



Global Common Components List

Revision: 3.0, Date: 01/11/2024

[Product Recommendation](#)

SMC Corporation (of America)



[Air Preparation Equipment](#)



[Valves and Controls](#)



[Sensors and Instrumentation](#)



[Vacuum](#)



[Flow Controls, Tubing, Fittings](#)



[Global Contact Information](#)



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REVISION INFORMATION¹

Revision	Date Revised	Content	Pages Affected
1.0	12-10-2020	Creation of GCCL Specification Book, Add online catalog	All
2.0	11/4/2021	Reformat GCCL Specification Book	All
2.1	11/4/2021	Added New GM Logo	1
2.2	11/4/2021	Updated ISE70-F02-43-X504 with ISE70-F02-L2 pressure switch	24
2.3	11/4/2021	Updated obsolete part numbers (ISE*, ZFC, ZH*)	24, 25
2.4	11/4/2021	Added KQ2 Fitting Part Numbers, Added KR Part Numbers	34-78
2.5	11/4/2021	Added KR Part Numbers	34-78
2.6	6/6/2022	Updated AC Part Numbers (AC40X*, AC60X-F06*,AC60X-F10*), Corrected (Removed "metal") AN Part Numbers	5, 12
2.7	6/21/2022	Updated AC Part Numbers (AC40X*, AC60X-F06*,AC60X-F10*)	5
2.8	2/9/2023	Removed DAK00314 and DAK00315, Added VQC4000- PW-03F-X530 & VQC5000-PW-04F-X530	15, 17
3.0	1/11/20243	Updated as of 10/24/2023 to remove/add part numbers approved by GCCL. For details, request separate documentation	ALL

¹Minor updates will be measured in 0.1 increments, while major/annual updates will be measure in 1.0 increments.

RESOURCES

- Website: www.smcusa.com
 - Secondary Battery Configurators, <https://www.smcusa.com/products/secondary-battery/>
- Global Website: www.smcworld.com
- Instruction/Operation Manuals and Configuration Files: <https://www.smcusa.com/help-support/instruction-and-operation/>
- E-tools
 - Software Sizing tools: <https://www.smcusa.com/help-support/etools/>
 - Sensor/Switch Procedure Setting tool <https://mssc.smcworld.com/dsmss/index.php/?language=en>
 - Electric Actuator Selection Software
https://mssc.smcworld.com/eamss/index.php?language=en&_ga=2.27167989.978602424.1624282735-1471600561.16234262874

AIR PREPARATION

SMC's air preparation (FRL) products offer a wide variety of filter, regulator, and lubricator units. Combination units include air filter regulator, air filter regulator mist separator, as well as ambient dryers, booster regulators, precision regulators, mist separators, and a wide range of accessories.

Pressure regulators from SMC have been updated to the new urban white base color for a clean modern look. The pressure drop across the regulator has been reduced to create a more efficient unit with a maximum set pressure of 100 psi. The locking adjustment knob prevents accidental setting changes. Options include a mounting bracket and set nuts for panel mounting as well as pressure gauges.

AIR PREPARATION ASSEMBLIES, AC SERIES

 <i>*Representative Image</i>	Documentation  Air Preparation Assemblies  Powertrain Only Standard product configurator/catalog/CAD:		
Assemblies			
SMC Part Number	Description	GCCL #	Common Code
AC40X-F04-6-D-X2249	Air Prep Assembly, Global Station, 1/2" G, AC-D Series	31803	0361-01V0
AC40X-F04-6-D-X2250	Air Prep Assembly, Brake And Fluid Fill, 1/2" G, AC-D Series	31815	0361-01TT
AC40X-F04-6-D-X2251	Air Prep Assembly, General Assembly, 1/2" G, AC-D Series	31813	0361-01V5
AC40X-F04-D-X2246	Air Prep Assembly, Turntable Main Feed, 1/2" G, AC-D Series	31806	0361-01V1
AC40X-F06-6-D-X2252	Air Prep Assembly, Low Automation, 3/4" G, AC-D Series	31810	0361-01V2
AC50X-F06-6-D-X2102	Air Prep Assembly, Robot, 3/4" G, AC-D Series	31800	0361-01V4
AC50X-F06-6-D-X2249	Air Prep Assembly, Global Station, 3/4" G, AC-D Series	31802	0361-01V7
AC50X-F06-D-X2246	Air Prep Assembly, Turntable Main Feed, 3/4" G, AC-D Series	31805	0361-01V3
AC60X-F06-6-D-X2106	Air Prep Assembly, General Assembly, 3/4" G, AC-D Series	31812	0361-01TX
AC60X-F06-6-D-X2250	Air Prep Assembly, Brake And Fluid Fill, 3/4" G, AC-D Series	31814	0361-01TV
AC60X-F10-6-B-X2145	Air Prep, General Assembly, 1 Inch G	31644	0361-01RJ
AC60X-F10-6-D-X2104	Air Prep Assembly, Turntable Main Feed, 1" G, AC-D Series	31804	0361-01V6
AC60X-F10-6-D-X2109	Air Prep Assembly, General Assembly, 1" G, AC-D Series	31811	0361-01TY
AC60X-F10-6-D-X2249	Air Prep Assembly, Global Station, 1" G, AC-D Series	31801	0361-01TW
AC50X-F06-6-A-X2123	Air Prep, Robot, 3/4 Inch G	31600	0361018K
AC60X-F10-6-A-X2119	Air Prep, Global tooling, 1 Inch G	31601	0361018R
AC50X-F06-6-A-X2473	Air Prep, Global Station 3/4 Inch G	31630	03610184
AC40X-F04-6-A-X2473	Air Prep, Global Station 1/2 Inch G	31631	0361018G

AC40D-F04-6-B-X2474	Air Prep, General Assembly, 1/2 Inch G	31637	0361018F
AC60X-F06-6-B-X2124	Air Prep, Global Offline 3/4 Inch G	31635	0361018N
AC40X-F04-A-X2457	Air Prep, Turntable Main Feed, 1/2 Inch G	31634	036100RL
AC60X-F10-6-A-X2126	Air Prep, Turntable Main Feed, 1 Inch G	31632	0361018T
AC50X-F06-A-X2127	Air Prep, Turntable Main Feed, 3/4 Inch G	31633	036100RK
AC40X-F06-6-B-X2456	Air Prep, Low Automation 3/4 Inch G	31636	036100RF
AC60X-F06-6-B-X2104	Air Prep, Brake and Fluid Fill, 3/4 Inch G	31639	0361018M
AC40D-F04-6-B-X2468	Air Prep, Brake and Fluid Fill, 1/2 Inch G	31640	0361018A
AC40D-F04-V1-6-B-X2474	Air Prep, General Assembly ½ inch G		
AC60X-F06-6-B-X2127	Air Prep, General Assembly ¾ inch G		
AC40X-F04-6-D-X2344	Air Prep Assembly, Global Offline, 1/2" G, AC-D Series		
AC60X-F06-6-D-X2105	Air Prep Assembly, Global Offline, 3/4" G, AC-D Series		
AC60X-F10-6-D-X2112	Air Prep Assembly, Global Offline, 1" G, AC-D Series		
Powertrain Only			
AC40X-F04-6-B-X2136	Air Prep, Powertrain, 1/2 Inch G	31641	0361018H
AC60X-F06-6-B-X2103	Air Prep, Powertrain, 3/4 Inch G	31642	0361018L
AC60X-F10-6-B-X2103	Air Prep, Powertrain, 1 Inch G	31643	0361018V

AIR FILTERS, AF SERIES

 <i>*Representative Image</i>	Documentation  Filter specs & how to order Standard product configurator/catalog/CAD:		
SMC Part Number	Description	GCCL #	Common Code
AF40-F04-6-D	Filter, Particulate, 5 Micron, 1/2" G Thread with Nylon Bowl, AC-D Series	31429	0339-7Y2W
AF50-F06-6-D	Filter, Particulate, 5 Micron, 3/4" G Thread with Nylon Bowl, AC-D Series	31430	0339-7Y2X
AF60-F10-6-D	Filter, Particulate, 5 Micron, 1" G Thread with Nylon Bowl, AC-D Series	31431	0339-7Y2Y
AF30-F02-6-A	Filter, Particulate, 5 Micron 1/4 Inch - G Thread with Nylon Bowl	31424	03397P7F



