

Type
E * V

2
3
4
5
6
7

Size
**

E2V	E3V	E4V	E5V	E6V	E7V
01	30	65	A2	A8	B4
03	35	85	A5	B2	C1
05	45	95			
09	55				
11	65				
14					
18					
24					
30					
35					

Family
*

B, F: Hermetic
S, Z: Demountable
C: High pressure
H, K: High temperature
R: RPRV (only E5V)

Type of connection
*

S: To be welded, metric
W: To be welded, imperial
C: Stainless steel for HP applications

Size of connection
*

Option
*

Package
*

0: Single
1: Multiple

Type of connection	Inlet/Outlet	E2V-F/K	E2V-Z/H	E2V-C	E3V-H/S	E3V-C	E3V-B	E4V-B/H	E4V-F	E5V	E6V	E7V
S (mm)	8x8 (5/16")	A										
	10x10	B		0								
	12x12	F	F	F								
	13x13			1								
	16x16 (5/8")	M	M				M					
	18x22				R							
	22x22						R					
	22x28				S							
	28x28								S	S		
	28x35							T				
	35x35 (1.3/8")								T			
	35x35									T	T	
42x42											V	
54x54												Z
W (inches)	3/8x3/8	A		A								
	1/2x1/2	F	F									
	3/8x1/2	B										
	3/4x7/8				R							
	7/8x1/8				S							
	7/8x7/8					R	R					
	5/8x5/8					M						
	1.1/8x1.1/8								S			
1.1/8x1.3/8								T				
1.1/8x1.5/8										V	V	
C (mm)	10x12		B									

Type	E2V					E3V			E4V	E5V/ E6V/E7V
Family	Z	ZC	C	F/K	H	S/H	C	B	-	-
Option (*)	0	Bip, W SG		Bip		Bip, W SG	Bip		W SG	W SG
	1	Bip, W/O SG				Bip, W/O SG		Bip	W/O SG	W/O SG
	2					Uni, W SG, CL 1m				
	3					Uni, W/O SG, CL 1m		Uni, W/O SG, CL 1m		
	4					Uni, W SG, CL 2m				W SG, W gas. HNBR
	5					Uni, W/O SG, CL 2m		Uni, W/O SG, CL 2m		
	6	Uni, W SG, CL 0,3m				Uni, W SG, CL 0,3m				
	7	Uni, W/O SG, CL 0,3m				Uni, W/O SG, CL 0,3m		Uni, W/O SG, CL 0,3m		
	A	W/O S, W SG				W/O S, W SG			W/O S, W SG	
	B	W/O S, W/O SG							W/O S, W/O SG	
	C		W/O S, W/O SG	W/O S	W/O S	W/O S	W/O S, W/O SG		W/O S	

Note: - W/O = without; W = with; S= stator; SG = sight glass; Uni. = unipolar; Bip. = bipolar; CL = cable length; gas. = gasket
 - not all the combinations are available
 - for E4V/E5V/E6V/E7V only the bipolar stator is available

Images herein attached are exemplifying and do not represent the whole Carel's portfolio

E2VSTA031* - E2VSTA032* - E2VSTA037*



E2VSTAS23*



E2VSTA020*



E2VSTAX3*

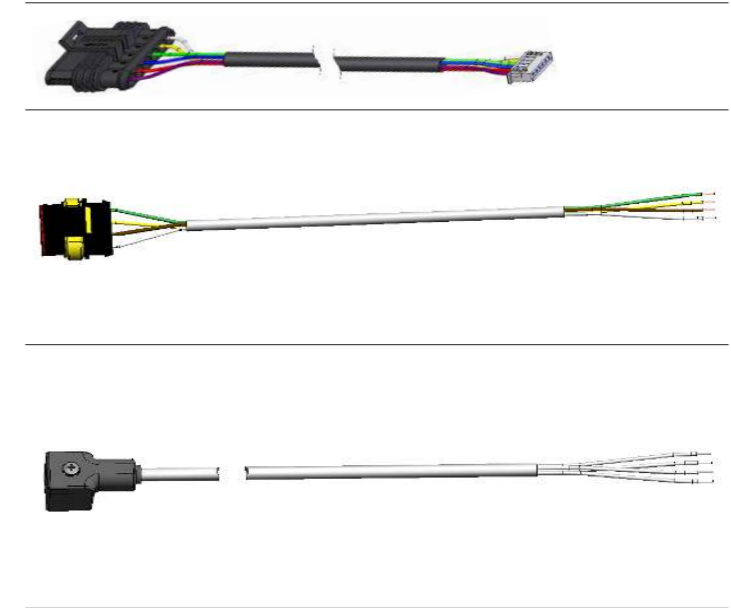


STATOR									
ExV Family	Code	Unipolar	Bipolar	Stator IP	Cable	Length [m]	Terminal		
E2V	E2VSTA037*	✓		67	YES	0.7	JST		
	E2VSTA031*	✓		67	YES	1	JST		
	E2VSTA032*	✓		67	YES	2	JST		
	E2VSTAS31*	✓		69K	YES	1	JST		
	E2VSTAS32*	✓		69K	YES	2	JST		
	E2VSTAS22*			✓	69K	YES	2	Free	
	E2VSTAX31*	✓	Ex		67	YES	1	JST	
	E2VSTAX32*	✓	Ex		67	YES	2	JST	
	E2VSTAX3T*	✓	Ex		67	YES	3	JST	
	E2VSTAX21*			✓	Ex	67	YES	1	-
	E2VSTAX2T*			✓	Ex	67	YES	3	-
	E2VSTA033*	✓			67	YES	0.3	Superseal	
	E2VSTAS33*	✓			69K	YES	0.3	Superseal	
	E2VSTAS23*			✓	69K	YES	0.3	Superseal	
	E2VSTA020*			✓	67	NO	-	-	
	E3V	E3VSTA031*	✓		67	YES	1	JST	
		E3VSTA032*	✓		67	YES	2	JST	
		E3VSTA033*	✓		67	YES	0.3	Superseal	
		E3VSTA035*	✓		67	YES	0.5	Superseal	
	E3VSTA020*			✓	67	NO	-	-	
E4V&E7V	E4VE7VSTA*		✓	67	NO	-	-		
E5V&E6V	E5VE6VSTA*		✓	67	NO	-	-		

