

Automatic booster set with variable speed for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Adjustable working pressure.

Materials

Multi:

Pump body and impellers in AISI 304.
Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Manifolds: AISI 304.

Valves and fittings: Brass.

Equipment included

Pump.
Speedrive V2.
Discharge manifold.
Control panel.
Valves.
Fittings.
Check valves.
Pressure tank (20l).
Pressure transducer.
Metallic base.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Continuous operation.

Limitations

Maximum water temperature 40 °C.

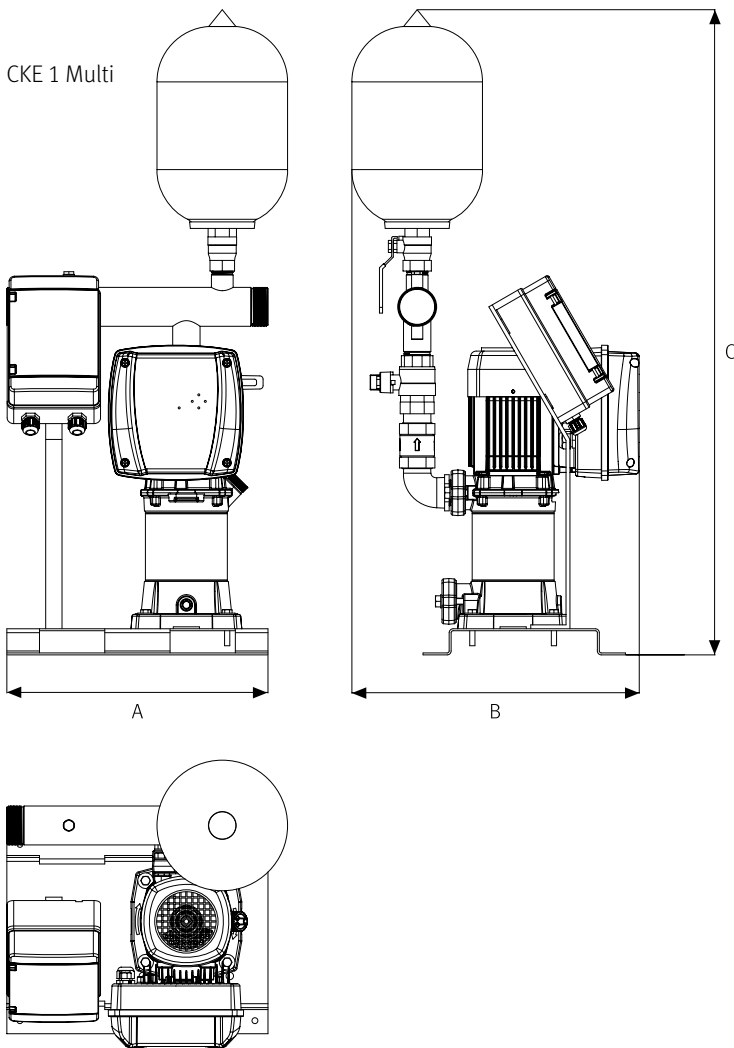
Functions and protections

Dry-run protection with automatic reset function.
Detection of pressure transducer failure.
Overcurrent and short-circuit with automatic reset.
Power supply voltage with automatic reset.
Internal overtemperature with automatic reset.
Earthing and motor phase error.
Communication error.

Operation

Variable speed to maintain the constant pressure and flow that apartment, building or installation demands at every moment.





Technical features, dimension and weight

Model	Maximum head [m]	Maximum flow [m³/h]	P2 [kW]	Speedrive V2	Ø Pump		Ø Discharge manifold	Dimensions			Weight [Kg]	Code 1~230V (Model M)
					Suc.	Dis.		A	B	C		
CKE 1M Multi 25 4	59	5	0,75	M22	1 1/4"	1 1/4"	2"	400	440	975	30	00176824
CKE 1M Multi 25 5	74	5	0,9	M22	1 1/4"	1 1/4"	2"	400	440	994	30	00176826
CKE 1M Multi 35 4	55	10,5	1,1	M22	1 1/2"	1 1/4"	2"	400	464	1022	35	00176828
CKE 1M Multi 35 5	67	10,5	1,5	M22	1 1/2"	1 1/4"	2"	400	464	1045	38	00176830
CKE 1M Multi 35 6	83	10,5	2,2	M22	1 1/2"	1 1/4"	2"	400	464	1071	38	00205264