AF40-F03-6-A	Filter, Particulate, 5 Micron 3/8 Inch - G Thread with Nylon Bowl	31425	03397P7G
AF40-F04-6-A	Filter, Particulate, 5 Micron 1/2 Inch - G Thread with Nylon Bowl	31426	03397P7H
AF50-F06-6-A	Filter, Particulate, 5 Micron 3/4 Inch - G Thread with Nylon Bowl	31427	03397P7J
AF60-F10-6-A	Filter, Particulate, 5 Micron 1 Inch - G Thread with Nylon Bowl	31428	03397P7K
AF800-N12	Filter, Particulate, 5 Micron 1 1/4 in - NPT thread	North America Only	03397HVJ
AF800-N14	Filter, Particulate, 5 Micron 1 1/2 in - NPT thread	North America Only	03397JYM
AF900-N20	Filter, Particulate, 5 Micron 2 in - NPT thread	North America Only	03397HNF
Air Filter and Regulator Combo			
AW40K-F04-6-D	Filter/Regulator Combined to One Unit, 1/2" G, Backflow, Relieving Type, Nylon Bowl, AC-D Series	31453	0361-01TP
AW40K-F06-6-D	Filter/Regulator Combined to One Unit, 3/4" G, Backflow, Relieving Type, Nylon Bowl, AC-D Series	31454	0361-01TR
AW60K-F06-6-D	Filter/Regulator Combined to One Unit, 3/4" G, Backflow, Relieving Type, Nylon Bowl, AC-D Series	31455	0361-01TN
AW40-F04-6-A	Filter/ Regulator Combined to One Unit 1/2 Inch G Thread, with Nylon Bowl	31435	03610185
AW40K-F04-6-B	Filter/ Regulator Combined to One Unit 1/2 Inch G Thread with Internal Check Valve, with Nylon Bowl	31445	03610186
AW40K-F06-6-B	Filter/ Regulator Combined to One Unit 3/4 Inch G Thread with Internal Check Valve, with Nylon Bowl	31446	03610187
AW60K-F06-6-B	Filter/ Regulator Combined to One Unit 3/4 Inch G Thread with Internal Check Valve, with Nylon Bowl	31447	03610188
AW60K-F10-6-B	Filter/ Regulator Combined to One Unit 1 Inch G Thread with Internal Check Valve, and Nylon Bowl	31452	03610189
Maintenance Parts			
AF30P-060S	Filter, Replacement Element for AF30 Series	31439	029768XH
AF40P-060S	Filter, Replacement Element for AF40 Series	31440	029768HN
AF50P-060S	Filter, Replacement Element for AF50 Series	31441	029768TG
AF60P-060S	Filter, Replacement Element for AF60 Series	31442	029768WA
11345-5B	Filter, Replacement Element for AF800 Series	31443	029768CH
11352-5B	Filter, Replacement Element for AF900 Series	31444	029768GF

MIST SEPARATORS, AFM/AWM/AM SERIES

 <i>*Representative Image</i>	Documentation  Filter specs & how to order Standard product configurator/catalog/CAD:		
Mist Separator			
SMC Part Number	Description	GCCL #	Common Code
AFM40-F04-6-D	Mist Separator, 1/2" G Thread, 0.3 Micron, Relieving Type, with Nylon Bowl, AC-D Series	31456	0709-02CX
AFM40-F06-6-D	Mist Separator, 3/4" G Thread, 0.3 Micron, Relieving Type, with Nylon Bowl, AC-D Series	31457	0709-02CY
AM550C-F06-T	Filter, Coalescent Filter, 0.3 Micron 3/4 Inch - G Thread & Element Service Indicator	31420	0709-0299
AM60-F10-L-D	Mist Separator, 1" G Thread, 0.1 Micron, Relieving Type, Element Service Indicator, with Stainless Steel Bowl, AC-D Series	31458	0709-02D0
AFM40-F04-6-A	Mist Separator, 1/2 Inch- G Thread, 0.3 Micron, Relieving Type with Nylon Bowl	31433	070901PR
AFM40-F06-6-A	Mist Separator, 3/4 Inch- G Thread, 0.3 Micron, Relieving Type, with Nylon Bowl	31448	070901PT
Mist Separator and Regulator Combo			
AWM30-F03	Mist Separator/ Regulator, 3/8 Inch- G Thread, 0.3 Micron, Relieving Type	31432	036100NA
AWM40-F04	Mist Separator/ Regulator, 1/2 Inch- G Thread, 0.3 Micron, Relieving Type	31434	036100NF
Mainline			
AM650-F10-T	Filter, Coalescent Filter, 0.3 Micron 1 Inch- G Thread & Element Service Indicator	31421	070901A5
AM850-N14-T	Coalescent Filter, 0.3 Micron 1-1/2 in - NPT thread & Element Service Indicator	North America Only	07090188
AM850-N20-T	Coalescent Filter, 0.3 Micron 2 in - NPT thread & Element Service Indicator	North America Only	07090181
Maintenance Parts			
AWM30P-090AS	Replacement Element for AWM30 Series	North America Only	029768WF
AWM40P-090AS	Replacement Element for AWM40 Series	North America Only	029768WG
AM-EL550	Filter, Replacement Element for AM550 Series	31436	02976892
AM-EL650	Filter, Replacement Element for AM650 Series	31437	02976893
AM-EL850	Filter, Replacement Element for AM850 Series	31438	02976894

REGULATORS AND GAUGES, AR/IR/G/K SERIES

 <i>*Representative Image</i>	Documentation  AR specs & how to order IR specs & how to order Standard product configurator/catalog/CAD:		
Regulator			
SMC Part Number	Description	GCCL #	Common Code
AR20-F01B-A	Regulator, 1/8 Inch G Thread, with Bracket	32000	065736G4
AR30-F02B-A	Regulator, 1/4 Inch - G Thread, Inline Relieving Type with Bracket	31467	065736G5
AR30K-F03B-B	Regulator, 3/8 Inch - G Thread, In line with Internal Check Valve Type with Bracket	31469	065736G8
AR40-F03B-A	Regulator, 3/8 Inch - G Thread, Inline Relieving Type with Bracket	31468	065736G6
AR40-F04B-A	Regulator, 1/2 Inch - G Thread, Inline Relieving Type, with Bracket	31460	065736G7
AR40K-F04B-B	Regulator, 1/2 Inch - G Thread, In line with Internal Check Valve Type with Bracket	31470	065736G9
AR40K-F06B-B	Regulator, 3/4 Inch - G Thread, In line with Internal Check Valve Type with Bracket	31471	065736DX
AR50-F06B-B	Regulator, 3/4 Inch - G Thread, Inline Relieving Type with Bracket	31461	065736GA
AR50K-F06B-B	Regulator, 3/4 Inch - G Thread, In line with Internal Check Valve Type with Bracket	31462	065736GF
AR60-F10B-B	Regulator, 1 Inch - G Thread, Inline Relieving Type with Bracket	31463	065736GG
ARX20-F01B	Regulator, Panel Mount 1/8 Inch G Thread, with Bracket	32002	065734N4
AR825-N14	Regulator, 1-1/2 in - NPT thread, Inline Relieving Type	North America Only	
AR925-N20	Regulator, 2 in - NPT thread, Inline Relieving Type	North America Only	0657-3515
Precision Regulator			
IR1020-F01BG-A-X1073	Precision Regulator, High Relief, 0.01 - 0.8 MPa, 1/8 Inch Thread, G port, with Adjustable Range Indicator Gauge and Bracket, Flow Rate to 400 L/min	32005	0657-38AA
IR2000-F02B-A	Regulator, Precision, 1/4 in - G thread, 0.005 To 0.2 MPa Set Pressure Range with Bracket, Flow Rate to 600 L/min	31472	0657-37M4
IR2020-F02BG-A-X1073	Precision Regulator, High Relief, 0.01 - 0.8 MPa, 1/4 Inch Thread, G port, with Adjustable Range Indicator Gauge and Bracket, Flow Rate to 1000 L/min	32006	0657-38A9
IR3000-F03B-A	Regulator, Precision, 3/8 in - G thread, 0.01 To 0.2 MPa Set Pressure Range with Bracket, Flow Rate to 3000 L/min	31473	0657-38A6

IR3020-F02BG-A-X1073	Precision Regulator, High Relief, 0.01 - 0.8 MPa, 1/4 Inch Thread, G port, with Adjustable Range Indicator Gauge and Bracket, Flow Rate to 5000 L/min	32003	0657-38AG
IR3020-F03BG-A-X1073	Precision Regulator, High Relief, 0.01 - 0.8 MPa, 3/8 Inch Thread, G port, with Adjustable Range Indicator Gauge and Bracket, Flow Rate to 5000 L/min	32004	0657-38AH
IR3020-F04BG-A-X1073	Precision Regulator, High Relief, 0.01 - 0.8 MPa, 1/2 Inch Thread, G port, with Adjustable Range Indicator Gauge and Bracket, Flow Rate to 5000 L/min	30314	0657-38A8
IR3120-F02BG-X173	Precision Regulator, High Relief, Air Pilot Operated, 0.01 - 0.8 MPa, 1/4 Inch Thread, G Port, with Adjustable Range Indicator Gauge and Bracket, Flow Rate to 5000 L/min	30315	0657-38A7
IR3120-F03BG-X173	Precision Regulator, High Relief, Air Pilot Operated, 0.01 - 0.8 MPa, 3/8 Inch Thread, G Port, with Adjustable Range Indicator Gauge and Bracket, Flow Rate to 5000 L/min	30306	0657-38AJ
IR3120-F04BG-X173	Precision Regulator, High Relief, Air Pilot Operated, 0.01 - 0.8 MPa, 1/2 Inch Thread, G Port, with Adjustable Range Indicator Gauge and Bracket, Flow Rate to 5000 L/min	30316	0657-38AF
Gauge			
G36-P10-01-L-X30	Gauge, air only, 1/8 " PT male connection, adjustable range indicators, scale 0 to 1 MPa, 36 mm diameter	31500	03666ATT
G46-P10-02-L-X30	Gauge, air only, 1/4 " PT male connection, adjustable range indicators, scale 0 to 1 MPa, 46 mm diameter	31401	036669WW
K50-MP0.7-02MS	Gauge, Water, (0-100 PSI), 1/4 Inch - PT Thread	31402	036666AR