Note: Last digit = 0 : single pack; Last digit = 1 : multiple pack; E2VSTAX: ATEX stator

CABLES							
Code	Unipolar	Bipolar	Shield	Length [m]	Stator	Driver	
E2VCABS3U0	✓		YES	3	Superseal	JST	
E2VCABS6U0	✓		YES	6	Superseal	JST	
E2VCABS9U0	✓		YES	9	Superseal	JST	
E2VCAB0310		✓	NO	3	Superseal	Free	
E2VCAB0610		✓	NO	6	Superseal	Free	
E2VCAB0910		✓	NO	9	Superseal	Free	
E2VCABS310		✓	YES	3	Superseal	Free	
E2VCABS610		✓	YES	6	Superseal	Free	
E2VCABS910		✓	YES	9	Superseal	Free	
E2VCAB0300		✓	NO	3	Direct	Free	
E2VCAB0600		✓	NO	6	Direct	Free	
E2VCAB0900		✓	NO	9	Direct	Free	
E2VCABS300		✓	YES	3	Direct	Free	
E2VCABS600		✓	YES	6	Direct	Free	
E2VCABS900		✓	YES	9	Direct	Free	
E2VCABSA50		✓	YES	15	Direct	Free	

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For further details see products technical leaflets available on our website or contact us at carel@carel.com

ExV - VALVES COMPONENTS DESCRIPTION

Accessory	Description
E2VFIL0000	AISI 304 wired mesh 500 um filter 3/8" (10 pcs)
E2VFIL0100	AISI 304 wired mesh 500 um filter 12 mm (10 pcs)
E2VFIL0200	AISI 304 wired mesh 500 um filter 16 mm (10 pcs)
E2VFIL0300	AISI 304 wired mesh 500 um filter 3/8" (10 pcs)
E2VFIL0400	AISI 304 wired mesh 150 um filter (10 pcs)
E3VFIL0000	AISI 304 wired mesh 500 um filter for E3V (10 pcs)
E3VFIL0100	AISI 304 wired mesh 200 um filter for E3V-C (1 pc)
E3VFIL0200	AISI 304 wired mesh 200 um filter 22 mm or 7/8" for E3V-B (10 pcs)
E2VORI0100	O-Ring 8.73X1.78 mm (neoprene), O-Ring 11.1X1.78 mm (neoprene) and teflon gasket (10 pcs)

Accessory	Description
E2VORI0300SP	O-Ring 23.52X1.78 (EPDM) and O-Ring 8.50X1.78 (EPDM) (10pcs)
E3VORI0300	O-Ring 2.62X20.29 mm (EPDM) (1 pc)
E3VORI0600	O-Ring 11.1X1.78 mm (neoprene) and teflon gasket (1 pc)
E4VORI0000	O-Ring 1.78X20.35 mm (neoprene) and O-Ring 28.25X2.62 mm (neoprene) (10 pcs)
E5VORI0100	O-Ring 1.78X20.35 mm (neoprene) and O-Ring 2X20 mm (neoprene) (1 pc)
E7VORI0000	O-Ring 1.78X20.35 mm (neoprene) and O-Ring 34.59X2.62 mm (neoprene) (10 pcs)
E2VSGH0000	Sightglass for E2V and E3V
E4VSGH0000	Sightglass for E4V E5V E6V and E7V

Accessory	Description
E4VSGH0010	Sightglass for E4V E5V E6V and E7V with hum. indicator
E2VATT**C*	E2V-ZC spare actuator (**: valve size)
E2VATT**H0	E2V-H spare actuator (**: valve size)
E3VATT**H0	E3V-H spare actuator (**: valve size)
E3VATT**C0	E3V-C spare actuator (**: valve size)
E3VATT**S0	E3V-S spare actuator (**: valve size)
E2VATT**Z*	E2V-Z spare actuator (**: valve size, last digit: 0 = 1 pc; 1 = 10 pcs)
E4VATT**B0	E4V-B spare actuator (**: valve size)
E4VATT**H0	E4V-H spare actuator (**: valve size)
E5VATT**0	E5V spare actuator (***: valve size)

Accessory	Description
E6VATT****	E6V spare actuator (***: valve size, last digit: 0 = 1 pc; 1 = 5 pcs)
E7VATT****	E7V spare actuator (***: valve size, last digit: 0=1 pc; 1=5 pcs)
E2VNUT0200	Fastening nut for E2V and E3V (20 pcs)
E2VNUT0300	Fastening nut for E2V and E3V (100 pcs)
E4VNUT0000	Fastening nut for E4V, E5V, E6V and E7V (20 pcs)
E4VNUT0100	Fastening nut for E4V, E5V, E6V and E7V (100 pcs)
E2VMAG0000	Manual actuator for E2V
E3VMAG0000	Manual actuator for E3V, E5V and E6V
E4VMAG0000	Manual actuator for E4V and E7V
EEVMAG0000	Manual actuators for E2V, E3V, E4V, E5V, E6V and E7V

Legend: Filter (orange), O-Ring (yellow), Sight glass (including O-Ring) (red), Actuator (Includes filter (only for E2V and E3V) and O-Ring) (green), Nut (blue), Magnet (grey)