Model	Maximum head [m]	Maximum flow [m³/h]	P2 [kW]	Speedrive V2	Ø Pump		Ø Discharge manifold	Dimensions			Weight [Kg]	Code 3~400V (Model T)
					Suc.	Dis.		A	B	C		
CKE 1 Multi 25 4	59	5	0,75	T22	1 1/4"	1 1/4"	2"	400	440	975	30	00176450
CKE 1 Multi 25 5	74	5	0,9	T22	1 1/4"	1 1/4"	2"	400	440	994	30	00176825
CKE 1 Multi 35 4	55	10,5	1,1	T22	1 1/2"	1 1/4"	2"	400	464	1022	35	00176827
CKE 1 Multi 35 5	67	10,5	1,5	T22	1 1/2"	1 1/4"	2"	400	464	1045	38	00176829
CKE 1 Multi 35 6	83	10,5	2,2	T22	1 1/2"	1 1/4"	2"	400	464	1071	38	00176831
CKE 1 Multi 35 8	110	10,5	3	T55	1 1/2"	1 1/4"	2"	400	500	1120	45	00176832
CKE 1 Multi 55 4	51	18	2,2	T22	1 1/2"	1 1/4"	2"	400	500	1127	42	00176835
CKE 1 Multi 55 6	79	18	3	T55	1 1/2"	1 1/4"	2"	400	533	1206	51	00176836
CKE 1 Multi 55 7	93	18	4	T55	1 1/2"	1 1/4"	2"	400	533	1250	55	00176837

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Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal.
Motor casing in aluminium.

O-rings in NBR/EPDM.

Manifolds: AISI 304.

Valves and fittings: Brass.

Equipment included

Pump (x2).
Speedrive V2 (x2).
Discharge manifold.
Optional suction manifold.
Control panel.
Valves.
Fittings.
Check valves.
Pressure tank (20l).
Pressure transducer.
Metallic base.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Continuous operation.

Limitations

Maximum water temperature 40 °C.

Functions and protections

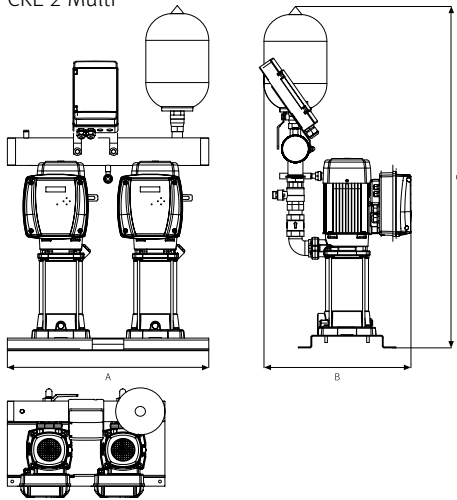
Dry-run protection with automatic reset function.
Detection of pressure transducer failure.
Overcurrent and short-circuit with automatic reset.
Power supply voltage with automatic reset.
Internal overtemperature with automatic reset.
Earthing and motor phase error.
Communication error.

Operation

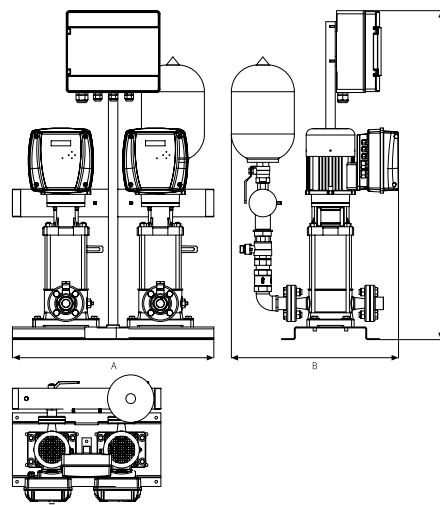
Variable speed to maintain the constant pressure and flow that apartment, building or installation demands at every moment.