LUBRICATORS, AL SERIES

 <i>*Representative Image</i>	Documentation  AL specs & how to order Standard product configurator/catalog/CAD:		
SMC Part Number	Description	GCCL #	Common Code
AL30-F02-A	Lubricator, 1/4 Inch -G Thread, with Site Gauge & Mounting Bracket	31483	04990A11
AL30-F03-A	Lubricator, 3/8 Inch -G Thread, with Site Gauge & Drain Cock, 50 cm3	31480	04990A12
AL40-F04-A	Lubricator, 1/2 Inch -G Thread, with Site Gauge & Drain Cock, Cap. 130 cm3	31481	049909L3
AL50-F06-A	Lubricator, 3/4 Inch - G Thread, with Site Gauge & Drain Cock, Cap. 130cm3	31485	04990A14
AL60-F10-A	Lubricator, 1 Inch -G Thread, with Site Gauge & Drain Cock, Cap. 130cm3	31482	04990A15

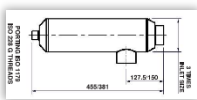
Mainline			
AL800-F14	Lubricator, 1 1/2 Inch - G thread, with Site Gauge & Drain Cock, Cap. 440cm ³	North America Only	049909L8
AL900-F20	Lubricator, 2 Inch -G thread, with Site Gauge & Drain Cock, Cap. 440cm ³	North America Only	049909L9
AL800-N14	Lubricator, 1 1/2 Inch - NPT thread, with Site Gauge & Drain Cock	North America Only	
AL900-N20	Lubricator, 2 Inch -NPT thread, with Site Gauge & Drain Cock	North America Only	

AIR PREPARATION ASSEMBLY COMPONENTS, VARIES

 <i>*Representative Image</i>	Documentation  Air Prep components Standard product configurator/catalog/CAD:		
	SMC Part Number	Description	GCCL # Common Code
Y400-D	Air Prep Accessory, Spacer, 1/2", Spare For Air Prep Assembly, AC-D Series	31776	0762-6G5N
Y400T-D	Air Prep Accessory, Spacer, 1/2", With Mounting Bracket, Spare For Air Prep Assembly, AC-D Series	31779	0762-6G5L
Y410-F02-1-D	Air Prep Accessory, Pressure Switch Mount For 1/4" Or 1/2" With 3/8" - G Thread, Spare For Air Prep Assembly, AC-D Series	31774	0762-6G5G
Y500-D	Air Prep Accessory, Spacer, 3/4", Spare For Air Prep Assembly, AC-D Series	31777	0762-6G5P
Y500T-D	Air Prep Accessory, Spacer, 3/4", With Mounting Bracket, Spare For Air Prep Assembly, AC-D Series	31780	0762-6G5J
Y600-D	Air Prep Accessory, Spacer, 3/4" Or 1", Spare For Air Prep Assembly, AC-D Series	31778	0762-6G5M
Y600T-D	Air Prep Accessory, Spacer, 3/4" Or 1", With Mounting Bracket, Spare For Air Prep Assembly, AC-D Series	31781	0762-6G5K
Y610-F03-1-D	Air Prep Accessory, Pressure Switch Mount For 3/4" Or 1" With 3/8" - G Thread, Spare For Air Prep Assembly, AC-D Series	31775	0762-6G5F
E400-F04-D	Air Prep Accessory, Piping Adapter, 1/2" G, Spare For Air Prep Assembly, AC-D Series	31782	0009-DC9A
E500-F06-D	Air Prep Accessory, Piping Adapter, 3/4" G, Spare For Air Prep Assembly, AC-D Series	31783	0009-DC97
E600-F06-D	Air Prep Accessory, Piping Adapter, 3/4" G, Spare For Air Prep Assembly, AC-D Series	31784	0009-DC98
E600-F10-D	Air Prep Accessory, Piping Adapter, 1" G, Spare For Air Prep Assembly, AC-D Series	31785	0009-DC99

E400-F04-A	Air Prep, Pipe Adapter, 1/2 Inch, Spare for Air Prep Assembly	31617	0009D16F
E500-F06-A	Air Prep, Pipe Adapter, 3/4 Inch, Spare for Air Prep Assembly	31616	0009D1WN
E600-F06-A	Air Prep, Pipe Adapter, 3/4 Inch, Spare for Air Prep Assembly	31612	0009D1WP
E600-F10-A	Air Prep, Pipe Adapter, 1 Inch, Spare for Air Prep Assembly	31613	0009D1WR
Y400-A	Air Prep, Adapter, Modular Air Prep 1/2 Inch, Spare for Air Prep Assembly	31610	0762695V
Y400T-A	Air Prep, Adapter, Modular Air Prep 1/2 Inch, with Mounting Feet, Spare for Air Prep Assembly	31609	076268VH
Y410-F02-A	Air Prep, Pressure Switch Mount for 1/2 Inch with 1/4 Inch - G Thread, Spare for Air Prep Assembly	31622	076269FR
Y500-A	Air Prep, Adapter, Modular Air Prep 3/4 Inch, Spare for Air Prep Assembly	31614	076269FL
Y500T-A	Air Prep, Adapter, Modular Air Prep 3/4 Inch, with Mounting Feet, Spare for Air Prep Assembly	31615	076269FN
Y600-A	Air Prep, Adapter, Modular Air Prep 3/4 Inch and 1 Inch, Spare for Air Prep Assembly	31607	076269FM
Y600T-A	Air Prep, Adapter, Modular Air Prep 3/4 Inch and 1 Inch, Spare for Air Prep Assembly	31608	076269FP
Y610-F03-A	Air Prep, Pressure Switch Mount for 3/4 Inch or 1 Inch with 3/8 Inch - G Thread, Spare for Air Prep Assembly	31611	076269FT

DRIP LEGS, FAPP SERIES

 *Representative Image	Documentation  FAPP specs Standard product configurator/catalog/CAD:		
	Powertrain Only		
SMC Part Number	Description	GCCL #	Common Code
FAPP-04-DDL00026	Drip Legs, 1/2" G for Powertrain Use Only	31650	047600CY
FAPP-06-DDL00006	Drip Legs, 3/4" G for Powertrain Use Only	31651	047600C1
FAPP-08-DDL00007	Drip Legs, 1" G for Powertrain Use Only	31652	047600D8
FAPP-12-DDL00008	Drip Legs, 1½" G for Powertrain Use Only	31653	047600D9
FAPP-16-DDL00012	Drip Legs, 2" G for Powertrain Use Only	31654	047600D6

EXHAUST CLEANERS AND SILENCERS, AMC AND AN SERIES

	Documentation		
<i>*Representative Image</i>	 Silencer specs & how to order	 EBKX-	 INA-25-88
	Standard product configurator/catalog/CAD:		
Exhaust Cleaner			
SMC Part Number	Description	GCCL #	Common Code
AMC310-03B	Exhaust Cleaner, 3/8 Inch - PT Male Thread, with MTG Bracket	31322	053609N6
AMC320-F03B	Exhaust Cleaner, 3/8 Inch - G Female Thread, with MTG Bracket	31325	053609N4
AMC510-06B	Exhaust Cleaner, 3/4 Inch - PT Male Thread, with MTG Bracket	31320	053609MY
AMC520-F04B	Exhaust Cleaner, 1/2 Inch - G Female Thread, with MTG Bracket	31327	053609MH
AMC520-F06B	Exhaust Cleaner, 3/4 Inch - G Female Thread, with MTG Bracket	31326	053609N3
AMC610-10B	Exhaust Cleaner, 1 Inch - PT Male Thread, with MTG Bracket	31321	053609N0
AMC810-14	Exhaust Cleaner, 1-1/2 Inch - PT Male Thread	31323	053609N1
AMC910-20	Exhaust Cleaner, 2 Inch - PT Male Thread	31324	053609N2
Silencer			
AN110-01	Silencer, 1/8 Inch - PT Male Thread	31313	0739037W
AN120-M5	Silencer, 10-32 Inch or M5 Male Thread	31300	0739037T
AN202-02	Silencer, Weld Applications, 1/4 Inch PT Male Thread	31310	07390389
AN302-03	Silencer, Weld Applications, 3/8 Inch PT Male Thread	31311	0739039J
AN402-04	Silencer, Weld Applications, 1/2 Inch PT Male Thread	31312	0739033N
ANA1-01	Silencer, 1/8 Inch - PT Male Thread	31301	073903AL
ANA1-02	Silencer, 1/4 Inch - PT Male Thread	31302	073903A9
ANA1-03	Silencer, 3/8 Inch - PT Male Thread	31303	073903AM
ANA1-04	Silencer, 1/2 Inch - PT Male Thread	31304	073903AA
ANA1-10	Silencer, 1 Inch - PT Male Thread	31306	073903AG
ANA1-12	Silencer, 1-1/4 Inch - PT Male Thread	31307	073903AH
ANA1-14	Silencer, 1-1/2 Inch - PT Male Thread	31308	073903AJ
ANA1-20	Silencer, 2 Inch - PT Male Thread	31309	073903AK

EBKX-L7004-040	Silencer, Flat, 1/8 Inch PT Thread, 40 Micron	31314	073903HH
EBKX-L7005-040	Silencer, Flat, 1/4 Inch PT Thread, 40 Micron	31315	073903GR
INA-25-88	Silencer, 3/4 Inch - PT Male Thread	31305	073903AF

LOCK OUT, VHS SERIES

 <i>*Representative Image</i>	Documentation  VHS specs & how to order Standard product configurator/catalog/CAD:		
	SMC Part Number	Description	GCCL # Common Code
VHS40-F04-M-D	Shut-Off / Lock-Out Valve, 1/2" G, with Red Metal Handle, Body Size 40, AC-D Series	31770	0889-22YA
VHS40-F06-M-D	Shut-Off / Lock-Out Valve, 3/4" G, with Red Metal Handle, Body Size 40, AC-D Series	31771	0889-22YF
VHS50-F06-M-D	Shut-Off / Lock-Out Valve, 3/4" G, with Red Metal Handle, Body Size 50, AC-D Series	31772	0889-22YG
VHS50-F10-M-D	Shut-Off / Lock-Out Valve, 1" G, with Red Metal Handle, Body Size 50, AC-D Series	31773	0889-22Y9
VHS30-F03B	Shut-Off / Lock-Out Valve, 3/8", with Red Handle	31606	088919VX
VHS40-F04B	Shut-Off / Lock-Out Valve, 1/2", with Red Handle	31604	08890PA9
VHS40-F04B-K	Shut-Off / Lock-Out Valve, 1/2", with Black Handle	31605	08891C5A
VHS40-F06B	Shut-Off / Lock-Out Valve, 3/4", with Red Handle	31621	08891C5F
VHS50-F06B	Shut-Off / Lock-Out Valve, 3/4", with Red Handle	31603	08891C5G
VHS50-F10B	Shut-Off / Lock-Out Valve, 1", with Red Handle	31602	08891C5H



Directional control valves and manifolds direct air to pneumatic actuators, vacuum equipment and as pilot air for large-scale industrial process valves making them fundamental to industrial automation applications.

