Replacement Guide

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ESBE Made in Sweden since 1906



Hydronic system control units for your daily work



IT WORKS.

For more than 100 years we have been establishing new standards time after time for what valves and actuators can do in different systems. All our products have one or more of the following features in common: they use less energy, they enhance comfort and they improve safety; in systems for heating, cooling and tap water.

All the time in your daily work, installing valves and actuators, it is important that you can rely on the products you use. We can ensure you of this. It works!

Further technical information

On our website you will find loads of useful information like instruction manuals, certificates and technical data. You can also download and install our popular "ESBE Hydronic selection" software.

Visit esbe.eu for detail product info.



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ROTARY VALVES, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	11000200	3MG DN15 Kvs 0,6 Rp ½"	11600200	VRG131	
	11000300	3MG DN15 Kvs 1,0 Rp ½"	11600300		
	11000400	3MG DN15 Kvs 1,2 Rp ½"	11600400		
	11000500	3MG DN15 Kvs 1,6 Rp ½"	11600400		
	11000100	3MG DN15 Kvs 2,5 Rp ½"	11600500		
	11000700	3MG DN20 Kvs 4 Rp ¾"	11600800		
	11001100	3MG DN20 Kvs 6,3 Rp ¾"	11600900		
	11001600	3MG DN25 Kvs 8 Rp 1"	11601000		
	11002400	3MG DN25 Kvs 12 Rp 1"	11601100		
	11002700	3MG DN32 Kvs 18 Rp 1¼"	11601200		
	11002100	3MG DN20 Kvs 6,3 22mm cpf	11603000	VRG133	
	11002300	3MG DN 25 Kvs 8 28mm cpf	11603100		
	11001300	3MGA DN20 Kvs 6,3 G 1"	11602300	VRG132	
	11002600	3MGA DN25 Kvs 12 G 1¼"	11602500		
	11002900	3MGA DN32 Kvs 18 G 1½"	11602600		
Missing	11001500	3MGR DN20 Kvs 6,3 G 1"	11604100	VRG138	
	11003400	4MG DN15 Kvs 2,5 Rp ½"	11640100	VRG141	
	11003600	4MG DN20 Kvs 4 Rp ¾"	11640200		
	11003900	4MG DN20 Kvs 6,3 Rp ¾"	11640300		
	11004200	4MG DN25 Kvs 8 Rp 1"	11640400		
	11004900	4MG DN32 Kvs 18 Rp 1¼"	11640500		
	11004100	4MGA DN20 Kvs 6,3 G 1"	11641000	VRG142	

The purpose of the replacement guide is to assist you in finding the best replacement for an existing product. It is up to the user of this guide to make the final judgement of which product to choose and check that the application specific requirements are fulfilled. Note also that product installation dimensions might be different.

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	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	11005500	3MGP DN15 Kvs 2,5 G 1" / G 1½" / PF 1½"	11604400	VRG139	
	11005600	3MGP DN20 Kvs 6,3 G 1" / G 1½" / PF 1½"	11604500		
	11002000	3MGP DN25 Kvs 8 G 1" / G 1½" / PF 1½"	11604600		
	11005700	3MGP DN32 Kvs 18 G 1¼" / G 1½" / PF 1½"	-		
	11050100	3G DN20 Kvs 8 Rp ¾"	11600900	VRG131	
	11050200	3G DN25 Kvs 12 Rp 1"	11601100		
	11050300	3G DN32 Kvs 18 Rp 1¼"	11601200		
	11050400	3G DN40 Kvs 28 Rp 1½"	11603400		
	11050600	3G DN50 Kvs 44 Rp 2"	11603600		
	11050800	4G DN20 Kvs 8 Rp ¾"	11640300	VRG141	
	11051000	4G DN25 Kvs 12 Rp 1"	11640400		
	11051300	4G DN32 Kvs 18 Rp 1¼"	11640500		
	11051400	4G DN40 Kvs 28 Rp 1½"	11641500		
	11051600	4G DN50 Kvs 44 Rp 2"	11641700		
	11350500	3HG DN25 Kvs 10 G 1½"	11720300	VRH139	
	11450100	BIV DN20 Kvs 4 G ¾"	11662400	VRB142	
	11450300	BIV DN20 Kvs 4,0 22mm cpf	11661500	VRB143	
	11450200	BIV DN25 Kvs 12 Rp 1"	11660400	VRB141	

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ROTARY ACTUATORS, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	12000100	62 24V 120s 5Nm 3P	12100300	ARA663	
	12000500	62M 24V 120s 5Nm 3P	12100800*	ARA664	
	12000800	63 24V 240s 5Nm 3P	12100400	ARA673	
	12000900	63M 24V 240s 5Nm 3P	12100900*	ARA674	
	12001000	65 230V 60s 5Nm 3P	12101200	ARA651	
	12001100	65M 230V 60s 5Nm 3P	12101700*	ARA652	
	12001400	66 230V 120s 5Nm 3P	12101300	ARA661	
	12001500	66M 230V 120s 5Nm 3P	12101800*	ARA662	
	12002000	67 230V 240s 5Nm 3P	12101400	ARA671	
	12002100	67-20 230V 1200s 5Nm 3P	12101500	ARA691	
	12002200	67-20M 230V 1200s 5Nm 3P	12102000*	ARA692	
	12002300	67M 230V 240s 5Nm 3P	12101900*	ARA672	
	12002700	68 230V 60s 5Nm 2P	12120900	ARA655	
	12002900	68M 230V 60s 5Nm 2P	12121200*	ARA656	
	12003000	69 230V 480s 5Nm 3P	12101500	ARA691	
	12003100	69M 230V 480s 5Nm 3P	12102000*	ARA692	
	12500100	62P 24V 60-120s 5Nm Prop.	12520100	ARA639	
			12520200	ARA659	

* With premounted auxiliary switch

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	81	81 24V 12s 3Nm 3P	12050200	91	
	82	82 24V 55s 5Nm 3P	12050600	92	
	82S	82S 24V 55s 10Nm 3P			
	83	83 24V 240s 5Nm 3P	12051300	93	
	83S	83S 24V 240s 10Nm 3P			
	84	84 220V 12s 3Nm 3P	12051700	94	
	85	85 220V 55s 5Nm 3P	12051900	95	
	85S	85S 220V 55s 10Nm 3P			
	86	86 220V 240s 5Nm 3P	12052300	96	
	86S	86S 220V 240s 10Nm 3P			
	87	87 220V 12s 3Nm 2P	12052500	97	
	88	88 220V 55s 5Nm 2P	12052600	98	
	88S	88S 220V 55s 10Nm 2P			
	82P	82P 24V AC/DC 55s 10Nm	12550100	92P	
	83P	83P 24V AC/DC 240s 15Nm	12550200	92P2	

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CONTROLLERS, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	12600100	95-1C	12601500	90C-1A-90	
	12601100	90C-1A	12601500	90C-1A-90	
	12601200	90C-1B	12601600	90C-1B-90	
	12601300	90C-1C	12601700	90C-1C-90	
	12602100	90C-2A	–	–	
	12602200	90C-2B	12603600	90C-3B-90	
	12602300	90C-2C	12603700	90C-3C-90	
	12603100	90C-3A	–	–	
	12603200	90C-3B	12603600	90C-3B-90	
	12603300	90C-3C	12603700	90C-3C-90	
	12700100	92K2	12742200	CRA122	
	12700500	99K2	12742100	CRA121	
	12700200	94K2	12050200 + 12642200	91 + CUA122	
	12662100	CRB121	12662200	CRB122	
	12660300	CRB113	12661400	CRB114	

ROOM THERMOSTATS, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	18000100	TMA111	18000500	TMA115	
	18000200	TMA112	18000600	TMA116	
	18000300	TMA113	18000700	TMA117	

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LOAD VALVES, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	11400600	TV25, Kvs 9 45°C Rp 1"	51020100	VTC511, 50°C	
	11400700	TV25, Kvs 9 55°C Rp 1"	51020200	VTC511, 55°C	
	11400400	TV25, Kvs 9 60°C Rp 1"	51020300	VTC511, 60°C	
	11400100	TV25, Kvs 9 72°C Rp 1"	51020400	VTC511, 70°C	
	11401100	TV32, Kvs 14 45°C Rp1¼"	51020600	VTC511, 50°C	
	11401200	TV32, Kvs 14 55°C Rp1¼"	51020700	VTC511, 55°C	
	11400800	TV32, Kvs 14 60°C Rp1¼"	51020800	VTC511, 60°C	
	11400200	TV32, Kvs 14 72°C Rp1¼"	51020900	VTC511, 70°C	

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	11400600	TV25, Kvs 9 45°C Rp1"	51025500	VTC531, 50°C	
	11400700	TV25, Kvs 9 55°C Rp1"	51025600	VTC531, 55°C	
	11400400	TV25, Kvs 9 60°C Rp1"	51025700	VTC531, 60°C	
	11400100	TV25, Kvs 9 72°C Rp1"	51025800	VTC531, 70°C	
	11401100	TV32, Kvs 14 45°C Rp1¼"	51026000	VTC531, 50°C	
	11401200	TV32, Kvs 14 55°C Rp1¼"	51026100	VTC531, 55°C	
	11400800	TV32, Kvs 14 60°C Rp1¼"	51026200	VTC531, 60°C	
	11400200	TV32, Kvs 14 72°C Rp1¼"	51026300	VTC531, 70°C	
	11401500	TV40, Kvs 17 45°C Rp1½"	51026500	VTC531, 50°C	
	11401600	TV40, Kvs 17 55°C Rp1½"	51026600	VTC531, 55°C	
	11401300	TV40, Kvs 17 60°C Rp1½"	51026700	VTC531, 60°C	
	11400300	TV40, Kvs 17 72°C Rp1½"	51026800	VTC531, 70°C	

As the main rule an ESBE TV valve DN25 - DN32 can be replaced with a VTC511 or 512 of a matching connection. For DN40 connection and/or the additional features of insulation, thermometers and shut-off valves (which were not included in the TV valve) a VTC530 can be chosen.