CKE 2 Multi



CKE 2 Multi VE



Technical features, dimension and weight

Model	Maximum head [m]	Maximum flow [m³/h]	P2 [kW]	Speedrive V2	Ø Pump		Ø Discharge manifold	Dimensions			Weight [Kg]	Code
					Suc.	Dis.		A	B	C		
CKE 2M Multi 25 4	59	10	0,75	M22	1 1/4"	1 1/4"	2"	640	440	975	56	00176761
CKE 2M Multi 25 5	74	10	0,92	M22	1 1/4"	1 1/4"	2"	640	440	994	57	00176762
CKE 2M Multi 35 4	55	21	1,1	M22	1 1/2"	1 1/4"	2"	640	464	1022	66	00176763
CKE 2M Multi 35 5	67	21	1,5	M22	1 1/2"	1 1/4"	2"	640	464	1045	72	00176764
CKE 2M Multi 35 6	83	21	2,2	M22	1 1/2"	1 1/4"	2"	640	464	1071	73	00205266

Model	Maximum head [m]	Maximum flow [m³/h]	P2 [kW]	Speedrive V2	Ø Pump		Ø Discharge manifold	Dimensions			Weight [Kg]	Code
					Suc.	Dis.		A	B	C		
CKE 2 Multi 25 4	59	10	0,75	T22	1 1/4"	1 1/4"	2"	640	440	975	56	00176452
CKE 2 Multi 25 5	74	10	0,92	T22	1 1/4"	1 1/4"	2"	640	440	994	57	00176744
CKE 2 Multi 35 4	55	21	1,1	T22	1 1/2"	1 1/4"	2"	640	464	1022	66	00176753
CKE 2 Multi 35 5	67	21	1,5	T22	1 1/2"	1 1/4"	2"	640	464	1045	72	00176754
CKE 2 Multi 35 6	83	21	2,2	T22	1 1/2"	1 1/4"	2"	640	464	1071	73	00176755
CKE 2 Multi 35 8	110	21	3	T55	1 1/2"	1 1/4"	2"	640	500	1120	87	00176756
CKE 2 Multi 35 10	138	21	4	T55	1 1/2"	1 1/4"	2"	640	500	1170	106	00176757
CKE 2 Multi 55 4	51	36	2,2	T22	1 1/2"	1 1/4"	3"	640	500	1127	79	00176758
CKE 2 Multi 55 6	79	36	3	T55	1 1/2"	1 1/4"	3"	640	533	1206	97	00176759
CKE 2 Multi 55 7	93	36	4	T55	1 1/2"	1 1/4"	3"	640	533	1250	106	00176760

Model	Ø Manifold	Ø Valves	Ø Flanges	Code
Suction kit for CKE 2 Multi 25	2"	1 1/4"	1 1/4"	00199701
Suction kit for CKE 2 Multi 35	2"	1 1/2"	1 1/2"	00199702
Suction kit for CKE 2 Multi 55	3"	1 1/2"	1 1/2"	00199703

Model	Maximum head [m]	Maximum flow [m³/h]	P2 [kW]	Speedrive V2	Ø Pump		Ø Discharge manifold	Dimensions			Weight [Kg]	Code
					Suc.	Dis.		A	B	C		
CKE 2 Multi VE 94 6	58	27	1,5	T22	44	44	3"	650	550	1038	84	00203937
CKE 2 Multi VE 94 8	77	27	2,2	T22	44	44	3"	650	550	1138	91	00203938
CKE 2 Multi VE 94 11	108	27	3	T55	44	44	3"	650	550	1310	125	00203939
CKE 2 Multi VE 121 3	50	54,5	4	T55	50	50	4"	650	550	1147	156	00203940
CKE 2 Multi VE 121 5	83	54,5	5,5	T55	50	50	4"	650	550	1295	200	00203941

Model	Ø Manifold	Ø Valves	Ø Flanges	Code
Suction kit for CKE 2 VE 94	2 1/2"	1 1/2"	1 1/2"	00213981
Suction kit for CKE 2 VE 121 3	4"	2"	2"	00213982
Suction kit for CKE 2 VE 121 5	4"	2"	2"	00186696

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Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Manifolds: AISI 304.

Valves and fittings: Brass.