SMC pneumatic valves can be actuated manually, pneumatically, or electrically. They can also be connected to industrial fieldbus and ethernet with I/O capabilities to receive feedback from sensors and actuators using protocols such as: EtherNet/IP, PROFINET, EtherCAT, DeviceNet, Profibus or IO-Link (IEC 61131-9).

SMC valves feature energy saving, low power consumption coils, high flow rates (Cv, SCFM) and quick response times for premium

VQC4000, MANIFOLD WITH DEVICENET, VQC4000 SERIES

 <i>*Representative Image</i>	Documentation  -X25 Standard product configurator/catalog/CAD:		
	Manifolds with DeviceNet		
SMC Part Number	Description	GCCL #	Common Code
VV5QC41-04C16FSDQN0-X25	VQC4000 Manifold with EX250-SDN1-X122, 4 Stations, and 16mm One touch Fittings	30000	051006KM
VV5QC41-08C16FSDQN0-X25	VQC4000 Manifold with EX250-SDN1-X122, 8 Stations, and 16mm One touch Fittings	30001	051006KN
VV5QC41-12C16FSDQN0-X25	VQC4000 Manifold with EX250-SDN1-X122, 12 Stations, and 16mm One touch Fittings	30002	051006KL
VV5QC41-04C12FSDQN0-X25	VQC4000 Manifold with EX250-SDN1-X122, 4 Stations, and 12mm One touch Fittings	30050	05100728
VV5QC41-08C12FSDQN0-X25	VQC4000 Manifold with EX250-SDN1-X122, 8 Stations, and 12mm One touch Fittings	30051	05100729
VV5QC41-12C12FSDQN0-X25	VQC4000 Manifold with EX250-SDN1-X122, 12 Stations, and 12mm One touch Fittings	30052	0510072A

VQC4000, MANIFOLD WITH ETHERNET IP, VQC4000 SERIES

 <i>*Representative Image</i>	Documentation  -X132 Standard product configurator/catalog/CAD:		
	Manifolds with EtherNet IP		
SMC Part Number	Description	GCCL #	Common Code
VV5QC41-04C12FSEAN-X132	VQC4000 Manifold with EX260-SEN1-X194 EtherNet I/P module, 4 Stations, and 12mm One touch Fittings	30055	051008DF

VV5QC41-08C12FSEAN-X132	VQC4000 Manifold with EX260-SEN1-X194 EtherNet I/P module, 8 Stations, and 12mm One touch Fittings	30056	051008DH
VV5QC41-12C12FSEAN-X132	VQC4000 Manifold with EX260-SEN1-X194 EtherNet I/P module, 12 Stations, and 12mm One touch Fittings	30057	051008DK
VV5QC41-0403FSEAN-X132	VQC4000 Manifold with EX260-SEN1-X194 EtherNet I/P module, 4 Stations, and 3/8" G ports	30075	051008DA
VV5QC41-0803FSEAN-X132	VQC4000 Manifold with EX260-SEN1-X194 EtherNet I/P module, 8 Stations, and 3/8" G ports	30076	051008DG
VV5QC41-1203FSEAN-X132	VQC4000 Manifold with EX260-SEN1-X194 EtherNet I/P module, 12 Stations, and 3/8" G ports	30077	051008DJ

VQC4000, DISCRETE INPUT VALVE SUB-PLATE WITH M12 CONNECTOR, VQC4000 SERIES

 <i>*Representative Image</i>	Documentation  -X72  -DAK00314 Standard product configurator/catalog/CAD:		
	Discrete Input Valve Sub-Plate with M12 Connector		
SMC Part Number	Description	GCCL #	Common Code
VV5QC41-02C16F-X72	VQC4000 Manifold with 2 Stations, A and B Port, 16 mm One touch Fittings, Discrete Wired with 4 Pin Connectors	30010	051006MJ
VV5QC41-03C16F-X72	VQC4000 Manifold with 3 Stations, A and B Port, 16 mm One touch Fittings, Discrete Wired with 4 Pin Connectors	30011	051006MK
VV5QC41-04C16F-X72	VQC4000 Manifold with 4 Stations, A and B Port, 16 mm One touch Fittings, Discrete Wired with 4 Pin Connectors	30012	051006ML
VV5QC41-02C12F-X72	VQC4000 Manifold with 2 Stations, A and B Port, 12 mm One touch Fittings, Discrete Wired with 4 Pin Connectors	30015	0510072H
VV5QC41-03C12F-X72	VQC4000 Manifold with 3 Stations, A and B Port, 12 mm One touch Fittings, Discrete Wired with 4 Pin Connectors	30016	0510072J
VV5QC41-04C12F-X72	VQC4000 Manifold with 4 Stations, A and B Port, 12 mm One touch Fittings, Discrete Wired with 4 Pin Connectors	30017	0510072K
VV5QC41-02C10F-X72	VQC4000 Manifold with 2 Stations, A and B Port, 10 mm One touch Fittings, Discrete Wired with 4 Pin Connectors	30020	
VV5QC41-03C10F-X72	VQC4000 Manifold with 3 Stations, A and B Port, 10 mm One touch Fittings, Discrete Wired with 4 Pin Connectors	30021	
VV5QC41-04C10F-X72	VQC4000 Manifold with 4 Stations, A and B Port, 10 mm One touch Fittings, Discrete Wired with 4 Pin Connectors	30022	
VQC4000-PW-03f-FX530	Valve, Base, Single, Sub-Base VQC4000, with C4 Pin Connector	30200	0815-0042

VQC4000, VALVES VQC4000 SERIES

 <i>*Representative Image</i>	Documentation  -X60 Standard product configurator/catalog/CAD:		
VCQ4000 Valves			
SMC Part Number	Description	GCCL #	Common Code
VQC4301-51-X60	Valve, Three Pos., Closed Center, VQC4000, Detented to A Side Only	32240	0889-0TA6
VQC4101-51	Valve, 2 Pos., Single Solenoid Spring Return, 24 VDC VQC4000	30106	08890P9F
VQC4201-51	Valve, 2 Pos., Double Solenoid, 24 VDC VQC4000	30107	08890P9G
VQC4301-51	Valve, 3 Pos., Closed Center, Double Solenoid, 24 VDC VQC4000	30108	08891GWL
VQC4401-51	Valve, VQC4000 3 Pos., Exhaust Center, Double Solenoid, 24 VDC	30109	08890P9J
VQC4501-51	Valve, VQC4000 3 Pos., Pressure Center, Double Solenoid, 24 VDC	30110	08890P9K
VQC4101R-51	Valve, 2 Pos., Single Solenoid Spring Return, External Pilot, 24 VDC VQC4000	32224	08890MGG

VQC4000, ACCESSORIES VQC4000 SERIES

 <i>*Representative Image</i>	Documentation  Accessories & how to order  Valve specs Standard product configurator/catalog/CAD:		
Accessories			
SMC Part Number	Description	GCCL #	Common Code
VVQ4000-50B-C12-X1	Valve Manifold Fitting Cassette for VQC4000, 12mm	30060	0207GGC0
VVQ4000-50B-C16-X1	Valve Manifold Fitting Cassette for VQC4000, 16mm	30061	0207GGC1
VVQ4000-25A-1	Manifold, Pilot Operated Check Spacer, VQC4000	30205	0762660N
VVQC4000-1A-D-03F	Manifold, Block VQC4000 with 3/8 Inch - G Thread A & B Side Ports	31150	051006JV
VVQC4000-3A-2F-X45	Manifold, D- Side End Plate VQC4000, with 3/4 Inch - G Thread Exhaust Port and 1/2 in G Pressure Port	31151	0607DCMP
VVQC4000-2A-1F	Manifold, U-Side End Plate VQC4000 with 3/4 Inch - G Thread Exhaust Port and 1/2 Inch G Pressure Port	31152	0607DALN