Note 1: Due to the shut off valves included in the VTC530 valves, the Kvs is somewhat lower than the matching TV valve.
Note 2: If the customer has a pellet stove or a boiler with an output of less than 25 kW, we recommend replacing the TV valve with a VTC300. The TV valve can also be replaced by a LTC200 load unit, but then it is important to recognize that there is also a pump integrated in the unit.
Note 3: When using a TV valve, an adjustment valve is recommended for the bypass pipe, but with the new VTC/LTC products no such adjustment valve is needed as long as the maximum differential pressure is not exceeded.

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LOAD VALVES, HERZ & REGULUS

	HERZ Teplomix with bypass		ESBE Series VTC510		
	Code No.	Type	Code No.	Type	
	1776603	DN25, Kvs 11/17* 61°C G 1¼"	51021700	VTC512, 60°C	
	1776604	DN32, Kvs 14/19* 61°C G 1½"	51022200	VTC512, 60°C	

	HERZ Teplomix with bypass closing function		ESBE Series VTC510		
	Code No.	Type	Code No.	Type	
	1776613	DN25, Kvs 11/17* 55-63°C G 1¼"	51021700	VTC512, 60°C	
	1776614	DN32, Kvs 14/19* 55-63°C G 1½"	51022200	VTC512, 60°C	

	REGULUS TSV				ESBE Series VTC300/VTC500		
	Ref.	DN	Connection	Tempe-rature	Code No.	Type	
	TSV1	32	G 1¼" housing	65°C	51022500	VTC512, 65°C	
	TSV1	32	Rp ½" adapter	65°C	Rp ½" not available		
	TSV1	32	Rp ¾" adapter	65°C	51000300	VTC311, 60°C	
	TSV1	32	Rp 1" adapter	65°C	51021100	VTC511, 65°C	
	TSV1	32	Cu Soldering DN28 adapter	65°C	Soldering adapter not available		
	TSV2	50	G 2" housing	61°C	G 2" not available		
	TSV2	50	Rp 1¼" adapter	61°C	51020800	VTC511, 60°C	
	TSV2	50	Rp 1½" adapter	61°C	51026700	VTC531, 60°C	
	TSV2	50	Rp 2" adapter	61°C	51027200	VTC531, 60°C	

* Tank/Bypass

These replacement suggestions are primarily based on connection type and size (e.g. Regulus Rp1" → ESBE Rp1"). Please also bear in mind that from a heat output perspective, the general recommendation is that series VTC300 is the best choice for heating systems with a boiler output of up to 30 kW, and series VTC500 is suitable for systems with a boiler output of 150 kW or less.

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LOAD VALVES, ACASO / TERMOVAR



ACASO / TERMOVAR				ESBE Series VTC300/VTC500			
Reference	DN	Kvs	Temp.	Code No.	Reference	Kvs	Temp.
Termovar 15	15	4	45°C	Rp ½" only available as adapter (26100700) together with G 1" valve			
Termovar 15	15	4	55°C				
Termovar 15	15	4	61°C				
Termovar 15	15	4	72°C				
Termovar 15	15	4	80°C				
Termovar 20	20	6	45°C	51000100	VTC311	3,2	45°C
Termovar 20	20	6	55°C	51000200	VTC311	3,2	55°C
Termovar 20	20	6	61°C	51000300	VTC311	3,2	60°C
Termovar 20	20	6	72°C	51000400	VTC311	3,2	70°C
Termovar 20	20	6	80°C	51000500	VTC311	3,2	80°C
Termovar 25	25	9	45°C	51020100	VTC511	9	50°C
Termovar 25	25	9	55°C	51020200	VTC511	9	55°C
Termovar 25	25	9	61°C	51020300	VTC511	9	60°C
Termovar 25	25	9	72°C	51020400	VTC511	9	70°C
Termovar 25	25	9	80°C	51020500	VTC511	9	75°C
Termovar 32	32	12	45°C	51020600	VTC511	14	50°C
Termovar 32	32	12	55°C	51020700	VTC511	14	55°C
Termovar 32	32	12	61°C	51020800	VTC511	14	60°C
Termovar 32	32	12	72°C	51020900	VTC511	14	70°C
Termovar 32	32	12	80°C	51021000	VTC511	14	75°C
Termovar 40	40	17	45°C	51026500	VTC531	8	50°C
Termovar 40	40	17	55°C	51026600	VTC531	8	55°C
Termovar 40	40	17	61°C	51026700	VTC531	8	60°C
Termovar 40	40	17	72°C	51026800	VTC531	8	70°C
Termovar 40	40	17	80°C	51026900	VTC531	8	75°C
Termovar 50	50	21	45°C	51027000	VTC531	12	50°C
Termovar 50	50	21	55°C	51027100	VTC531	12	55°C
Termovar 50	50	21	61°C	51027200	VTC531	12	60°C
Termovar 50	50	21	72°C	51027300	VTC531	12	70°C
Termovar 50	50	21	80°C	51027400	VTC531	12	75°C



When replacing an Acaso load valve both connection and Kvs must be taken into consideration. Since the Acaso load valve is generally using smaller connections than ESBE, two choices have been presented for a number of Acaso version. The first choice is with matching connections, the other with matching Kvs.



ACASO / TERMOVAR				ESBE Series VTC300/VTC500			
Reference	DN	Kvs	Temp.	Code No.	Reference	Kvs	Temp.
Termovar 20A	20	4	45°C	G ½" not available			
Termovar 20A	20	4	55°C				
Termovar 20A	20	4	61°C				
Termovar 20A	20	4	72°C				
Termovar 20A	20	4	80°C				



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ACASO / TERMOVAR				ESBE Series VTC300/VTC500			
Reference	DN	Kvs	Temp.	Code No.	Reference	Kvs	Temp.
Termovar 25A	25	6	45°C	51000800	VTC312	2,8	45°C
Termovar 25A	25	6	55°C	51000900	VTC312	2,8	55°C
Termovar 25A	25	6	61°C	51001000	VTC312	2,8	60°C
Termovar 25A	25	6	72°C	51001100	VTC312	2,8	70°C
Termovar 25A	25	6	80°C	51001200	VTC312	2,8	80°C
Termovar 32A	32	9	45°C	51001500	VTC312	3,2	45°C
				51021500	VTC512	9	50°C
Termovar 32A	32	9	55°C	51001600	VTC312	3,2	55°C
				51021600	VTC512	9	55°C
Termovar 32A	32	9	61°C	51001700	VTC312	3,2	60°C
				51021700	VTC512	9	60°C
Termovar 32A	32	9	72°C	51001800	VTC312	3,2	70°C
				51021800	VTC512	9	70°C
Termovar 32A	32	9	80°C	51001900	VTC312	3,2	80°C
				51021900	VTC512	9	75°C
Termovar 40A	40	12	45°C	51021500	VTC512	9	50°C
				51022000	VTC512	14	50°C
Termovar 40A	40	12	55°C	51021600	VTC512	9	55°C
				51022100	VTC512	14	55°C
Termovar 40A	40	12	61°C	51021700	VTC512	9	60°C
				51022200	VTC512	14	60°C
Termovar 40A	40	12	72°C	51021800	VTC512	9	70°C
				51022300	VTC512	14	70°C
Termovar 40A	40	12	80°C	51021900	VTC512	9	75°C
				51022400	VTC512	14	75°C



When replacing an Acaso load valve both connection and Kvs must be taken into consideration. Since the Acaso load valve is generally using smaller connections than ESBE, two choices have been presented for a number of Acaso version. The first choice is with matching connections, the other with matching Kvs.



ACASO / TERMOVAR				ESBE Series VTC300/VTC500	
Reference	DN	Kvs	Temp.	Code No.	Reference
Termovar 15K	15	4	45°C	CPF15mm not available	
Termovar 15K	15	4	55°C		
Termovar 15K	15	4	61°C		
Termovar 15K	15	4	72°C		
Termovar 15K	15	4	80°C		
Termovar 20K	20	6	45°C	CPF22mm not available	
Termovar 20K	20	6	55°C		
Termovar 20K	20	6	61°C		
Termovar 20K	20	6	72°C		
Termovar 20K	20	6	80°C		
Termovar 25K	25	9	45°C	CPF28mm not available	
Termovar 25K	25	9	55°C		
Termovar 25K	25	9	61°C		
Termovar 25K	25	9	72°C		
Termovar 25K	25	9	80°C		



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LOAD UNITS, ACASO / TERMOVAR

	ACASO / TERMOVAR			ESBE Series LTC200							
	DN	Connection	Tempe-rature	Code No.	Reference	DN	Connection	Tempe-rature	max. Heat Output [kW]	max. Δt	
	25	Rp 1"	55°C	55004000	LTC261	25	G 1"	55°C	95	35	
	25	Rp 1"	61°C	55004100	LTC261	25	G 1"	60°C	80	30	
	25	Rp 1"	72°C	55004200	LTC261	25	G 1"	65°C	65	25	
				55004300	LTC261	25	G 1"	70°C	55	20	
	25	Rp 1"	80°C	55004300	LTC261	25	G 1"	70°C	55	20	
	28	CPF 28mm	55°C	–							
	28	CPF 28mm	61°C	–							
	28	CPF 28mm	72°C	–							
	28	CPF 28mm	80°C	–							
	32	Rp 1¼"	55°C	55004400	LTC261	32	G 1¼"	55°C	95	35	
	32	Rp 1¼"	61°C	55004400	LTC261	32	G 1¼"	55°C	95	35	
	32	Rp 1¼"	72°C	55004500	LTC261	32	G 1¼"	60°C	80	30	
	32	Rp 1¼"	80°C	55004700	LTC261	32	G 1¼"	70°C	55	20	

CPF = Compression Fitting

When replacing an Acaso load unit both connection and boiler heat output must be taken into consideration. The general recommendation is that series LTC260 is the best choice for heating systems with a boiler output up to 55 kW, and series LTC270 is suitable for systems with a boiler output of 80/100 kW or less.