Equipment included

Pump (x3).
Speedrive V2 (x3).
Discharge manifold.
Optional suction manifold.
Control panel.
Valves.
Fittings.
Check valves.
Pressure tank (20l).
Pressure transducer.
Metallic base.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Continuous operation.

Limitations

Maximum water temperature 40 °C.

Functions and protections

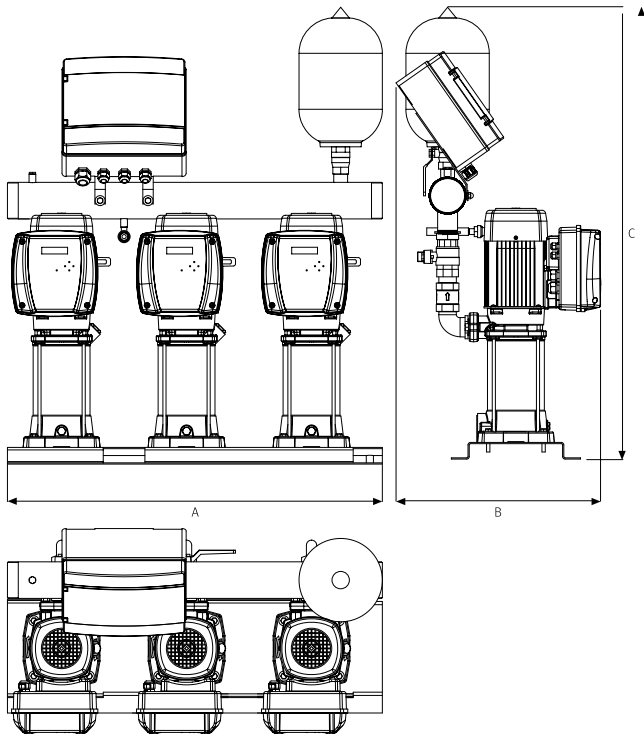
Dry-run protection with automatic reset function.
Detection of pressure transducer failure.
Overcurrent and short-circuit with automatic reset.
Power supply voltage with automatic reset.
Internal overtemperature with automatic reset.
Earthing and motor phase error.
Communication error.

Operation

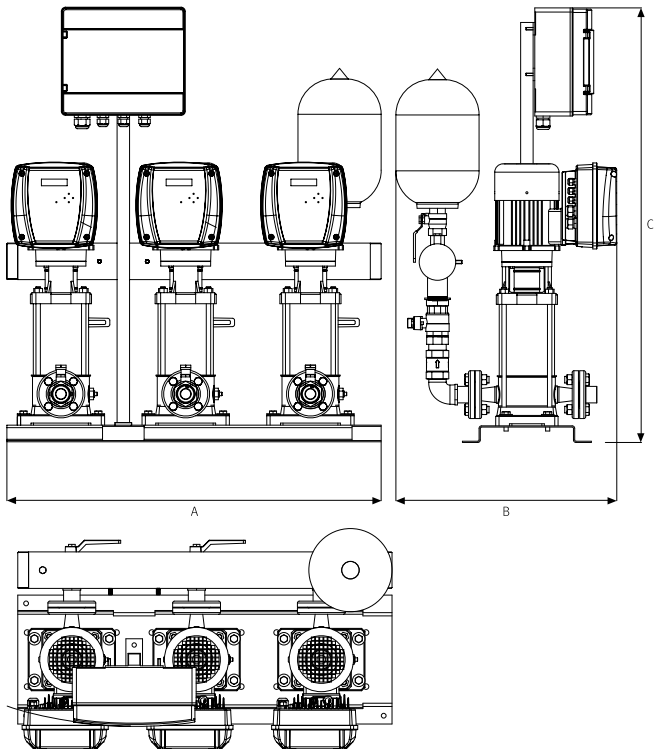
Variable speed to maintain the constant pressure and flow that apartment, building or installation demands at every moment.