VVQC4000-1A-D-C16-X5	Manifold, Block VQC4000 with 16mm One touch Fittings Built into A & B Side Ports	31153	051006MR
VVQ4000-10A-1	Manifold, Blank Plate VQC4000	31200	0607DALH
VVQ4000-P-1-03F	Manifold, Supply Spacer VQC4000	31201	076265HY
VVQ4000-R-1-03F	Manifold, Exhaust Spacer VQC4000	31202	076265J0
VVQ4000-16A	Manifold, Gallery Blocking Disc, Galleries 1, 3, and 5, VQC4000	31203	02664C8P
VVQ4000-20A-1	Manifold, Sandwich Speed Control VQC4000	31204	076265J1
ARBQ4000-00-P-1	Manifold, Single Sandwich Regulator, P Port Regulated, VQC4000	31205	065734MA
ARBQ4000-00-A-1	Manifold, Single Sandwich Regulator, A Port Regulated, VQC4000	31206	065734MF
ARBQ4000-00-B-1	Manifold, Single Sandwich Regulator, B Port Regulated, VQC4000	31207	065734MG

VQC5000, VQC5000 SERIES

 <i>*Representative Image</i>	Documentation  -DAK00315  -X3  VQC5 how to order Specs & Accessories  Standard product configurator/catalog/CAD:		
	Manifolds		
SMC Part Number	Description	GCCL #	Common Code
VV5QC51-0204F-X3	VQC5000 Manifold with 2 Stations, and 4 Pin Connectors	30202	051006TF
VV5QC51-0304F-X3	VQC5000 Manifold with 3 Stations, and 4 Pin Connectors	30203	051006TG
VV5QC51-0404F-X3	VQC5000 Manifold with 4 Stations, and 4 Pin Connectors	30204	051006TH
VQC5000-PW-04F-FX530	Valve, Base, Single, Sub-Base VQC5000, with C4 Pin Connector	30201	0815001W
Valves			
VQC5101-51	Valve, 2 Position, Single Solenoid Spring Return, 24 VDC, VQC5000	30100	08890P95
VQC5101R-51	Valve, 2 Position, Single Solenoid Spring Return, External Pilot, 24 VDC VQC5000	30101	08890P96
VQC5201-51	Valve, 2 Position, Double Solenoid, 24 VDC VQC5000	30102	08890P97
VQC5301-51	Valve, 3 Position, Closed Center, Double Solenoid, 24 VDC VQC5000	30104	08890P99
VQC5401-51	Valve, 3 Position, Exhaust Center, Double Solenoid, 24 VDC VQC5000	30103	08891K3T

VQC5501-51	Valve, 3 Position, Pressure Center, Double Solenoid, 24 VDC VQC5000	30105	08891TN7
Accessories			
ARBQ5000-00-P-1	Manifold, Single Sandwich Regulator, P Port Regulated, VQC5000	31215	065734MH
ARBQ5000-00-A-1	Manifold, Single Sandwich Regulator, A Port Regulated, VQC5000	31216	065734MJ
ARBQ5000-00-B-1	Manifold, Single Sandwich Regulator, B Port Regulated, VQC5000	31217	065734MK

VQC2000, MANIFOLD WITH DEVICENET VQC2000 SERIES

 <i>*Representative Image</i>	Documentation  -X52 Standard product configurator/catalog/CAD:		
	SMC Part Number	Description	GCCL # Common Code
VV5QC21-05C8SDQN0-S-X52	VQC2000 Manifold with EX250-SDN1-X122, 5 Stations, and 8mm One touch Fittings with Built in Silencer	31100	051006MM

VQC2000, MANIFOLD WITH ETHERNET IP VQC2000 SERIES

 <i>*Representative Image</i>	Documentation  -X3029V Standard product configurator/catalog/CAD:		
	SMC Part Number	Description	GCCL # Common Code
VV5QC21-05C8SEAN0-S-X3029V	VQC2000 Manifold with EX260-SEN1-X194 EtherNet I/P module, 5 Stations, and 8mm One touch Fittings with Built in Silencer	31110	051008D7

VQC2000, VALVES VQC2000 SERIES

 <i>*Representative Image</i>	Documentation  VQC2 how to order Standard product configurator/catalog/CAD:		
	SMC Part Number	Description	GCCL # Common Code

VQC2101N-51	VQC2000, Two Position Single Solenoid, Spring Return Valve	31010	08890L2A
VQC2201N-51	Valve, Two Position, Double Solenoid, VQC2000	31000	08890JN4
VQC2301N-51	VQC2000, Three Position Closed Center Valve	31011	08890VPL
VQC2301N-51-X60	Valve, Three Position, Closed Center, VQC2000, Detented to A Side Only	31001	088911TA
VQC2401N-51	VQC2000, Three Position Exhaust Center Valve	31012	08890MA1
VQC2501N-51	VQC2000, Three Position Pressure Center Valve	31013	08890RFK

VQC2000, ACCESSORIES VQC2000 SERIES

 <i>*Representative Image</i>	Documentation  VQC2 how to order Standard product configurator/catalog/CAD:		
	SMC Part Number	Description	GCCL #
			Common Code
	VVQ2000-10A-1	Blanking Plate, VQC2000	31002
	VVQ2000-16A	VQC2000 Blocking Disk for P Gallery	31019
	VVQ2000-F-LC8	VQC2000 90 Degree, Push in Fitting	31018
	VVQ4000-50B-03F	VQC2000 Brass P Port Fitting. 3/8 Inch G Female	31017
	VVQC1000-M26-1	Valve Manifold Multi-connector Interface	31020
	VVQC2000-1A-D-C8	VQC2000 Valve Manifold Block	31015
	VVQC2000-2A-1-C0-S	VQC2000 End Plate U Side	31016
	VVQC2000-3A-1-CP-S	VQC2000 End Plate D side	31014
			0607D8WL
			0607D9K7
			0294A414
			0207GCH6
			0207GCHL
			051006M6
			0607DKRW
			0607F9N3

BODY PORTED VALVES, VFS SERIES

 <i>*Representative Image</i>	Documentation  VFS specs & how to order  -DDM00066 Standard product configurator/catalog/CAD:		
	SMC Part Number	Description	GCCL #
			Common Code
	VFS3130-5DZ-02F	Valve, Spring Return Line Mount, 5 Port, 1/4 Inch G Thread, 24 VDC, Sol Activated, 2 Pos. Spring Return, Cv=1.1	32203
			08890PAH

VFS3130-5DZ-03F	Valve, 2 Pos. Spring Return, 5 Port, 4 Way, 3/8 Inch G Thread, 24 VDC Solenoid Activated, Cv=1.4	32205	08890PAK
VFS3230-5DZ-03F	Valve, 2 Pos. Detented 5 Port, 4-Way, 3/8 Inch G Thread, 24 VDC Solenoid Activated, Cv=1.4	32206	08890PAL
VFS3330-5DZ-03F	Valve, 3 Pos. Blocked Center, 5 Port, 4 Way, 3/8 Inch G Thread, Solenoid Activated, 24 VDC, Mounted on Base, Cv=1.7	32204	08890PAJ
VQ21A1-DDM00066	Tip Dress Blow-Off 2 Port 24 VDC with 4 Pin Connector	31224	08890WYR

AIR OPERATED VALVES, VARIES SERIES

 <i>*Representative Image</i>	Documentation  SYJA specs & how to order  VFA5 specs & how to order Standard product configurator/catalog/CAD:		
SMC Part Number	Description	GCCL #	Common Code
SYA3120-M5	Valve, 2 Position Spring Return, 5 Port, 4 Way, M5 Thread, Air Pilot Activated, Cv=0.16	32232	08890T90
SYA3220-M5	Valve, 2 Position Detented, 5 Port, 4-Way, M5 Thread, Air Pilot Activated, Cv=0.16	32230	08890T8T
SYJA512-M5	Valve, 2 Position 3 Port, 4 Way, M5 Thread, Air Pilot Activated, Cv=0.14	32226	08890T8V
SYJA5140-01F	Valve, 2 Position Spring Return, 5 Port, 4 Way, 1/8 Inch G Thread, Air Pilot Activated, Cv=0.19	32231	08890T91
SYJA522-M5	Valve, 2 Position Detented, 5 Port, 4 Way, M5 Thread, Air Pilot Activated, Cv=0.18	32229	08890T8W
SYJA5240-01F	Valve, 2 Position Detented, 5 Port, 4 Way, 1/8 Inch G Thread, Air Pilot Activated, Cv=0.19	32227	08890T8X
SYJA712-01F	Valve, 2 Position 3 Port, 4 Way, 1/8 Inch G Thread, Air Pilot Activated, Cv=0.77	32225	08890T92
SYJA722-01F	Valve, 2 Pos. Detented, 5 Port, 4 Way, 1/8 Inch G Thread, Air Pilot Activated, Cv=0.72	32228	08890T8Y
VFA5120-02F	Valve, 2 Pos. Spring Return, 5 Port, 4 Way, 1/4 Inch G Thread, Air Pilot Activated, Cv=1.9	32207	08890PAM
VFA5120-03F	Valve, 2 Pos. Spring Return, 5 Port, 4 Way, 3/8 Inch G Thread, Air Pilot Activated, Cv=2.4	32211	08890PAT
VFA5144-03F	Valve, Air Piloted, 2 Position Single Solenoid Spring Return, Base Mounted, 3/8 Inch Port, G Thread	32248	08890WVX
VFA5220-02F	Valve, 2 Pos. Detented, 5 Port, 4-Way, 1/4 Inch G Thread, Air Pilot Activated, Cv=1.9	32208	08890PAN
VFA5220-03F	Valve, 2 Pos. Detented, 5 Port, 4-Way, 3/8 Inch G Thread, Air Pilot Activated, Manual Override, Cv=2.4	32212	08890PAV