Important! The Acaso load unit has an opening temperature of 55°C, 61°C, 72°C or 80°C, but the mixing temperature is significantly lower, which means the Acaso versions 61°C, 72°C and 80°C must be replaced by a ESBE LTC200 with a lower opening temperature (e.g. Acaso 72°C → ESBE 60°C, see table above).

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LOAD UNITS, TERMOVENTILER

	Termoventiler Laddomat 21				ESBE Series LTC200							
	DN	Connection	Tempe-rature	Heat Output [kW]	Code No.	Reference	DN	Connection	Tempe-rature	max. Heat Output [kW]	max. Δt	
	32	Rp 1¼"	72°C	≤ 80	55004500	LTC261	32	G 1¼"	60°C	80	30	
					55007300	LTC271	40	G 1½"	60°C	100	30	
	32	Rp 1¼"	78°C	≤ 80	55004600	LTC261	32	G 1¼"	65°C	65	25	
					55007400	LTC271	40	G 1½"	65°C	80	25	
	32	Rp 1¼"	83°C	≤ 80	55004700	LTC261	32	G 1¼"	70°C	55	20	
					55007500	LTC271	40	G 1½"	70°C	65	20	
	32	Rp 1¼"	88°C	≤ 80	55004700	LTC261	32	G 1¼"	70°C	55	20	
					55007500	LTC271	40	G 1½"	70°C	65	20	

When replacing a Laddomat 21 load unit both connection and boiler heat output must be taken into consideration. Two choices have been presented for each Laddomat 21 version; the first choice is with matching connections, the other with higher heat output.

Important! The Laddomat 21 has an opening temperature of 72°C, 78°C, 83°C or 88°C, but the mixing temperature is significantly lower, which means it must be replaced by a ESBE LTC200 with a lower opening temperature (e.g. Laddomat 72°C → ESBE 60°C, see table above).

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DIVERTING VALVES, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	43020100	VZA161 DN20 Kvs 6,5 Rp ¾" IP20	–	–	
	43020200		43060200	VZC161	
	43020300*	VZA151 DN20 Kvs 6,5 Rp ¾" IP20	–	–	
	43020400*		–	–	
	43020500	VZA162 DN15 Kvs 3,5 G ¾" IP20	–	–	
	43020600		43060600	VZC162	
	43020700	VZA162 DN20 Kvs 6,5 G 1" IP20	43060700		
	43020800		43060800		
	43020900*	VZA152 DN15 Kvs 3,5 G ¾" IP20	–	–	
	43021000*		–	–	
	43021100*	VZA152 DN20 Kvs 6,5 G 1" IP20	–	–	
	43021200*		43061200*	VZC152	
	43021300	VZA263 DN20 Kvs 4,5 CPF 22mm IP20	–	–	
	43021400		43061400	VZC263	
	43021500	VZA263 DN25 Kvs 6,5 CPF 28mm IP20	–	–	
	43021600		43061600	VZC263	
	43021700*	VZA253 DN20 Kvs 4,5 CPF 22mm IP20	–	–	
	43021800*		–	–	
	43021900*	VZA253 DN25 Kvs 6,5 CPF 28mm IP20	–	–	
	43022000*		–	–	
	43040100	VZB161 DN20 Kvs 6,5 Rp ¾" IP40	43080100	VZD161	
	43040200*	VZB151 DN20 Kvs 6,5 Rp ¾" IP40	–	–	
	43040300	VZB162 DN15 Kvs 3,5 G ¾" IP40	43080300	VZD162	
	43040400	VZB162 DN20 Kvs 6,5 G 1" IP40	43080400		
	43040500*	VZB152 DN15 Kvs 3,5 G ¾" IP40	–	–	
	43040600*	VZB152 DN20 Kvs 6,5 G 1" IP40	–	–	
	43040700	VZB263 DN20 Kvs 4,5 CPF 22mm IP40	43080700	VZD263	
	43040800	VZB263 DN25 Kvs 6,5 CPF 28mm IP40	43080800		
	43040900*	VZB253 DN20 Kvs 4,5 CPF 22mm IP40	–	–	
	43041000*	VZB253 DN25 Kvs 6,5 CPF 28mm IP40	–	–	

* With auxiliary switch

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DIVERTING VALVES & ZONE VALVES, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	4390215012	ZV2-15 DN15 Kvs 3,5 Rp ½" 230V AC	43122100	ZRS224	
	4390220012	ZV2-20 DN20 Kvs 4,4 Rp ¾" 230V AC	43122200		
	4390225012	ZV2-25 DN25 Kvs 4,5 Rp 1" 230V AC	43122300		
	4390220512	ZV2-20 DN20 Kvs 4,4 G ¾" 230V AC	–	–	
	4390225512	ZV2-25 DN25 Kvs 4,5 G 1" 230V AC	–		
	4390220612	ZVS2-20 DN20 Kvs 4,4 G ¾" 230V AC	–	–	
	4390225612	ZVS2-25 DN25 Kvs 4,5 G 1" 230V AC	–		
	4390315012	ZV3-15 DN15 Kvs 3,5 Rp ½" 230V AC	43123100	ZRS234	
	4390320012	ZV3-20 DN20 Kvs 4,4 Rp ¾" 230V AC	43123200		
	4390325012	ZV3-25 DN25 Kvs 4,5 Rp 1" 230V AC	43123300		
	4390325412	ZV3-25 DN25 Kvs 4,5 Rp 1" 24V AC	–	–	
	4390320512	ZV3-20 DN20 Kvs 4,4 G ¾" 230V AC	–	–	
	4390325512	ZV3-25 DN25 Kvs 4,5 G 1" 230V AC	–		
	4390320612	ZVS3-20 DN20 Kvs 4,4 G ¾" 230V AC	–	–	
	4390325612	ZVS3-25 DN25 Kvs 4,5 G 1" 230V AC	–		

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THERMOSTATIC MIXING VALVES, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	410	15RA, 38–65°C	31050200	VTA312	
	401	15, 38–65°C CPF 15 mm	31050100	VTA313	
	403	18, 38–65°C CPF 18 mm	31050300		
	404	20, 38–65°C CPF 22 mm	31050400		
	406	15R, 38–65°C	31100400	VTA321	
	472L	15R-AS, 20-40°C Rp 1"	31100300		
	407	20R, 38–65°C	31100800		
	474L	20R-AS, 20-40°C Rp ¾"	31100700		
	410L	15RA, 20–40°C	31102800		
	471	20RA-AS, 38-65°C G ¾"	31100600	VTA322	
	471L	20RA-AS, 20-40°C G ¾"	31100500		
	475	25RA-AS, 38-65°C G 1"	31101000		
	475L	25RA-AS, 20-40°C G 1"	31100900		
	470	20-AS, 38-65°C CPF 22 mm	31100200	VTA323	
	470L	20-AS, 20-40°C CPF 22 mm	31100100		
Missing	416	28, 38–65°C CPF 28 mm	31621700	VTA523	
	414	20K, 35–60°C	31350500	VTA323	
	401L	15, 20–40°C	31102600	VTA323	

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	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	31301200	VTA222, 38–65°C	31620200	VTA522	
	31301600	VTA222, 20–40°C	31620100		
	31300100	VTA223, 38–65°C	31621700	VTA523	
	31300700	VTA223, 20–40°C	31621600		
	476	28-AS, 38-65°C CPF 28mm	31621700		
	476L	28-AS, 20-40°C CPF 28mm	31621600		
	31105400	VTA372, 35–60°C	31200400	VTA372	
	31301300	VTA272, 20–40°C	31702100	VTA572	
	31700200	VTA572, 20–43°C	31702100	VTA572	
	31700500	VTA572, 20–43°C	31702200		
	31700300	VTA572, 45–65°C	31702500		
	31700600	VTA572, 45–65°C	31702600		

THERMOSTATIC UNITS, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	1450004	1450, 38-65°C CPF 22mm	31502100	VMB423	
	1450004	1450, 38-65°C CPF 22mm	31502100	VMB423	
	31520100	VMC312, G1" 50°C	31521100	VMC322	
	31520300	VMC312, G1" 60°C	31521200		
	31520400	VMC312, G1" 45°C	31521000		