CKE 3 Multi



CKE 3 Multi VE



Technical features, dimension and weight

Model	Maximum head [m]	Maximum flow [m³/h]	P2 [kW]	Speedrive V2	Ø Pump		Ø Discharge manifold	Dimensions			Weight [Kg]	Code
					Suc.	Dis.		A	B	C		
CKE 3 Multi 35 4	55	31,5	1,1	T22	1 1/2"	1 1/4"	3"	900	464	1044	99	00176742
CKE 3 Multi 35 5	67	31,5	1,5	T22	1 1/2"	1 1/4"	3"	900	464	1067	107	00176743
CKE 3 Multi 35 6	83	31,5	2,2	T22	1 1/2"	1 1/4"	3"	900	464	1093	109	00176453
CKE 3 Multi 35 8	110	31,5	3	T55	1 1/2"	1 1/4"	3"	900	500	1142	130	00176745
CKE 3 Multi 35 10	138	31,5	4	T55	1 1/2"	1 1/4"	3"	900	500	1170	151	00176746
CKE 3 Multi 55 4	51	54	2,2	T22	1 1/2"	1 1/4"	3"	900	500	1149	118	00176748
CKE 3 Multi 55 6	79	54	3	T55	1 1/2"	1 1/4"	3"	900	533	1228	144	00176749
CKE 3 Multi 55 7	93	54	4	T55	1 1/2"	1 1/4"	3"	900	533	1272	157	00176750

Model	Ø Manifold	Ø Valves	Ø Flanges	Code
Suction kit for CKE 3 Multi 35 and Multi 55	3"	1 1/2"	1 1/2"	00205223

Model	Maximum head [m]	Maximum flow [m³/h]	P2 [kW]	Speedrive V2	Ø Pump		Ø Discharge manifold	Dimensions			Weight [Kg]	Code
					Suc.	Dis.		A	B	C		
CKE 3 Multi VE 94 6	58	40,5	1,5	T22	44	44	3"	900	550	1038	126	00203942
CKE 3 Multi VE 94 8	77	40,5	2,2	T22	44	44	3"	900	550	1138	137	00203943
CKE 3 Multi VE 94 11	108	40,5	3	T55	44	44	3"	900	550	1310	187	00203944
CKE 3 Multi VE 121 3	50	82	4	T55	50	50	4"	900	550	1147	234	00203945
CKE 3 Multi VE 121 5	83	82	5,5	T55	50	50	4"	900	550	1295	300	00203946

Model	Ø Manifold	Ø Valves	Ø Flanges	Code
Suction kit for CKE 3 VE 94	3"	1 1/2"	1 1/2"	00213983
Suction kit for CKE 3 VE 121 3	4"	2"	2"	00213984
Suction kit for CKE 3 VE 121 5	4"	2"	2"	00178038

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Materials

Multi and Multi VE:

Pump body and impellers in AISI 304.
Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Manifolds: AISI 304.

Valves and fittings: Brass.

Equipment included

Pump (x4).
Speedrive V2 (x4).
Discharge manifold.
Optional suction manifold.
Control panel.
Valves.
Fittings.
Check valves.
Pressure tank (20l).
Pressure transducer.
Metallic base.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Continuous operation.

Limitations

Maximum water temperature 40 °C.

Functions and protections

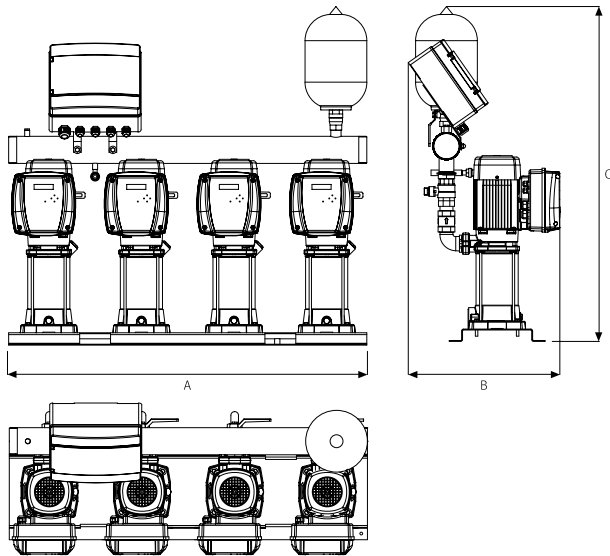
Dry-run protection with automatic reset function.
Detection of pressure transducer failure.
Overcurrent and short-circuit with automatic reset.
Power supply voltage with automatic reset.
Internal overtemperature with automatic reset.
Earthing and motor phase error.
Communication error.