VFA5244-03F	Valve, Air Piloted, 2 Position Double Solenoid Detented, Base Mounted, 3/8 Inch Port, G Thread	32249	08890WVY
VFA5320-03F-P	Valve, Air Piloted, 3 Position Closed Center, Body Ported, 3/8 Inch Port, G Thread	32246	08890WJH
VFA5344-03F-P	Valve, 3 Pos. Center Ports Blocked, 5 Port, 4-Way 3/8 Inch G Thread, Air Pilot Activated, Cv=1.7	32210	08891F54
VFA5420-03F-P	Valve, 3 Pos. Center Exhaust, 5 Port, 4-Way, 3/8 Inch G Thread, Air Pilot Activated, Cv=2.2	32209	08890PAP
VFA5444-03F-P	Valve, Air Piloted, 3 Position Exhaust Center, Base Mounted, 3/8 Inch Port, G Thread	32250	
VFA5520-03F-P	Valve, Air Piloted, 3 Position Center Pressure, Body Ported, 3/8 Inch Port, G Thread	32247	
VFA5544-03F-P	Valve, Air Piloted, 3 Position Center Pressure, Base Mounted, 3/8 Inch Port, G Thread	32251	

MANUAL VALVES, VARIES SERIES

 <i>*Representative Image</i>	Documentation  Manual specs & how to order Standard product configurator/catalog/CAD:		
	SMC Part Number	Description	GCCL # Common Code
VM830-F01-13	Valve, Manual With Adjustable Roller Lever, 3 Port, 1/8 Inch G Thread, Cv=0.33	32266	0889-0VCR
EVM430-F01-00	Valve, Manual (without Actuator), 3 Port, 1/8 Inch G Thread, Cv=0.38	32201	08890PAF
VH200-F02	Valve, Manual, 3 Position, Closed Center, 4 Port, 1/4 Inch G Thread	32239	08890TA1
VH202-F02	Valve, Manual, 2 Position 4 Port, 1/4 Inch G Thread	32237	08890TA3
VH400-F04	Valve, Manual, 3 Position, Closed Center, 4 Port, 1/2 Inch G Thread	32238	08890TA4
VM130-F01-00A	Valve, Manual (without Actuator), 3 Port, 1/8 Inch G Thread, Cv=0.14	32202	
VM130-F01-30GA	Valve, Manual with Green Mushroom Push Button, 3 Port, 1/8 Inch G Thread, Cv=0.14	32233	08891DC6
VM131-F01-01SA	Valve, Manual with Roller Lever, 3 Port, 1/8 Inch G Thread, Cv=0.14	32235	088918LL
VM131-F01-35BA	Valve, 3 Pos. Selector, Black 1/8 Inch G Thread	32215	08891T3N
VM131-F01-35GA	Valve, 3 Pos. Selector, Green 1/8 Inch G Thread	32214	
VM131-F01-35RA	Valve, 3 Pos. Selector, Red, 1/8 Inch G Thread	32213	
VM430-F01-30B	Valve, Pushbutton, Mushroom, 3 Port, Black 1/8 Inch G Thread	32216	08890PC0

VM430-F01-34B	Valve, Manual Selector, 3 Port, Black 1/8 Inch G Thread	32219	08890PC2
VM430-F01-34R	Valve, Manual Selector, 3 Port, Red 1/8 Inch G Thread	32218	08890PC3
VM830-F01-00	Valve, Manual without Roller Lever, 3 Port, 1/8 Inch G Thread, Cv=0.33	32236	08890TC4
VM830-F01-14	Valve, Manual with Adjustable Roller Lever, 3 Port, 1/8 Inch G Thread, Cv=0.33	32234	08890TC5
VZM450-F01-00	Pneumatic Valve without Operator	32256	08890WW2
VZM450-F01-01S	Pneumatic Limit Valve, with Roller Lever Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-01CS	32254	08890WW3
VZM450-F01-02S	Pneumatic Limit Valve, with One Way Roller Lever Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-02CS	32255	08890WW6
VZM450-F01-05	Pneumatic Limit Valve, with Straight Plunger Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-05C	32252	
VZM450-F01-06S	Pneumatic Limit Valve, with Roller Plunger Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-06CS	32253	08890WW5
VZM450-F01-30R	Pneumatic Push Button Valve, with Red Mushroom Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-30CR	32257	08890WW7
VZM450-F01-30Y	Pneumatic Push Button Valve, with Yellow Mushroom Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-30CY	32258	08890WW8
VZM450-F01-32B	Pneumatic Push Button Valve, with Black Extended Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-32CB	32259	08890WW9
VZM450-F01-32G	Pneumatic Push Button Valve, with Green Extended Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-32CG	32260	08890WWA
VZM450-F01-34B	Pneumatic Push Button Valve, with Black Twist Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-34CB	32262	08890WWG
VZM450-F01-34G	Pneumatic Push Button Valve, with Green Twist Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-34CG	32263	08890WWH
VZM450-F01-34R	Pneumatic Push Button Valve, with Red Twist Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-34CR	32261	08890WWF
VZM450-F01-34Y	Pneumatic Push Button Valve, with Yellow Twist Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-34CY	32264	08890X0M
VZM450-F01-36	Pneumatic Push Button Valve, with Key Selector Actuator, 1/8 G Thread, Replacement Actuator Part Number VM-36C	32265	08890WWJ
VZM550-F01-30B	Valve, Pushbutton, Mushroom, 5 Port 1/8 Inch G Thread	32217	08890PC1
VZM550-F01-34B	Valve, Manual Selector, 5 Port, Black 1/8 Inch G Thread	32220	08890PC4

SHUTTLE AND RELAY VALVES, VR SERIES

 <i>*Representative Image</i>	Documentation  VR specs & how to order Standard product configurator/catalog/CAD:		
SMC Part Number	Description	GCCL #	Common Code
VR3100-01G	Pneumatic Indicator, Green, 1/8 Inch PT Male Thread	31404	043115WA
VR3100-01R	Pneumatic Indicator Red	31405	043115RA
VR3100-01O	Pneumatic Indicator orange	31406	043115R9
VR4152-F01A-1	Valve, Relay, 2 Pos., 5 Port, Double Air Pilot 1/8 Inch G Thread	32221	08890PKK
VR1220-F02	Valve, or, Shuttle, 1/4 Inch G Thread	32222	08890PC6
VR4151-F01B-1	Valve, Relay, 2 Pos., Spring Offset 1/8 Inch G Thread	32223	08890PC7
VR2110-F01	Valve, Time Delay, 1/8 Inch G	32241	08890TAM
VR1211F-04	Valve, and with Push in Fitting for 4 mm Tube	32242	08890TAL
VR1211F-06	Valve, and with Push in Fitting for 6 mm Tube	32243	08890TAK
VR1210F-04	Valve, or, shuttle with Push in Fitting for 4 mm Tube	32244	08890KTR
VR1210F-06	Valve, or, Shuttle with Push in Fitting for 6 mm Tube	32245	08890TAJ

SENSORS AND INSTRUMENTATION

Industrial sensors and switches, sometimes referred to as transducers, installed in the factory automation space can provide essential machine feedback. They can monitor On/Off status, confirm operation within an optimal range, or measure real time operation e.g. pressure or flow.

Industrial sensors and switches can connect to a PLC or other central controller via fieldbus or IO link to enhance troubleshooting by decreasing diagnostic time. Sensors can also become the data source for providing better predictive analytics integral to Industrial Internet of Things (IIoT) or Industry 4.0, all while potentially increasing worker safety.

SMC's pressure sensors (ISE/ZSE) will provide a setpoint-trip signal if a minimum or maximum pressure threshold is broken. The ITV Series electro-pneumatic (E/P) regulator will control air/vacuum pressure stepless in proportion to an electric signal. PF Series flow sensors will monitor flow rate of air, cooling or cleaning water.

PRESSURE SWITCH, IS SERIES

 <i>*Representative Image</i>	Documentation  PS specs & how to order  ISE70 catalog Standard product configurator/catalog/CAD:		
SMC Part Number	Description	GCCL #	Common Code
ISE70-F02-L2	Pressure Switch, IO-Link Switch Output 1 + Two Digital Outputs, 0 - 1 .0 Mpa, 1/4 Inch G female Thread	21995	0821-PH0N
IS10-01-6L	Pressure Switch, 0 - 1 .0 MPa, Two Outputs, 1/8" Inch G female Thread	21996	0821PR0Y

VACUUM

Vacuum generators and suction cups are integral to industrial automation pick and place systems as a gripping solution. Supporting products include vacuum filters, regulators, and vacuum sensors.

SMC suction cups are modular allowing for custom configuration of a multitude of sizes, shapes, materials, and mounting adapters. Options include non-marking types, FDA compliant, various cup shapes, ball-joint connections, and buffers to ensure a perfect fit for every application.

SMC's array of vacuum generators, also referred to as ejectors, have variations that include single ejector unit, manifold, inline, and generator/cup in one.