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LINEAR VALVES, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	7001	VL2TB DN15 Kv 0,25 PN16	21250100	VLE122	
	7002	VL2TB DN15 Kv 0,4 PN16	21250200		
	7003	VL2TB DN15 Kv 0,63 PN16	21250300		
	7004	VL2TB DN15 Kv 1 PN16	21250400		
	7005	VL2TB DN15 Kv 1,6 PN16	21250500		
	7006	VL2TB DN15 Kv 2,5 PN16	21250600		
	7007	VL2TB DN15 Kv 4 PN16	21250700		
	7008	VL2TB DN20 Kv 6,3 PN16	21250800		
	7009	VL2TB DN25 Kv 10 PN16	21250900		
	7010	VL2TB DN32 Kv 16 PN16	21251000		
	7011	VL2TB DN40 Kv 25 PN16	21251100		
	7012	VL2TB DN50 Kv 38 PN16	21251200		
	7013	VL3TB DN15 Kv 1,6 PN16	21251300	VLE132	
	7014	VL3TB DN15 Kv 2,5 PN16	21251400		
	7015	VL3TB DN15 Kv 4 PN16	21251500		
	7016	VL3TB DN20 Kv 6,3 PN16	21251600		
	7017	VL3TB DN25 Kv 10 PN16	21251700		
	7018	VL3TB DN32 Kv 16 PN16	21251800		
	7019	VL3TB DN40 Kv 25 PN16	21251900		
	7020	VL3TB DN50 Kv 38 PN16	21252000		
	7041	VL2TBA DN25 Kv 10 PN16	21252100	VLE222	
	7042	VL2TBA DN32 Kv 16 PN16	21252200		
	7043	VL2TBA DN40 Kv 25 PN16	21252300		
	7044	VL2TBA DN50 Kv 38 PN16	21252400		
	7044	VL2TBA DN50 Kv 38 PN16	21252400		
	7025	VL2TA DN15 Kv 1,6 PN16	21150100	VLA121	
	7026	VL2TA DN15 Kv 1,6 PN16	21150200		
	7027	VL2TA DN15 Kv 4,0 PN16	21150300		
	7028	VL2TA DN20 Kv 6,3 PN16	21150400		
	7029	VL2TA DN25 Kv 10 PN16	21150500		
	7030	VL2TA DN32 Kv 16 PN16	21150600		
	7031	VL2TA DN40 Kv 25 PN16	21150700		
	7032	VL2TA DN50 Kv 38 PN16	21150800		
	7033	VL3TA DN15 Kv 1,6 PN16	21150900	VLA131	
	7034	VL3TA DN15 Kv 2,5 PN16	21151000		
	7035	VL3TA DN15 Kv 4,0 PN16	21151100		
	7036	VL3TA DN20 Kv 6,3 PN16	21151200		
	7037	VL3TA DN25 Kv 10 PN16	21151300		
	7038	VL3TA DN32 Kv 16 PN16	21151400		
	7039	VL3TA DN40 Kv 25 PN16	21151500		
	7040	VL3TA DN50 Kv 38 PN16	21151600		

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	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	7145	VL2TAA DN25 Kv 10 PN16	–	–	
	7146	VL2TAA DN32 Kv 16 PN16	–		
	7147	VL2TAA DN40 Kv 25 PN16	–		
	7148	VL2TAA DN50 Kv 38 PN16	–		
	7101	VL2FD DN15 Kv 0,25 PN25	21300100	VLC125	
	7102	VL2FD DN15 Kv 0,4 PN25	21300200		
	7103	VL2FD DN15 Kv 0,63 PN25	21300300		
	7104	VL2FD DN15 Kv 1 PN25	21300400		
	7105	VL2FD DN15 Kv 1,6 PN25	21300500		
	7106	VL2FD DN15 Kv 2,5 PN25	21300600		
	7107	VL2FD DN15 Kv 4 PN25	21300700		
	7108	VL2FD DN20 Kv 6,3 PN25	21300800		
	7402	VL2FD DN25 Kv 2,5 PN25	21301800		
	7403	VL2FD DN25 Kv 4,0 PN25	21301900		
	7404	VL2FD DN25 Kv 6,3 PN25	21302000		
	7109	VL2FD DN25 Kv 10 PN25	21300900		
	7110	VL2FD DN32 Kv 16 PN25	21301000		
	7405	VL2FD DN40 Kv 1,6 PN25	21302100		
	7406	VL2FD DN40 Kv 2,5 PN25	21302200		
	7407	VL2FD DN40 Kv 4,0 PN25	21302300		
	7408	VL2FD DN40 Kv 6,3 PN25	21302400		
	7409	VL2FD DN40 Kv 10 PN25	21302500		
	7410	VL2FD DN40 Kv 16 PN25	21302600		
	7111	VL2FD DN40 Kv 25 PN25	21301100		
	7112	VL2FD DN50 Kv 38 PN25	21301200		
	7121	VL2FDA DN25 Kv 10 PN25	21301300	VLC225	
	7122	VL2FDA DN32 Kv 16 PN25	21301400		
	7123	VL2FDA DN40 Kv 25 PN25	21301500		
	7124	VL2FDA DN50 Kv 38 PN25	21301600		

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LINEAR VALVES, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	7125	VL2FA DN15 Kv 1,6 PN16	21200100	VLA325	
	7126	VL2FA DN15 Kv 2,5 PN16	21200200		
	7127	VL2FA DN15 Kv 4,0 PN16	21200300		
	7128	VL2FA DN20 Kv 6,3 PN16	21200400		
	7129	VL2FA DN25 Kv 10 PN16	21200500		
	7130	VL2FA DN32 Kv 16 PN16	21200600		
	7131	VL2FA DN40 Kv 25 PN16	21200700		
	7132	VL2FA DN50 Kv 38 PN16	21200800		
	7757	VL2FA DN65 Kv 63 PN16	21220100	VLB325	
	7758	VL2FA DN80 Kv 100 PN16	21220200		
	7759	VL2FA DN100 Kv 160 PN16	21220300		
	7760	VL2FA DN125 Kv 250 PN16	21220400		
	7761	VL2FA DN150 Kv 340 PN16	21220500		
	7133	VL3FA DN15 Kv 1,6 PN16	21200900	VLA335	
	7134	VL3FA DN15 Kv 2,5 PN16	21201000		
	7135	VL3FA DN15 Kv 4,0 PN16	21201100		
	7136	VL3FA DN20 Kv 6,3 PN16	21201200		
	7137	VL3FA DN25 Kv 10 PN16	21201300		
	7138	VL3FA DN32 Kv 16 PN16	21201400		
	7139	VL3FA DN40 Kv 25 PN16	21201500		
	7140	VL3FA DN50 Kv 38 PN16	21201600		
	7762	VL3FA DN65 Kv 63 PN16	21221100	VLB335	
	7763	VL3FA DN80 Kv 100 PN16	21221200		
	7764	VL3FA DN100 Kv 160 PN16	21221300		
	7765	VL3FA DN125 Kv 250 PN16	21221400		
	7766	VL3FA DN150 Kv 340 PN16	21221500		
	7141	VL2FAA DN25 Kv 10 PN16	–	–	
	7142	VL2FAA DN32 Kv 16 PN16	–		
	7143	VL2FAA DN40 Kv 25 PN16	–		
	7144	VL2FAA DN50 Kv 38 PN16	–		

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	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	7149	VL2FC DN15 Kv 1,6 PN6	–	VLF125	
	7150	VL2FC DN15 Kv 2,5 PN6	–		
	7151	VL2FC DN15 Kv 4,0 PN6	–		
	7152	VL2FC DN20 Kv 6,3 PN6	21000400		
	7153	VL2FC DN25 Kv 10 PN6	21000500		
	7154	VL2FC DN32 Kv 16 PN6	21000600		
	7155	VL2FC DN40 Kv 25 PN6	21000700		
	7156	VL2FC DN50 Kv 38 PN6	21000800		
	7157	VL3FC DN15 Kv 1,6 PN6	–	VLF135	
	7158	VL3FC DN15 Kv 2,5 PN6	–		
	7159	VL3FC DN15 Kv 4,0 PN6	–		
	7160	VL3FC DN20 Kv 6,3 PN6	21001200		
	7161	VL3FC DN25 Kv 10 PN6	21001300		
	7162	VL3FC DN32 Kv 16 PN6	21001400		
	7163	VL3FC DN40 Kv 25 PN6	21001500		
	7164	VL3FC DN50 Kv 38 PN6	21001600		
	7767	VL3FC DN65 Kv 63 PN6	–	–	
	7768	VL3FC DN80 Kv 100 PN6	–		
	7165	VL2FS DN20 Kv 0,63 PN16	21400100	VLE325	
	7166	VL2FS DN20 Kv 1,0 PN16	21400200		
	7167	VL2FS DN20 Kv 1,6 PN16	21400300		
	7168	VL2FS DN20 Kv 2,5 PN16	21400400		
	7169	VL2FS DN20 Kv 4 PN16	21400500		
	7170	VL2FS DN25 Kv 1,0 PN16	21400600		
	7171	VL2FS DN25 Kv 1,6 PN16	21400700		
	7172	VL2FS DN25 Kv 2,5 PN16	21400800		
	7173	VL2FS DN25 Kv 4 PN16	21400900		
	7174	VL2FS DN32 Kv 1,6 PN16	21401000		
	7175	VL2FS DN32 Kv 2,5 PN16	21401100		
	7176	VL2FS DN32 Kv 4 PN16	21401200		
	7177	VL2FS DN40 Kv 1,6 PN16	21401300		
	7178	VL2FS DN40 Kv 2,5 PN16	21401400		
	7179	VL2FS DN40 Kv 4 PN16	21401500		
	7180	VL2FS DN32 Kv 6,3 PN16	21401600		
	7181	VL2FS DN40 Kv 6,3 PN16	21401700		

