32	16	
	2130 11 00	40	25	721-3146-000	40	25	
	2130 12 00	50	38	721-3150-000	50	38	


PN25, 2 - WAY, FLANGED WITH PRESSURE-BALANCED PLUG

	ESBE series VLC225			TAC Type V232			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2130 13 00	25	10	721-3238-000	25	10	
	2130 14 00	32	16	721-3242-000	32	16	
	2130 15 00	40	25	721-3246-000	40	25	
	2130 16 00	50	38	721-3250-000	50	38	


REPLACEMENT GUIDE

TAC


PN16, 2 - WAY, FLANGED

	ESBE series VLA325			TAC Type V211			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 01 00	15	1,6	721-1116-000	15	1,6	
	2120 02 00	15	2,5	721-1120-000	15	2,5	
	2120 03 00	15	4,0	721-1124-000	15	4,0	
	2120 04 00	20	6,3	721-1128-000	20	6,3	
	2120 05 00	25	10	721-1132-000	25	10	
	2120 06 00	32	16	721-1136-000	32	16	
	2120 07 00	40	25	721-1140-000	40	25	
	2120 08 00	50	38	721-1144-000	50	38	


PN16, 2 - WAY, FLANGED WITH PRESSURE-BALANCED PLUG

	ESBE series VLA425			TAC Type V212			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 17 00	25	10	721-1232-000	25	10	
	2120 18 00	32	16	721-1236-000	32	16	
	2120 19 00	40	25	721-1240-000	40	25	
	2120 20 00	50	38	721-1244-000	50	38	

PN16, 3 - WAY, FLANGED

	ESBE series VLA335			TAC Type V311			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2120 09 00	15	1,6	731-1117-000	15	1,6	
	2120 10 00	15	2,5	731-1121-000	15	2,5	
	2120 11 00	15	4,0	731-1125-000	15	4,0	
	2120 12 00	20	6,3	731-1129-000	20	6,3	
	2120 13 00	25	10	731-1133-000	25	10	
	2120 14 00	32	16	731-1137-000	32	16	
	2120 15 00	40	25	731-1141-000	40	25	
	2120 16 00	50	38	731-1145-000	50	38	


PN16, 3 - WAY FLANGED

	ESBE series VLE325			TAC Type STL			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2140 01 00	20	0,63	STL 20-0,5	20	0,5	
	2140 02 00	20	1,0	STL 20-0,8	20	0,8	
	2140 03 00	20	1,6	STL 20-1,25	20	1,25	
	2140 04 00	20	2,5	STL 20-2,3	20	2,3	
	2140 05 00	20	4,0				
	2140 06 00	25	1,0				
	2140 07 00	25	1,6				
	2140 08 00	25	2,5				
	2140 09 00	25	4,0	STL 25-3,7	25	3,7	


REPLACEMENT GUIDE

TAC


PN16, 2 - WAY, INTERNAL THREADED

	ESBE series VLA121			TAC Type V211T			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2115 01 00	15	1,6	721-1716-000	15	1,6	
	2115 02 00	15	2,5	721-1720-000	15	2,5	
	2115 03 00	15	4,0	721-1724-000	15	4,0	
	2115 04 00	20	6,3	721-1728-000	20	6,3	
	2115 05 00	25	10	721-1732-000	25	10	
	2115 06 00	32	16	721-1736-000	32	16	
	2115 07 00	40	25	721-1740-000	40	25	
	2115 08 00	50	38	721-1744-000	50	38	

PN16, 2 - WAY, INTERNAL THREADED WITH PRESSURE-BALANCED PLUG

	ESBE series VLA221			TAC Type V212T			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2115 17 00	25	10	721-1832-000	25	10	
	2115 18 00	32	16	721-1836-000	32	16	
	2115 19 00	40	25	721-1840-000	40	25	
	2115 20 00	50	38	721-1844-000	50	38	


PN16, 3 - WAY, INTERNAL THREADED

	ESBE series VLA131			TAC Type V311T			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2115 09 00	15	1,6	731-1717-000	15	1,6	
	2115 10 00	15	2,5	731-1721-000	15	2,5	
	2115 11 00	15	4,0	731-1725-000	15	4,0	
	2115 12 00	20	6,3	731-1729-000	20	6,3	
	2115 13 00	25	10	731-1733-000	25	10	
	2115 14 00	32	16	731-1737-000	32	16	
	2115 15 00	40	25	731-1741-000	40	25	
	2115 16 00	50	38	731-1745-000	50	38	


REPLACEMENT GUIDE

TAC

PN16, 2 - WAY, EXTERNAL THREADED

	ESBE series VLE122			TAC Type V241			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2125 01 00	15	0,25	721-4106-000	15	0,25	
	2125 02 00	15	0,4	721-4110-000	15	0,4	
	2125 03 00	15	0,63	721-4114-000	15	0,63	
	2125 04 00	15	1,0	721-4118-000	15	1,0	
	2125 05 00	15	1,6	721-4122-000	15	1,6	
	2125 06 00	15	2,5	721-4126-000	15	2,5	
	2125 07 00	15	4,0	721-4130-000	15	4,0	
	2125 08 00	20	6,3	721-4134-000	20	6,3	
	2125 09 00	25	10	721-4138-000	25	10	
	2125 10 00	32	16	721-4142-000	32	16	
	2125 11 00	40	25	721-4146-000	40	25	
	2125 12 00	50	38	721-4150-000	50	38	