VACUUM

 <i>*Representative Image</i>	Documentation  ZH, How to Order Link to Vacuum Cups on SMCusa.com Standard product configurator/catalog/CAD:		
SMC Part Number	Description	GCCL #	Common Code
ZFC74-B	Vacuum, Air Suction Filter, with Push On Fittings for 6 mm Tube, with Bracket	31451	03397JPR
ZH15DSA-08-10-10	Vacuum Ejector. Body Ported, with Push In Fittings for Tube. 8 mm Supply, 10 mm Vacuum Port, 10 mm Exhaust	31559	0293016P
ZH18DSA-10-12-12	Vacuum Ejector. Body ported, with Push In Fittings for Tube. 10 mm Supply, 12 mm Vacuum Port, 12 mm Exhaust	31551	0293016R
ZPT100HBN-A16	Vacuum Pad, 100 mm Diameter, M16 x 1.5 Port, NBR	31552	024121DP
ZPT125HBN-A16	Vacuum Pad, 125 mm Diameter, M16 x 1.5 Port, NBR	31553	024121DY
ZPT16BN-B5	Vacuum Pad, 16 mm Diameter, Bellows, M5 x 0.8 Port, NBR	31554	024121F0
ZPT32BN-B5	Vacuum Pad, 32 mm Diameter, Bellows, M5 x 0.8 Port, NBR	31555	024121F1
ZPT40HBN-A14	Vacuum Pad, 40 mm Diameter, Bellows, M14 x 1 Port, NBR	31556	024121F2
ZPT50HBN-A14	Vacuum Pad, 50 mm Diameter, Bellows, M14 x 1 Port, NBR	31557	024121F3
ZPT80HBN-A16	Vacuum Pad, 80 mm Diameter, Bellows, M16 x 1.5 Port, NBR	31558	0241214X

FLOW CONTROLS AND CONNECTORS

Speed controllers have capability to adjust flow to applications with built-in options of integrated check valves, meter-in/meter-out dual flow control, accurate flow indicators and more. Tamper-proof abilities also ensure protected speed measures to the application.

AIR CONTROLS, VARIES

 <i>*Representative Image</i>	Documentation				
	 Air Control specs & how to order	 -X440	 -X352	 -X223	 EAVA5000-F06
	Standard product configurator/catalog/CAD:				
SMC Part Number	Description	GCCL #	Common Code		
AS800-F12	Flow Control, Inline Type 1 1/4 Inch - G Female Thread Both Ends	31286	08890P9P		
AK2000-F01	Valve, Check 1/8 Inch - G Thread	31363	08890P9Y		
AK2000-F02	Valve, Check 1/4 Inch - G Thread	31364	08890K06		
AK4000-F03	Valve, Check 3/8 Inch - G Thread	31365	08890K5W		
AK4000-F04	Valve, Check 1/2 Inch - G Thread	31360	08890PA0		
AK6000-F06	Valve, Check 3/4 Inch - G Thread	31361	08890LGM		
AK6000-F10	Valve, Check 1 Inch - G Thread	31362	08890LGN		
AKH08-00	Check Valve with One touch Fitting for 8 mm Tubing	31366	08890MAL		
AKH10-00	Check Valve with One touch Fitting for 10 mm Tubing	31368	08890T8L		
AQ2000-F01	Valve, Quick Exhaust, Diaphragm TYP, 1/8 Inch - G Thread	31343	08890P9V		
AQ3000-F02	Valve, Quick Exhaust, Diaphragm TYP, 1/4 Inch - G Thread	31344	08890P9W		
AQ3000-F03	Valve, Quick Exhaust, Diaphragm TYP, 3/8 Inch - G Thread	31340	08890NGA		
AQ5000-F04	Valve, Quick Exhaust, Diaphragm TYP, 1/2 Inch - G Thread	31341	08890KNP		
AQ5000-F06	Valve, Quick Exhaust, Diaphragm TYP, 3/4 Inch - G Thread	31342	08890P9X		
AS2000-F01	Flow Control, Inline Type 1/8 Inch - G Female Thread Both Ends	31281	08890KNR		
AS3000-F02	Flow Control, Inline Type 1/4 Inch - G Female Thread Both Ends	31282	08890KNT		
AS3000-F03	Flow Control, Inline Type 3/8 Inch - G Female Thread Both Ends	31283	08890K62		
AS4000-F04	Flow Control, Inline Type 1/2 Inch - G Female Thread Both Ends	31280	08890K64		
AS500-F06	Flow Control, Inline Type 3/4 Inch - G Female Thread Both Ends	31284	08890LK7		
AS600-F10	Flow Control, Inline Type 1 Inch - G Female Thread Both Ends	31285	08890P9N		
AS900-F14	Flow Control, Inline Type 1-1/2 Inch - G Female Thread Both Ends	31287	08890RL7		

AS900-F20	Flow Control, Inline Type 2 Inch - G Female Thread Both Ends	31288	08890P9T
ASP430F-F02-08S	Pilot Operated Check Valve, Plus Flow Control. 1/4 Inch G Male, and One touch Fitting for 8 mm Tube. No Manual Pressure Relief. for Manual Pressure Relief Use 30311	30114	08890K04
ASP430F-U02-08-X352	Pilot Operated Check Valve, Plus Flow Control, Plus Pressure Relief. 1/4 Inch Unifit (for G, NPT, Rc ports) Male to Cylinder, 8 mm One touch Fitting to Valve, 1/4 Inch G for Pilot Air	30311	08890LVJ
ASP530F-U03-10-X352	Pilot Operated Check Valve, Plus Flow Control, Plus Pressure Relief. 3/8 Inch Unifit (for G, NPT, Rc ports) Male to Cylinder, 10 mm One touch Fitting to Valve, 3/8 Inch G for Pilot Air	30312	08890LVG
ASP630F-U04-12-X352	Pilot Operated Check Valve, Plus Flow Control, Plus Pressure Relief. 1/2 Inch Unifit (for G, NPT, Rc ports) Male to Cylinder, 12 mm One touch Fitting to Valve, 1/2 Inch G for Pilot Air	30313	08890LVH
ASP530F-F03-08S	Pilot Operated Check Valve, Plus Flow Control. 3/8 Inch G Male, and One touch Fitting for 8 mm Tube No Manual Pressure Relief. for Manual Pressure Relief Use 30312 or 30318	30115	08890T8M
ASP630F-F04-10S	Pilot Operated Check Valve, Plus Flow Control. 1/2 Inch G Male, and One touch Fitting for 10 mm Tube No Manual Pressure Relief. for Manual Pressure Relief Use 30313 or 30319	30116	08890T8N
ASS300-F03	Valve, Slow Start, Meter Out, 3/8 Inch- G Thread, (Meter-In Flow Upon Initial System Pressurization, Meter-Out Flow Thereafter)	31370	08890PA1
ASS500-F04	Valve, Slow Start, Meter Out, 1/2 Inch- G Thread, (Meter-In Flow Upon Initial System Pressurization, Meter-Out Flow Thereafter)	31371	08890PA2
ASS500-F06	Valve, Slow Start, Meter Out, 3/4 Inch - G Thread, (Meter-In Flow Upon Initial System Pressurization, Meter-Out Flow Thereafter)	31372	08890PA3
ASS600-F10	Valve, Slow Start, Meter Out, 1 Inch - G Thread, (Meter-In Flow Upon Initial System Pressurization, Meter-Out Flow Thereafter)	31373	08890PA4
AV4000-F04-5DZ-X223	3 Way Soft Start Valves, 1/2" G with DIN Adaptor and M12 Connector	31376	08890LVK
AV5000-F06-5DZ-X223	3 Way Soft Start Valves, 3/4" G with DIN Adaptor and M12 Connector	31377	088912L4
AV5000-F10-5DZ-X223	3 Way Soft Start Valves, 1" G with DIN Adaptor and M12 Connector	31378	088912TR
AVL4000-F04-A	Air Prep Accessory, Slow Start Valve, 1/2" G, Lockout Type, Spare For Air Prep Assembly, AC-A Series	31786	0889-22Y8
AVL5000-F06-A	Air Prep Accessory, Slow Start Valve, 3/4" G, Lockout Type, Spare For Air Prep Assembly, AC-A Series	31787	0889-22Y7
AVA4000-F04	Slow Start with 1/2 Inch G Ports	31374	088913TN
AVL4000-F04	Air Prep, Slow Start Valve, 1/2 Inch, Spare for Air Prep Assembly	31618	08890TC9
AVL5000-F06	Air Prep, Slow Start Valve, 3/4 Inch, Spare for Air Prep Assembly	31619	08890TCA
EAVA5000-F06	Slow Start with 3/4 Inch G Ports	31375	08890T8R
VR51-C06B	Safety, Anti Tie Down, Push On Fittings for 6 mm Tube	31367	08890TC7
WI500-06	Water Flow Indicator, 3/4 Inch PT Thread	31403	043115N6

XTO-1239-F02	Valve, Pilot Operated Check, 1/4 - G Ports, 1/4 - G Pilot Port, Operating Pressure 28.5-140 PSI	30111	08890PP4
XTO-1239-F03	Valve, Pilot Operated Check, 3/8 - G Ports, 1/4 - G Pilot Port, Operating Pressure 28.5-140 PSI	30112	08890PP5
XTO-1239-F04	Valve, Pilot Operated Check, 1/2 - G ports, 1/4 - G Pilot Port, Operating Pressure 28.5-140 PSI	30113	08890PP3