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LINEAR VALVES, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	7701	VL2TL DN15 Kv 0,25 PN16	–		
	7702	VL2TL DN15 Kv 0,4 PN16	–		
	7703	VL2TL DN15 Kv 0,63 PN16	–		
	7704	VL2TL DN15 Kv 1 PN16	–		
	7705	VL2TL DN15 Kv 1,6 PN16	–		
	7706	VL2TL DN15 Kv 2,5 PN16	–	–	
	7707	VL2TL DN15 Kv 4 PN16	–		
	7708	VL2TL DN20 Kv 6,3 PN16	–		
	7709	VL2TL DN25 Kv 10 PN16	–		
	7710	VL2TL DN32 Kv 16 PN16	–		
	7711	VL2TL DN40 Kv 25 PN16	–		
	7712	VL3TL DN15 Kv 0,25 PN16	–		
	7713	VL3TL DN15 Kv 0,4 PN16	–		
	7714	VL3TL DN15 Kv 0,63 PN16	–		
	7715	VL3TL DN15 Kv 1,0 PN16	–		
	7716	VL3TL DN15 Kv 1,6 PN16	–		
	7717	VL3TL DN15 Kv 2,5 PN16	–	–	
	7718	VL3TL DN15 Kv 4 PN16	–		
	7719	VL3TL DN20 Kv 6,3 PN16	–		
	7720	VL3TL DN25 Kv 10 PN16	–		
	7721	VL3TL DN32 Kv 16 PN16	–		
	7722	VL3TL DN40 Kv 25 PN16	–		
	7723	VL2FL DN15 Kv 0,25 PN16	–		
	7724	VL2FL DN15 Kv 0,4 PN16	–		
	7725	VL2FL DN15 Kv 0,63 PN16	–		
	7726	VL2FL DN15 Kv 1,0 PN16	–		
	7727	VL2FL DN15 Kv 1,6 PN16	–		
	7728	VL2FL DN15 Kv 2,5 PN16	–	–	
	7729	VL2FL DN15 Kv 4 PN16	–		
	7730	VL2FL DN20 Kv 6,3 PN16	–		
	7731	VL2FL DN25 Kv 10 PN16	–		
	7732	VL2FL DN32 Kv 16 PN16	–		
	7733	VL2FL DN40 Kv 25 PN16	–		
	7734	VL3FL DN15 Kv 0,25 PN16	–		
	7735	VL3FL DN15 Kv 0,4 PN16	–		
	7736	VL3FL DN15 Kv 0,63 PN16	–		
	7737	VL3FL DN15 Kv 1,0 PN16	–		
	7738	VL3FL DN15 Kv 1,6 PN16	–		
	7739	VL3FL DN15 Kv 2,5 PN16	–	–	
	7740	VL3FL DN15 Kv 4 PN16	–		
	7741	VL3FL DN20 Kv 6,3 PN16	–		
	7742	VL3FL DN25 Kv 10 PN16	–		
	7743	VL3FL DN32 Kv 16 PN16	–		
	7744	VL3FL DN40 Kv 25 PN16	–		

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	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	21050100	VLD122 DN15 Kv 0,25 PN16	–		
	21050200	VLD122 DN15 Kv 0,4 PN16	–		
	21050300	VLD122 DN15 Kv 0,63 PN16	–		
	21050400	VLD122 DN15 Kv 1 PN16	–		
	21050500	VLD122 DN15 Kv 1,6 PN16	–		
	21050600	VLD122 DN15 Kv 2,5 PN16	–	–	
	21050700	VLD122 DN15 Kv 4 PN16	–		
	21050800	VLD122 DN20 Kv 6,3 PN16	–		
	21050900	VLD122 DN25 Kv 10 PN16	–		
	21051000	VLD122 DN32 Kv 16 PN16	–		
	21051100	VLD122 DN40 Kv 25 PN16	–		
	21051200	VLD132 DN15 Kv 0,25 PN16	–		
	21051300	VLD132 DN15 Kv 0,4 PN16	–		
	21051400	VLD132 DN15 Kv 0,63 PN16	–		
	21051500	VLD132 DN15 Kv 1,0 PN16	–		
	21051600	VLD132 DN15 Kv 1,6 PN16	–		
	21051700	VLD132 DN15 Kv 2,5 PN16	–	–	
	21051800	VLD132 DN15 Kv 4 PN16	–		
	21051900	VLD132 DN20 Kv 6,3 PN16	–		
	21052000	VLD132 DN25 Kv 10 PN16	–		
	21052100	VLD132 DN32 Kv 16 PN16	–		
	21052200	VLD132 DN40 Kv 25 PN16	–		
	21100100	VLD125 DN15 Kv 0,25 PN16	–		
	21100200	VLD125 DN15 Kv 0,4 PN16	–		
	21100300	VLD125 DN15 Kv 0,63 PN16	–		
	21100400	VLD125 DN15 Kv 1,0 PN16	–		
	21100500	VLD125 DN15 Kv 1,6 PN16	–		
	21100600	VLD125 DN15 Kv 2,5 PN16	–	–	
	21100700	VLD125 DN15 Kv 4 PN16	–		
	21100800	VLD125 DN20 Kv 6,3 PN16	–		
	21100900	VLD125 DN25 Kv 10 PN16	–		
	21101000	VLD125 DN32 Kv 16 PN16	–		
	21101100	VLD125 DN40 Kv 25 PN16	–		
	21101200	VLD135 DN15 Kv 0,25 PN16	–		
	21101300	VLD135 DN15 Kv 0,4 PN16	–		
	21101400	VLD135 DN15 Kv 0,63 PN16	–		
	21101500	VLD135 DN15 Kv 1,0 PN16	–		
	21101600	VLD135 DN15 Kv 1,6 PN16	–		
	21101700	VLD135 DN15 Kv 2,5 PN16	–	–	
	21101800	VLD135 DN15 Kv 4 PN16	–		
	21101900	VLD135 DN20 Kv 6,3 PN16	–		
	21102000	VLD135 DN25 Kv 10 PN16	–		
	21102100	VLD135 DN32 Kv 16 PN16	–		
	21102200	VLD135 DN40 Kv 25 PN16	–		

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LINEAR VALVES, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	7301	VL2FDX DN15 Kv 0,25 PN25	–	–	
	7302	VL2FDX DN15 Kv 0,4 PN25	–		
	7303	VL2FDX DN15 Kv 0,63 PN25	–		
	7304	VL2FDX DN15 Kv 1 PN25	–		
	7305	VL2FDX DN15 Kv 1,6 PN25	–		
	7306	VL2FDX DN15 Kv 2,5 PN25	–		
	7307	VL2FDX DN15 Kv 4 PN25	–		
	7308	VL2FDX DN20 Kv 6,3 PN25	–		
	7309	VL2FDX DN25 Kv 10 PN25	–		
	7310	VL2FDX DN32 Kv 16 PN25	–		
	7311	VL2FDX DN40 Kv 25 PN25	–		
	7312	VL2FDX DN50 Kv 38 PN25	–		
	7321	VL2FDAX DN25 Kv 10 PN25	–	–	
	7322	VL2FDAX DN32 Kv 16 PN25	–		
	7323	VL2FDAX DN40 Kv 25 PN25	–		
	7324	VL2FDAX DN50 Kv 38 PN25	–		

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	21202100	VLB125 DN65 Kv 63 PN16	21220100	VLB325	
	21202200	VLB125 DN80 Kv 100 PN16	21220200		
	21202300	VLB125 DN100 Kv 160 PN16	21220300		
	21202400	VLB125 DN125 Kv 250 PN16	21220400		
	21202500	VLB125 DN150 Kv 340 PN16	21220500		
	21202600	VLB135 DN65 Kv 63 PN16	21221100	VLB335	
	21202700	VLB135 DN80 Kv 100 PN16	21221200		
	21202800	VLB135 DN100 Kv 160 PN16	21221300		
	21202900	VLB135 DN125 Kv 250 PN16	21221400		
	21203000	VLB135 DN150 Kv 340 PN16	21221500		
	21203100	VLB225 DN65 Kv 49 PN16	21220100	VLB325	
	21203200	VLB225 DN80 Kv 78 PN16	21220200		
	21203300	VLB225 DN100 Kv 124 PN16	21220300		
	21203400	VLB225 DN125 Kv 200 PN16	21220400		
	21203500	VLB225 DN150 Kv 300 PN16	21220500		
	21203600	VLB235 DN65 Kv 49 PN16	21221100	VLB335	
	21203700	VLB235 DN80 Kv 78 PN16	21221200		
	21203800	VLB235 DN100 Kv 124 PN16	21221300		
	21203900	VLB235 DN125 Kv 200 PN16	21221400		
	21204000	VLB235 DN150 Kv 300 PN16	21221500		

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LINEAR VALVES, DANFOSS

Danfoss Type VFS 2			ESBE series VLC125			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
065B1510	15	0,4	21300200	15	0,4	Stroke: Danfoss 15mm, ESBE 20mm	
065B1511	15	0,63	21300300	15	0,63		
065B1512	15	1,0	21300400	15	1,0		
065B1513	15	1,6	21300500	15	1,6		
065B1514	15	2,5	21300600	15	2,5		
065B1515	15	4,0	21300700	15	4,0		
065B1520	20	6,3	21300800	20	6,3		
065B1525	25	10	21300900	25	10		
065B1532	32	16	21301000	32	16		
065B1540	40	25	21301100	40	25		
065B1550	50	40	21301200	50	38		

Danfoss Type VB 2			ESBE series VLC225			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
065B2050	15	0,25				Stroke: Danfoss 5mm, ESBE 20mm. Danfoss 4mm longer	
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					
065B2058	25	10	21301300	25	10		
065B2059	32	16	21301400	32	16		
065B2060	40	25	21301500	40	25		
065B2061	50	40	21301600	50	38		

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LINEAR VALVES, DANFOSS

Danfoss Type VF 2			ESBE series VLB325				
Art. No.	DN	Kvs	Art. No.	DN	Kvs	Note	
065B3170	65	63	21220100	65	63		
065B3185	80	100	21220200	80	100	Stroke: Danfoss 30mm, ESBE 45mm	
065B3205	100	145	21220300	100	130	ESBE lower Kvs; Stroke: Danfoss 30mm, ESBE 45mm	

Danfoss Type VF 3			ESBE series VLA335/VLB335				
Art. No.	DN	Kvs	Art. No.	DN	Kvs	Note	
065B1611	15	0,63					
065B1612	15	1,0					
065B1613	15	1,6	21200900	15	1,6	Stroke: Danfoss 15mm, ESBE 20mm	
065B1614	15	2,5	21201000	15	2,5		
065B1615	15	4,0	21201100	15	4,0		
065B1620	20	6,3	21201200	20	6,3		
065B1625	25	10	21201300	25	10		
065B1632	32	16	21201400	32	16		
065B1640	40	25	21201500	40	25		
065B1650	50	40	21201600	50	38		
065B1665	65	63	21221100	65	63		
065B1680	80	100	21221200	80	100	Stroke: Danfoss 30mm, ESBE 45mm	
065B1685	100	145	21221300	100	130	ESBE lower Kvs; Stroke: Danfoss 30mm, ESBE 45mm	