PN16, 3 - WAY, EXTERNAL THREADED

	ESBE series VLE132			TAC Type V341			Note
	Code No.	DN	Kvs	Code No.	DN	Kvs	
	2125 13 00	15	1,6	731-4121-000	15	1,6	
	2125 14 00	15	2,5	731-4125-000	15	2,5	
	2125 15 00	15	4,0	731-4129-000	15	4,0	
	2125 16 00	20	6,3	731-4133-000	20	6,3	
	2125 17 00	25	10	731-4137-000	25	10	
	2125 18 00	32	16	731-4141-000	32	16	
	2125 19 00	40	25	731-4145-000	40	25	
	2125 20 00	50	38	731-4149-000	50	38	

ESBE REPRESENTED IN

Austria

ESBE GmbH
Tel: +49 8131-99667-0
www.esbe.de

Belgium

Euro-Index
Tel: +32 2 757 92 44
www.euro-index.be

Croatia

Petrokov d.o.o
Tel: +385 1 363 8344
www.petrokov.hr

Czech Republic

Remak a.s.
Tel: +420 571 877 778
www.esbe.cz

Denmark

ESBE Denmark (ESBE AB, Sweden)
Tel: +45 75655011
www.esbe.se

Estonia

SB Keskkütteseadmed AS
Tel: +372 67 75 845
www.esbe.ee

Finland

Oy Callidus Ab
Tel: +358 9 374 751
www.callidus.fi

France

ESBE S.a.r.l.
Tel: +33 (0) 1 47 90 07 26
www.esbe.fr

Germany

ESBE GmbH
Tel: +49 8131-99667-0
www.esbe.de

Greece

Thermovent Hellas A.E.
Tel: +30 210 988 7400
www.thermovent.gr

Great Britain

ESSCO Controls Ltd
Tel: +44 1635 299 101
www.esscocontrols.co.uk

Hungary

Két Kör Kft
Tel: +36 23 530-570
www.ketkorkft.hu

Ireland

EPH Controls Ltd.
Tel: +353 21 434 6238
www.ephcontrols.com

Italy

ESBE S.r.l.
Tel: +39 0471 593360
www.esbe-italia.it

Latvia

Vaks Serviss SIA
Tel: +371 67816227

Lithuania

Vilterma Ltd.
Tel: +370 5 2742 788
www.vilterma.lt

Norway

ESBE AB
Tel: +46 (0)371 - 570 000
www.esbe.se

Poland

ESBE Hydronic Systems Sp. z o.o.
Tel: +48 61 85 10 728
www.esbe.eu

Portugal

Termotecnia Lda
Tel: +351 258 825 206
www.termotecnia.com

Romania

Markus Automatizări Srl
Tel: +40 21 334 00 40
www.markus.ro

Russia

Impuls
Tel: +7 - 495 992 6989
www.impulsgroup.ru

Slovakia

Remak a.s.
Tel: +420 571 877 778
www.esbe.cz

Slovenia

VETO Veletrgovina d.o.o.
Tel: +386 158 09 121
www.veto.si

Spain

Salvador Escoda S.A.
Tel: +34 93 446 27 80
www.salvadorescoda.com

Sweden

ESBE AB
Tel: +46 (0)371 - 570 000
www.esbe.se

Turkey

ESBE Türkiye Ofisi
Tel: +90 216 5770 898
www.esbe.com.tr

Ukraine

Afriso LLC
Tel: +38 044 332 01 32
www.afriso.com.ua

ESBE COMPANIES

Sweden • Head office and factory

ESBE AB
Bruksgatan 22
SE-330 21 Reftale
Tel: +46 (0)371 - 570 000
Fax: +46 (0)371 - 570 020
E-mail: sales@esbe.se
www.esbe.se

Denmark

ESBE Denmark, filial af ESBE AB i Sverige
Svinballevej 35
DK-8350 Hundslund
Tel: +45 75655011
Email: joern.nissen@esbe.se
www.esbe.se

Germany, Austria

ESBE GmbH
Newtonstr. 14
DE-85221 Dachau
Tel: +49 (0)8131 99 667-0
Fax: +49 (0)8131 99 667-77
E-mail: info@esbe.de
www.esbe.de

France

ESBE S.a.r.l.
14 Rue du Fossé Blanc Bat A1
FR-92230 Gennevilliers
Tel: +33 (0) 1 47 90 07 26
Fax: +33 (0) 1 47 91 17 13
E-mail: info@esbe.fr
www.esbe.fr

Italy

ESBE S.r.l.
Zona Produttiva Vurza 22
IT-39055 Pineta di Laives /BZ
Tel: +39 0471 593360
Fax: +39 0471 590685
E-mail: info-italia@esbe.de
www.esbe-italia.it

Turkey

ESBE Türkiye Ofisi
Kayışdağı Caddesi,
Cengizhan Sokak No:6 Kat:1
Küçükbakkalköy - Ataşehir
İstanbul
Tel: +90 216 5770 898
Fax: +90 216 5770 898
E-mail: info@esbe.com.tr
www.esbe.com.tr

Poland

ESBE Hydronic Systems Sp. z o.o.
ul. Garbary 56
PL-61-758 Poznań
Tel: +48 61 85 10 728
Fax: +48 61 85 82 208
E-mail: info.pl@esbe.eu
www.esbe.eu



NO.1 IN HYDRONIC SYSTEM CONTROL