Operation

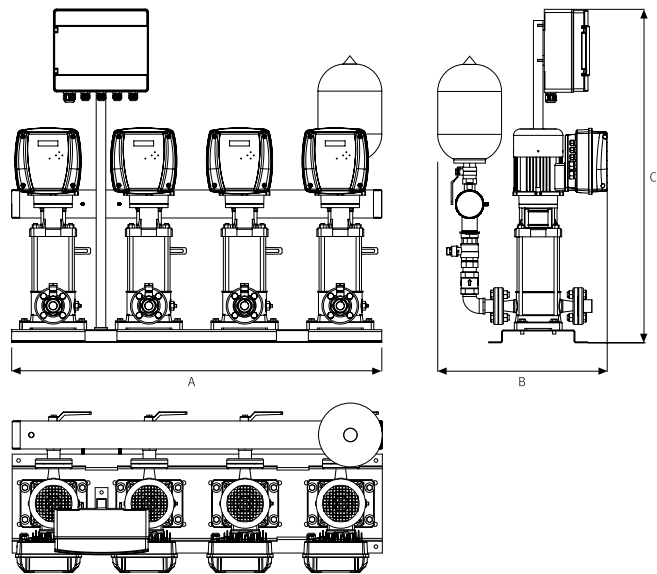
Variable speed to maintain the constant pressure and flow that apartment, building or installation demands at every moment.



CKE 4 Multi



CKE 4 Multi VE



Technical features, dimension and weight

Model	Maximum head [m]	Maximum flow [m³/h]	P2 [kW]	Speedrive V2	Ø Pump		Ø Discharge manifold	Dimensions			Weight [Kg]	Code
					Suc.	Dis.		A	B	C		
CKE 4 Multi 35 4	55	42	1,1	T22	1 1/2"	1 1/4"	3"	1160	464	1044	131	00176775
CKE 4 Multi 35 5	67	42	1,5	T22	1 1/2"	1 1/4"	3"	1160	464	1067	142	00176776
CKE 4 Multi 35 6	83	42	2,2	T22	1 1/2"	1 1/4"	3"	1160	464	1093	144	00176777
CKE 4 Multi 35 8	110	42	3	T55	1 1/2"	1 1/4"	3"	1160	500	1142	172	00176778
CKE 4 Multi 35 10	138	42	4	T55	1 1/2"	1 1/4"	4"	1160	500	1170	198	00202199
CKE 4 Multi 55 4	51	72	2,2	T22	1 1/2"	1 1/4"	4"	1160	500	1149	156	00176781
CKE 4 Multi 55 6	79	72	3	T55	1 1/2"	1 1/4"	4"	1160	533	1228	191	00176782
CKE 4 Multi 55 7	93	72	4	T55	1 1/2"	1 1/4"	4"	1160	533	1272	208	00173508

Model	Ø Manifold	Ø Valves	Ø Flanges	Code
Suction kit for CKE 4 Multi 35	3"	1 1/2"	1 1/2"	00207305
Suction kit for CKE 4 Multi 55	4"	1 1/2"	1 1/2"	00207306

Model	Maximum head [m]	Maximum flow [m³/h]	P2 [kW]	Speedrive V2	Ø Pump		Ø Discharge manifold	Dimensions			Weight [Kg]	Code
					Suc.	Dis.		A	B	C		
CKE 4 Multi VE 94 6	58	54	1,5	T22	44	44	3"	1160	550	1038	168	00203947
CKE 4 Multi VE 94 8	77	54	2,2	T22	44	44	3"	1160	550	1138	182	00203948
CKE 4 Multi VE 94 11	108	54	3	T55	44	44	3"	1160	550	1310	250	00203949
CKE 4 Multi VE 121 3	50	109	4	T55	50	50	4"	1160	550	1147	312	00203950
CKE 4 Multi VE 121 5	83	109	5,5	T55	50	50	4"	1160	550	1295	400	00203951

Model	Ø Manifold	Ø Valves	Ø Flanges	Code
Suction kit for CKE 4 VE 94	4"	1 1/2"	1 1/2"	00213985
Suction kit for CKE 4 VE 121 3	5"	2"	2"	00213986
Suction kit for CKE 4 VE 121 5	5"	2"	2"	00213987