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LINEAR VALVES, HONEYWELL

Honeywell Type V5025A			ESBE series VLC225			Note	
Art. No.	DN	Kvs	Art. 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					
V5025A1084	25	10	21301300	25	10		
V5025A1092	32	16	21301400	32	16		
V5025A1100	40	25	21301500	40	25		
V5025A1118	50	40	21301600	50	38		
V5025A1126	65	63					
V5025A1134	80	100					

Honeywell Type V5328A			ESBE series VLA325/VLB325			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
V5328A1013	15	1,6	21200100	15	1,6		
V5328A1021	15	2,5	21200200	15	2,5		
V5328A1039	15	4,0	21200300	15	4,0		
V5328A1054	20	6,3	21200400	20	6,3		
V5328A1062	25	10	21200500	25	10		
V5328A1070	32	16	21200600	32	16		
V5328A1088	40	25	21200700	40	25		
V5328A1096	50	40	21200800	50	38		
V5328A1104	65	63	21220100	65	63		
V5328A1112	80	100	21220200	80	100		
V5328A1201	100	160	21220300	100	130	Honeywell 70mm longer	
V5328A1219	125	250	21220400	125	200	Honeywell 60mm longer	
V5328A1227	150	360	21220500	150	300	Honeywell 30mm longer	

Honeywell Type V5329A			ESBE series VLA335/VLB335			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
V5329A1004	15	2,5	21201000	15	2,5	Honeywell: B-port +25mm	
V5329A1012	15	4,0	21201100	15	4,0		
V5329A1020	20	6,3	21201200	20	6,3	Honeywell: B-port +20mm	
V5329A1038	25	10	21201300	25	10		
V5329A1046	32	16	21201400	32	16	Honeywell: B-port +15mm	
V5329A1053	40	25	21201500	40	25		
V5329A1061	50	40	21201600	50	38	Honeywell: B-port +10mm	
V5329A1079	65	63	21221100	65	63		
V5329A1087	80	100	21221200	80	100		

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LINEAR VALVES, REGIN / OSBY

Regin / Osby Type GTVS			ESBE series VLA325/VLB325			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
GTVS25-10	25	10	21200500	25	10	ESBE 10mm longer	
GTVS32-16	32	16	21200600	32	16		
GTVS40-27	40	27	21200700	40	25		
GTVS50-39	50	39	21200800	50	38	ESBE 10mm longer	
GTVS65-63	65	63	21220100	65	63	ESBE 30mm longer	
GTVS80-100	80	100	21220200	80	100		
GTVS100-160	100	160	21220300	100	130	ESBE lower Kvs; ESBE 30mm longer	
GTVS125-215	125	215	21220400	125	200	ESBE 30mm longer	
GTVS150-310	150	310	21220500	150	300	ESBE 60mm longer	

Regin / Osby Type GTRS			ESBE series VLA335/VLB335			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
GTRS50-39	50	39	21201600	50	38	Check dimensions	
GTRS65-63	65	63	21221100	65	63		
GTRS80-100	80	100	21221200	80	100		
GTRS100-160	100	160	21221300	100	130	ESBE lower Kvs; Check dimensions	
GTRS125-215	125	215	21221400	125	200	Check dimensions	
GTRS150-310	150	310	21221500	150	300		

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LINEAR VALVES, SATCHWELL

Satchwell Type VSF			ESBE series VLA325				
Art. No.	DN	Kvs	Art. No.	DN	Kvs	Note	
VSF 2426	15	0,63	21200100	15	1,6	ESBE higher Kvs value	
VSF 2427	15	1,0	21200100	15	1,6		
VSF 2428	15	1,6	21200100	15	1,6		
VSF 2429	15	2,5	21200200	15	2,5		
VSF 2430	15	4,0	21200300	15	4,0		
VSF 1476	20	6,3	21200400	20	6,3		
VSF 1526	25	10	21200500	25	10		
VSF 1576	32	16	21200600	32	16		
VSF 1626	40	25	21200700	40	25		
VSF 1676	50	40	21200800	50	38		

Satchwell Type MJF			ESBE series VLA335				
Art. No.	DN	Kvs	Art. No.	DN	Kvs	Note	
MJF 3426	15	1,0	21200900	15	1,6		
MJF 3427	15	4,0	21201100	15	4,0		
MJF 3476	20	6,3	21201200	20	6,3		
MJF 3526	25	10	21201300	25	10		
MJF 3576	32	16	21201400	32	16		
MJF 3626	40	25	21201500	40	25		
MJF 3676	50	40	21201600	50	38		

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LINEAR VALVES, SAUTER

Sauter Type V6G			ESBE series VLC125			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
V6G 15 F364	15	0,25	21300100	15	0,25	Stroke: Sauter 14mm, ESBE 20mm	
V6G 15 F354	15	0,4	21300200	15	0,4	Stroke: Sauter 14mm, ESBE 20mm	
V6G 15 F344	15	0,63	21300300	15	0,63	Stroke: Sauter 14mm, ESBE 20mm	
V6G 15 F334	15	1,0	21300400	15	1,0	Stroke: Sauter 14mm, ESBE 20mm	
V6G 15 F324	15	1,6	21300500	15	1,6	Stroke: Sauter 14mm, ESBE 20mm	
V6G 15 F314	15	2,5	21300600	15	2,5	Stroke: Sauter 14mm, ESBE 20mm	
V6G 15 F304	15	4,0	21300700	15	4,0	Stroke: Sauter 14mm, ESBE 20mm	
V6G 20 F304	20	6,3	21300800	20	6,3	Stroke: Sauter 14mm, ESBE 20mm	
V6G 25 F924	25	4,0	21301900	25	4,0	Stroke: Sauter 14mm, ESBE 20mm	
V6G 25 F914	25	6,3	21302000	25	6,3	Stroke: Sauter 14mm, ESBE 20mm	
V6G 25 F304	25	10	21300900	25	10	Stroke: Sauter 14mm, ESBE 20mm	
V6G 32 F304	32	16	21301000	32	16	Stroke: Sauter 14mm, ESBE 20mm	
V6G 40 F304	40	25	21301100	40	25	Stroke: Sauter 14mm, ESBE 20mm	
V6G 50 F304	50	40	21301200	50	38	Stroke: Sauter 14mm, ESBE 20mm	

Sauter Type V6F			ESBE series VLA325/VLB325			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
V6F 15 F324	15	1,6	21200100	15	1,6	Stroke: Sauter 14mm, ESBE 20mm	
V6F 15 F314	15	2,5	21200200	15	2,5		
V6F 15 F304	15	4,0	21200300	15	4,0		
V6F 20 F304	20	6,3	21200400	20	6,3		
V6F 25 F924	25	4,0	21200500	25	10	ESBE higher Kvs value; Stroke: Sauter 14mm, ESBE 20mm	
V6F 25 F914	25	6,3	21200500	25	10		
V6F 25 F304	25	10	21200500	25	10	Stroke: Sauter 14mm, ESBE 20mm	
V6F 32 F304	32	16	21200600	32	16		
V6F 40 F304	40	25	21200700	40	25		
V6F 50 F924	50	16	21200800	50	38	ESBE higher Kvs value; Stroke: Sauter 14mm, ESBE 20mm	
V6F 50 F914	50	25	21200800	50	38		
V6F 50 F304	50	40	21200800	50	38	Stroke: Sauter 14mm, ESBE 20mm	
V6F 65 F304	65	63	21220100	65	63		
V6F 80 F924	80	40	21220200	80	100	ESBE higher Kvs value	
V6F 80 F914	80	63	21220200	80	100		
V6F 80 F304	80	100	21220200	80	100		
V6F 100 F304	100	160	21220300	100	130	ESBE lower Kvs	
V6F 125 F304	125	250	21220400	125	200		
V6F 150 F304	150	340	21220500	150	300		

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Sauter Type B6F			ESBE series VLA335/VLB335			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
B6F 15 F324	15	1,6	21200900	15	1,6	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.	
B6F 15 F314	15	2,5	21201100	15	4,0		
B6F 15 F304	15	4,0	21201200	20	6,3	ESBE higher Kvs value, Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dimension	
B6F 20 F304	20	6,3	21201200	20	6,3	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.	
B6F 25 F924	25	4,0	21201300	25	10	ESBE higher Kvs value, Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dimension	
B6F 25 F914	25	6,3	21201300	25	10		
B6F 25 F304	25	10	21201300	25	10	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.	
B6F 32 F304	32	16	21201400	32	16		
B6F 40 F304	40	25	21201500	40	25		
B6F 50 F924	50	16	21201600	50	38	ESBE higher Kvs value, Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dimension	
B6F 50 F914	50	25	21201600	50	38		
B6F 50 F304	50	40	21201600	50	38	Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port divergent dim.	
B6F 65 F304	65	63	21221100	65	63	ESBE lower Kvs; Sauter: B-port divergent dimension	
B6F 80 F924	80	40	21221200	80	100	ESBE higher Kvs value,Sauter: B-port divergent dimension	
B6F 80 F914	80	63	21221200	80	100		
B6F 80 F304	80	100	21221200	80	100	Sauter: B-port divergent dimension	
B6F 100 F304	100	160	21221300	100	130	ESBE lower Kvs; Sauter: B-port divergent dimension	
B6F 125 F304	125	250	21221400	125	200	ESBE lower Kvs	
B6F 150 F304	150	340	21221500	150	300		

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LINEAR VALVES, SAUTER

Sauter Type VXE			ESBE series VLA325/VLB325			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
VXE 015 F320	15	1,6	21200100	15	1,6	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm	
VXE 015 F310	15	2,5	21200200	15	2,5		
VXE 015 F300	15	4,0	21200300	15	4,0		
VXE 025 F310	25	6,3	21200500	25	10	ESBE PN16, higher Kvs value Stroke: Sauter 14mm, ESBE 20mm	
VXE 025 F300	25	10	21200500	25	10	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm	
VXE 032 F300	32	16	21200600	32	16		
VXE 040 F300	40	25	21200700	40	25		
VXE 050 F300	50	40	21200800	50	38		
VXE 065 F300	65	63	21220100	65	63	ESBE PN16	
VXE 080 F300	80	100	21220200	80	100		
VXE 100 F300	100	160	21220300	100	130	ESBE PN16, lower Kvs	

Sauter Type BXE			ESBE series VLA335/VLB335			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
BXE 015 F320	15	1,6	21200900	15	1,6	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port +5mm	
BXE 015 F310	15	2,5	21201000	15	2,5		
BXE 015 F300	15	4,0	21201100	15	4,0		
BXE 025 F310	25	6,3	21201300	25	10	ESBE PN16; ESBE higher Kvs value; Stroke: Sauter 14mm, ESBE 20mm	
BXE 025 F300	25	10	21201300	25	10	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm	
BXE 032 F300	32	16	21201400	32	16	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm; Sauter: B-port +5mm	
BXE 040 F300	40	25	21201500	40	25	ESBE PN16; Stroke: Sauter 14mm, ESBE 20mm	
BXE 050 F300	50	40	21201600	50	38		
BXE 065 F300	65	63	21221100	65	63	ESBE PN16	
BXE 080 F300	80	100	21221200	80	100		
BXE 100 F300	100	160	21221300	100	130	ESBE PN16, lower Kvs	

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LINEAR VALVES, SIEMENS

Siemens Type VVF 52			ESBE series VLC125			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
VVF52.15-0.25	15	0,25	21300100	15	0,25		
VVF52.15-0.4	15	0,4	21300200	15	0,4		
VVF52.15-0.63	15	0,63	21300300	15	0,63		
VVF52.15-1	15	1,0	21300400	15	1,0		
VVF52.15-1.6	15	1,6	21300500	15	1,6		
VVF52.15-2.5	15	2,5	21300600	15	2,5		
VVF52.15-4	15	4,0	21300700	15	4,0		
VVF52.25-6.3	25	6,3	21302000	25	6,3		
VVF52.25-10	25	10	21300900	25	10		
VVF52.40-12.5	40	12,5	21302500	40	10		
VVF52.40-16	40	16	21302600	40	16		
VVF52.40-25	40	25	21301100	40	25		

Siemens Type VVF 45			ESBE series VLA325/VLB325			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
VVF45.49	50/40	19	21200800	50	38	ESBE higher Kvs value	
VVF45.50	50	31	21200800	50	38		
VVF45.65	65	49	21220100	65	63		
VVF45.80	80	78	21220200	80	100	ESBE higher Kvs value	
VVF45.90	100	124	21220300	100	130		
VVF45.91	125	200	21220400	125	200		
VVF45.92	150	300	21220500	150	300		

Siemens Type VVF41			ESBE series VLA325/VLB325			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
VVF41.50	50	31	21200800	50	38		
VVF41.65	65	49	21220100	65	63	ESBE higher Kvs value	
VVF41.80	80	78	21220200	80	100		
VVF41.90	100	124	21220300	100	130		
VVF41.91	125	200	21220400	125	200		
VVF41.92	150	300	21220500	150	300		

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LINEAR VALVES, SIEMENS

Siemens Type VXF 41			ESBE series VLA335/VLB335			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
VXF41.14	15/10	1,9	21201000	15	2,5	Siemens: B-port divergent dimension	
VXF41.15	15	3,0	21201100	15	4,0		
VXF41.24	25/20	5,0	2120 300	25	10	ESBE higher Kvs value,Siemens: B-port divergent dim.	
VXF41.25	25	7,5	21201300	25	10	Siemens: B-port divergent dimension	
VXF41.39	40/32	12	21201500	40	25	ESBE higher Kvs value,Siemens: B-port divergent dim.	
VXF41.40	40	19	21201500	40	25		
VXF41.49	50/40	19	21201500	40	25	Siemens: B-port divergent dimension	
VXF41.50	50	31	21201600	50	38		
VXF41.65	65	49	21221100	65	63	ESBE higher Kvs value, Siemens: B-port divergent dim.	
VXF41.80	80	78	21221200	80	100		
VXF41.90	100	124	21221300	100	130		
VXF41.91	125	200	21221400	125	200	Siemens: B-port divergent dimension	
VXF41.92	150	300	21221500	150	300		

Siemens Type VXF 40			ESBE series VLA335/VLB335			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
VXF40.15-1.9	15/10	1,9	21201000	15	2,5		
VXF40.15-3	15	3,0	21201100	15	4,0		
VXF40.25-5	25/20	5,0	21201300	25	10	ESBE higher Kvs value	
VXF40.25-7.5	25	7,5	21201300	25	10		
VXF40.40-12	40/32	12	21201500	40	25	ESBE higher Kvs value	
VXF40.40-19	40	19	21201500	40	25		
VXF40.50-31	50	31	21201600	50	38		
VXF40.65-49	65	49	21221100	65	63	ESBE higher Kvs value	
VXF40.80-78	80	78	21221200	80	100		
VXF40.100-124	100	124	21221300	100	130		
VXF40.125-200	125	200	21221400	125	200	Siemens: B-port divergent dimension	
VXF40.150-300	150	300	21221500	150	300		

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Siemens Type VVG 41			ESBE series VLE122			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
VVG41.11	15/2,5	0,63	21250300	15	0,63		
VVG41.12	15/4	1,0	21250400	15	1,0		
VVG41.13	15/6	1,6	21250500	15	1,6		
VVG41.14	15/10	2,5	21250600	15	2,5		
VVG41.15	15	4,0	21250700	15	4,0		
VVG41.20	20	6,3	21250800	20	6,3		
VVG41.25	25	10	21250900	25	10		
VVG41.32	32	16	21251000	32	16		
VVG41.40	40	25	21251100	40	25		
VVG41.50	50	40	21251200	50	38		

Siemens Type VXG 41			ESBE series VLE132			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
VXG41.1301	15/6	1,6	21251300	15	1,6		
VXG41.1401	15/10	2,5	21251400	15	2,5		
VXG41.15	15	4,0	21251500	15	4,0		
VXG41.20	20	6,3	21251600	20	6,3		
VXG41.25	25	10	21251700	25	10		
VXG41.32	32	16	21251800	32	16		
VXG41.40	40	25	21251900	40	25		
VXG41.50	50	40	21252000	50	38		

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LINEAR VALVES, SIEMENS

Siemens Type VVF 31			ESBE series VLA325/VLB325				
Art. No.	DN	Kvs	Art. No.	DN	Kvs	Note	
VVF31.24	25/20	5,0	21200500	25	10	ESBE higher Kvs value	
VVF31.25	25	7,5	21200500	25	10		
VVF31.39	40/32	12	21200700	40	25	ESBE higher Kvs value	
VVF31.40	40	19	21200700	40	25		
VVF31.50	50	31	21200800	50	38		
VVF31.65	65	49	21220100	65	63		
VVF31.80	80	78	21220200	80	100	ESBE higher Kvs value	
VVF31.90	100	124	21220300	100	130		
VVF31.91	125	200	21220400	125	200		
VVF31.92	150	300	21220500	150	300		

Siemens Type VXF 31			ESBE series VLA335/VLB335				
Art. No.	DN	Kvs	Art. No.	DN	Kvs	Note	
VXF31.24	25/20	5,0	21201300	25	10	ESBE higher Kvs value	
VXF31.25	25	7,5	21201300	25	10		
VXF31.39	40/32	12	21201500	40	25	ESBE higher Kvs value	
VXF31.40	40	19	21201500	40	25		
VXF31.50	50	31	21201600	50	38		
VXF31.65	65	49	21221100	65	63		
VXF31.80	80	78	21221200	80	100	ESBE higher Kvs value	
VXF31.90	100	124	21221300	100	130		
VXF31.91	125	200	21221400	125	200	Siemens: B-port divergent dimension	
VXF31.92	150	300	21221500	150	300		

OPTION

Adaptor kit, ESBE control valves series VLA325/VLB325 and Siemens SQX_____ Art. No. 26000700

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LINEAR VALVES, TAC / SCHNEIDER ELECTRIC

	TAC Type STL			ESBE series VLE325				
	Art. No.	DN	Kvs	Art. No.	DN	Kvs	Note	
	STL 20-0,5	20	0,5	21400100	20	0,63		
	STL 20-0,8	20	0,8	21400200	20	1,0		
	STL 20-1,25	20	1,25	21400300	20	1,6		
	STL 20-2,3	20	2,3	21400400	20	2,5		
	STL 25-3,7	25	3,7	21400900	25	4,0		

	TAC Type STL-SR			ESBE series VLE325				
	Art. No.	DN	Kvs	Art. No.	DN	Kvs	Note	
	721-1426-000	25	2,5	21400800	25	2,5		
				21400700	25	1,6		
				21400600	25	1		
	721-1428-000	25	4,0	21400900	25	4,0		
				21400800	25	2,5		
				21400700	25	1,6		
				21400600	25	1		
	721-1430-000	32	6,3	21401600	32	6,3		
				21401200	32	4,0		
				21401100	32	2,5		
				21401000	32	1,6		
	721-1434-000	40	10	21401700	40	6,3		
				21401500	40	4,0		
				21401400	40	2,5		
				21401300	40	1,6		

TAC Type V231			ESBE series VLC125			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
721-3106-000	15	0,25	21300100	15	0,25		
721-3110-000	15	0,4	21300200	15	0,4		
721-3114-000	15	0,63	21300300	15	0,63		
721-3118-000	15	1,0	21300400	15	1,0		
721-3122-000	15	1,6	21300500	15	1,6		
721-3126-000	15	2,5	21300600	15	2,5		
721-3130-000	15	4,0	21300700	15	4,0		
721-3134-000	20	6,3	21300800	20	6,3		
721-3138-000	25	10	21300900	25	10		
721-3142-000	32	16	21301000	32	16		
721-3146-000	40	25	21301100	40	25		
721-3150-000	50	38	21301200	50	38		

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LINEAR VALVES, TAC / SCHNEIDER ELECTRIC

TAC Type V232			ESBE series VLC225			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
721-3238-000	25	10	21301300	25	10		
721-3242-000	32	16	21301400	32	16		
721-3246-000	40	25	21301500	40	25		
721-3250-000	50	38	21301600	50	38		

TAC Type V211			ESBE series VLA325			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
721-1116-000	15	1,6	21200100	15	1,6		
721-1120-000	15	2,5	21200200	15	2,5		
721-1124-000	15	4,0	21200300	15	4,0		
721-1128-000	20	6,3	21200400	20	6,3		
721-1132-000	25	10	21200500	25	10		
721-1136-000	32	16	21200600	32	16		
721-1140-000	40	25	21200700	40	25		
721-1144-000	50	38	21200800	50	38		

TAC Type V311			ESBE series VLA335			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
731-1117-000	15	1,6	21200900	15	1,6		
731-1121-000	15	2,5	21201000	15	2,5		
731-1125-000	15	4,0	21201100	15	4,0		
731-1129-000	20	6,3	21201200	20	6,3		
731-1133-000	25	10	21201300	25	10		
731-1137-000	32	16	21201400	32	16		
731-1141-000	40	25	21201500	40	25		
731-1145-000	50	38	21201600	50	38		

TAC Type V211T			ESBE series VLA121			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
721-1716-000	15	1,6	21150100	15	1,6		
721-1720-000	15	2,5	21150200	15	2,5		
721-1724-000	15	4,0	21150300	15	4,0		
721-1728-000	20	6,3	21150400	20	6,3		
721-1732-000	25	10	21150500	25	10		
721-1736-000	32	16	21150600	32	16		
721-1740-000	40	25	21150700	40	25		
721-1744-000	50	38	21150800	50	38		

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TAC Type V311T			ESBE series VLA131			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
731-1717-000	15	1,6	21150900	15	1,6		
731-1721-000	15	2,5	21151000	15	2,5		
731-1725-000	15	4,0	21151100	15	4,0		
731-1729-000	20	6,3	21151200	20	6,3		
731-1733-000	25	10	21151300	25	10		
731-1737-000	32	16	21151400	32	16		
731-1741-000	40	25	21151500	40	25		
731-1745-000	50	38	21151600	50	38		

TAC Type V241			ESBE series VLE122			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
721-4106-000	15	0,25	21250100	15	0,25		
721-4110-000	15	0,4	21250200	15	0,4		
721-4114-000	15	0,63	21250300	15	0,63		
721-4118-000	15	1,0	21250400	15	1,0		
721-4122-000	15	1,6	21250500	15	1,6		
721-4126-000	15	2,5	21250600	15	2,5		
721-4130-000	15	4,0	21250700	15	4,0		
721-4134-000	20	6,3	21250800	20	6,3		
721-4138-000	25	10	21250900	25	10		
721-4142-000	32	16	21251000	32	16		
721-4146-000	40	25	21251100	40	25		
721-4150-000	50	38	21251200	50	38		

TAC Type V341			ESBE series VLE132			Note	
Art. No.	DN	Kvs	Art. No.	DN	Kvs		
731-4121-000	15	1,6	21251300	15	1,6		
731-4125-000	15	2,5	21251400	15	2,5		
731-4129-000	15	4,0	21251500	15	4,0		
731-4133-000	20	6,3	21251600	20	6,3		
731-4137-000	25	10	21251700	25	10		
731-4141-000	32	16	21251800	32	16		
731-4145-000	40	25	21251900	40	25		
731-4149-000	50	38	21252000	50	38		

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LINEAR ACTUATORS, ESBE TO ESBE

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	7201	S200 24V	22201200	ALF264	
	7202	S200 230V	22200200	ALF261	
	7203	S200P 24V	22201200	ALF264	
	7205	S200 24V	22201100	ALF134	
	7206	S200 230V	22200100	ALF131	
	7207	S200P 24V	22201100	ALF134	
	7210	S210	22201100	ALF264	
	7211	S210+STS	–	–	
	7901	S220 24V 66S 300 3-P 5,5mm	–	–	
	7902	S220 230V 66S 300 3-P 5,5mm	–	–	
	7903	S220 24V 13S 300 5,5mm	–	–	
	7918	S220 230V 33S 300 3-P 5,5mm	–	–	
	7904	S230 230V 900 3-P 20mm	22200200	ALF261	
	7905	S230 24V 900 3-P 0-10V 20mm	22201200	ALF264	
	7906	S230 230V 900 3-P SR 20mm	–	–	
	7907	S230 24V 900 3-P 0-10V SR 20mm	22220100**	ALH134	
	7908	S230 230V 1200 3-P 20mm	22200300	ALF361	
	7909	S230 24V 1200 3-P 0-10V 20mm	22201300	ALF364	
	7910	S230 230V 900 3-P 40mm	22200200	ALF261	
	7911	S230 24V 900 3-P 0-10V 40mm	22201200	ALF264	
	7912	S230 230V 1200 3-P 40mm	22200300	ALF361	
	7913	S230 24V 1200 3-P 0-10 40mm	22201300	ALF364	
	7914	S230 230V 2000 3-P 40mm	22200400	ALF461	
	7915	S230 24V 2000 3-P 0-10V 40mm	22201400	ALF464	
	7916	S230 230V 2200 3-P SR 40mm	–	–	
	7917	S230 24V 2200 3-P 0-10 SR 40mm	–	–	

** Series ALH100 is not released yet - it will be available during 2017.

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	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	22000200	ALA221 3-Point 230V 750N 140s	22200200	ALF261	
	22000800	ALA221 3-Point 230V 400N 35s	22200100	ALF131	
	22000100	ALA222 3-Point 24V 750N 140s	22201200	ALF264	
	22000700	ALA222 3-Point 24V 400N 35s	22201100	ALF134	
	22000300	ALA223 Prop. 24V 750N 140s	22201200	ALF264	
	22000900	ALA223 Prop. 24V 400N 35s	22201100	ALF134	
	22050100	ALB144 Prop./3-Point 24V 800N 15s	22201200	ALF264	
	22100100	ALC152 3-Point 24V 300N-P 66s	–	–	
	22100200	ALC151 3-Point 230V 300N 66s	–	–	
	22100300	ALC153 Prop. 24V 300N 13s	–	–	
	22100400	ALC151 3-Point 230V 300N 33s	–	–	
	22150100	ALD121 3-Point 230V 900N 150s	22200200	ALF261	
	22150500	ALD121 3-Point 230V 1200N 150s	22200300	ALF361	
	22150700	ALD141 3-Point 230V 900N 300s	22200200	ALF261	
	22150900	ALD141 3-Point 230V 1200N 300s	22200300	ALF361	
	22151100	ALD141 3-Point 230V 2000N 190s	22200400	ALF461	
	22150200	ALD124 Prop./3-Point 24V 900N 150s	22201200	ALF264	
	22150600	ALD124 Prop./3-Point 24V 1200N 150s	22201300	ALF364	
	22150800	ALD144 Prop./3-Point 24V 900N 300s	22201200	ALF264	
	22151000	ALD144 Prop./3-Point 24V 1200N 300s	22201300	ALF364	
	22151200	ALD144 Prop./3-Point 24V 2000N 190s	22201400	ALF464	
	22151300	ALD241 SR 3-Point 230V 2200N 140s	–	–	
	22151400	ALD244 SR Prop./3-Point 24V 2200N 140s	–	–	
	22150300	ALD221 SR 3-Point 230V 900N 70s	–	–	
	22150400	ALD224 SR Prop./3-Point 24V 900N 70s	22220100**	ALH134	

** Series ALH100 is not released yet - it will be available during 2017.

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COMPLEMENTARY PRODUCTS

	ESBE discontiued series		ESBE today series		
	Art. No.	Type	Art. No.	Type	
	36000200	VSA132 DN15 0,6 MPa	36020100	VSB132	
	36000500	VSA132 DN15 0,7 MPa	36020200		
	36000300	VSA132 DN15 0,8 MPa	36020300		
	36000100	VSA132 DN15 0,9 MPa	36020400		
	36000400	VSA132 DN15 1,0 MPa	36020500		

The purpose of the replacement guide is to assist you in finding the best replacement for an existing product. It is up to the user of this guide to make the final judgement of which product to choose and check that the application specific requirements are fulfilled. Note also that product installation dimensions might be different.

When product is delivered within an OEM product (boiler, heat pump etc) the product art. number might differs from ESBE standard number. Please ask your ESBE contact for further assistance.

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YOUR OWN NOTES

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MADE IN SWEDEN
WITH THE WORLD IN MIND

Five sales companies and partners in over 30 countries gives ESBE a large market presence throughout Europe. The base is still in Reftele in the county of Småland, the tiny village in southern Sweden where it all began. The Swedish plant with head office, R&D department and factory is state-of-the-art and products are distributed all over Europe.

To meet the demands on high delivery reliability – and because our product portfolio is constantly growing in size as well as brand awareness – our products are delivered to central and southern Europe via ESBE's distribution centre in Munich.

Find country specific contacts info >> esbe.eu

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