FLOW CONTROLS (ELBOW), AS SERIES

 <i>*Representative Image</i>	Documentation  Flow Control specs & how to order Standard product configurator/catalog/CAD:		
	SMC Part Number	Description	GCCL # Common Code
AS2200-G01-X396	Flow Control, 90 Deg, Meter Out, 1/8 Inch G Male and Female, Metal Body	31253	08890RK5
AS2200-G02-X396	Flow Control, 90 Deg, Meter Out, 1/4 Inch G Male and Female, Metal Body	31250	08890RK2
AS2201F-01-23SD	Flow Control, 90 Degree Elbow, Meter Out, R 1/8 Port, 3.2 O.D Tube, 1/8 Inch - 1/4 Inch Body	31258	08890WVA
AS2201F-02-04SD	Flow Control, 90 Degree Elbow, Meter Out, R 1/4 Port, 4 O.D Tube, 1/8 Inch - 1/4 Inch Body	31259	08890WVF
AS2201F-G01-06W2D	Flow Control, 90 Deg, Meter Out, 1/8 Inch G Male, 6mm Tube, Flame Resistant Composite	31225	08890RJ4
AS2201F-G01-08W2D	Flow Control, 90 Deg, Meter Out, 1/8 Inch G male, 8mm Tube, Flame Resistant Composite	31226	08890RJ5
AS2201F-G01-10W2D	Flow Control, 90 Deg, Meter Out, 1/8 Inch G Male, 10mm Tube, Flame Resistant Composite	31227	08890RJ6
AS2201F-G02-06W2D	Flow Control, 90 Deg, Meter Out, 1/4 Inch G Male, 6mm Tube, Flame Resistant Composite	31228	08891PNT
AS2201F-G02-08W2D	Flow Control, 90 Deg, Meter Out, 1/4 Inch G Male, 8mm Tube, Flame Resistant Composite	31229	08891H4R
AS2201F-G02-10W2D	Flow Control, 90 Deg, Meter Out, 1/4 Inch G Male, 10mm Tube, Flame Resistant Composite	31230	08891H4V
AS3201F-G02-12W2-X437	Flow Control, 90 Deg, Meter Out, 1/4 G male, 12mm tube, Flame Resistant Composite	31231	08890VLF
AS2210-G01-X396	Flow Control, 90 Deg, Meter In, 1/8 Inch G Male and Female, Metal Body	31257	08890RK9
AS2210-G02-X396	Flow Control, 90 Deg, Meter In, 1/4 Inch G Male and Female, Metal Body	31254	08890RK6

AS2211F-G01-06W2D	Flow Control, 90 Deg, Meter In, 1/8 Inch G Male, 6mm Tube, Flame Resistant Composite	31237	
AS2211F-G01-08W2D	Flow Control, 90 Deg, Meter In, 1/8 Inch G Male, 8mm Tube, Flame Resistant Composite	31238	08890RJM
AS2211F-G01-10W2D	Flow Control, 90 Deg, Meter In, 1/8 Inch G Male, 10mm Tube, Flame Resistant Composite	31239	
AS2211F-G02-06W2D	Flow Control, 90 Deg, Meter In, 1/4 Inch G Male, 6mm Tube, Flame Resistant Composite	31240	
AS2211F-G02-08W2D	Flow Control, 90 Deg, Meter In, 1/4 Inch G Male, 8mm Tube, Flame Resistant Composite	31241	
AS2211F-G02-10W2D	Flow Control, 90 Deg, Meter In, 1/4 Inch G Male, 10mm Tube, Flame Resistant Composite	31242	
AS2301F-01-23SD	Flow Control, Universal Elbow, Meter Out, R 1/8 Port, 3.2 O.D Tube, 1/8 Inch - 1/4 Inch Body	31263	08890WVK
AS2301F-02-04SD	Flow Control, Universal Elbow, Meter Out, R 1/4 Port, 4 O.D Tube, 1/8 Inch - 1/4 Inch Body	31264	08890WVL
AS3200-G03-X396	Flow Control, 90 Deg, Meter Out, 3/8 Inch G Male and Female, Metal Body	31251	08890RK3
AS3201F-02-06SD	Flow Control, 90 Degree Elbow, Meter Out, R 1/4 Port, 6 O.D Tube, 3/8 Inch Body	31260	08890WVG
AS3201F-03-08SD	Flow Control, 90 Degree Elbow, Meter Out, R 3/8 Port, 8 O.D Tube, 3/8 Inch Body	31261	08890WVH
AS3201F-G03-08W2D	Flow Control, 90 Deg, Meter Out, 3/8 Inch G Male, 8mm Tube, Flame Resistant Composite	31232	08891H51
AS3201F-G03-10W2D	Flow Control, 90 Deg, Meter Out, 3/8 Inch G Male, 10mm Tube, Flame Resistant Composite	31233	08891KAX
AS3201F-G03-12W2D	Flow Control, 90 Deg, Meter Out, 3/8 Inch G Male, 12mm Tube, Flame Resistant Composite	31234	08890RJH
AS3210-G03-X396	Flow Control, 90 Deg, Meter In, 3/8 Inch G Male and Female, Metal Body	31255	08890RK7
AS3211F-G03-08W2D	Flow Control, 90 Deg, Meter In, 3/8 Inch G Male, 8mm Tube, Flame Resistant Composite	31244	
AS3211F-G03-10W2D	Flow Control, 90 Deg, Meter In, 3/8 Inch G Male, 10mm Tube, Flame Resistant Composite	31245	
AS3211F-G03-12W2D	Flow Control, 90 Deg, Meter In, 3/8 Inch G Male, 12mm Tube, Flame Resistant Composite	31246	
AS3301F-02-06SD	Flow Control, Universal Elbow, Meter Out, R 1/4 Port, 6 O.D Tube, 3/8 Inch Body	31265	08890WVM
AS3301F-03-08SD	Flow Control, Universal Elbow, Meter Out, R 3/8 Port, 8 O.D Tube, 3/8 Inch Body	31266	08890WVN
AS4200-G04-X396	Flow Control, 90 Deg, Meter Out, 1/2 Inch G Male and Female, Metal Body	31252	08890RK4

AS4201F-04-10SD	Flow Control, 90 Degree Elbow, Meter Out, R 1/2 Port, 10 O.D Tube, 1/2 Inch Body	31262	08890WVJ
AS4201F-G04-10W2D	Flow Control, 90 Deg, Meter Out, 1/2 Inch G Male, 10mm Tube, Flame Resistant Composite	31235	08891VAT
AS4201F-G04-12W2D	Flow Control, 90 Deg, Meter Out, 1/2 Inch G Male, 12mm Tube, Flame Resistant Composite	31236	08891K11
AS4210-G04-X396	Flow Control, 90 Deg, Meter In, 1/2 Inch G Male and Female, Metal Body	31256	08890RK8
AS4211F-G04-10W2D	Flow Control, 90 Deg, Meter In, 1/2 Inch G Male, 10mm Tube, Flame Resistant Composite	31247	
AS4211F-G04-12W2D	Flow Control, 90 Deg, Meter In, 1/2 Inch G Male, 12mm Tube, Flame Resistant Composite	31248	
AS4301F-04-10SD	Flow Control, Universal Elbow, Meter Out, R 1/2 Port, 10 O.D Tube, 1/2 Inch Body	31267	08890WVP

TUBING

Tubing comes in a variety of material types to accommodate for various media through the connectors. Some material types include polyurethane, fluororesin, polyolefin, spark resistant, water resistant and polyethylene. Varying materials prevent corrosion, damage from high temperatures and hydrolysis.

Tubing is available in sizes of 1/8", 5/32", 3/16", 1/4", 5/16", 3/8" and 1/2". Metric tubing sizes of 3.2, 4, 6, 8, 10, 12 and 16 mm are also available.

Per GCCL 32854: All Tubing Shall be SMC

Weld Areas Should Utilize TRS or TRBU Series

General Assembly and Paint Areas Should Utilize TU Series

WELD RESISTANT TUBING, VARIES

 <i>*Representative Image</i>	Documentation  TRBU-  TRS- Standard product configurator/catalog/CAD:		
SMC Part Number	Description	GCCL #	Common Code
TRBU0604BU-20	Tubing, double layer polyurethane, flame resistant, 6mm, blue, 20m		08805960
TRBU0604BU-100	Tubing, double layer polyurethane, flame resistant, 6mm, blue, 100m		
TRBU0604W-20	Tubing, double layer polyurethane, flame resistant, 6mm, white, 20m		08805963
TRBU0604W-100	Tubing, double layer polyurethane, flame resistant, 6mm, white, 100m		
TRBU0604R-20	Tubing, double layer polyurethane, flame resistant, 6mm, red, 20m		08805962
TRBU0604R-100	Tubing, double layer polyurethane, flame resistant, 6mm, red, 100m		
TRBU0604G-20	Tubing, double layer polyurethane, flame resistant, 6mm, green, 20m		08805961
TRBU0604G-100	Tubing, double layer polyurethane, flame resistant, 6mm, green, 100m		
TRBU0805BU-20	Tubing, double layer polyurethane, flame resistant, 8mm, blue, 20m		08805938
TRBU0805BU-100	Tubing, double layer polyurethane, flame resistant, 8mm, blue, 100m		
TRBU0805W-20	Tubing, double layer polyurethane, flame resistant, 8mm, white, 20m		08805967
TRBU0805W-100	Tubing, double layer polyurethane, flame resistant, 8mm, white, 100m		
TRBU0805G-20	Tubing, double layer polyurethane, flame resistant, 8mm, green, 20m		08805AT4
TRBU0805G-100	Tubing, double layer polyurethane, flame resistant, 8mm, green, 100m		
TRBU0805R-20	Tubing, double layer polyurethane, flame resistant, 8mm, red, 20m		08805966

TRBU0805R-100	Tubing, double layer polyurethane, flame resistant, 8mm, red, 100m		
TRBU1065BU-20	Tubing, double layer polyurethane, flame resistant, 10mm, blue 20m		0880596A
TRBU1065BU-100	Tubing, double layer polyurethane, flame resistant, 10mm, blue 100m		0880593W
TRBU1065W-20	Tubing, double layer polyurethane, flame resistant, 10mm, white, 20m		0880596H
TRBU1065W-100	Tubing, double layer polyurethane, flame resistant, 10mm, white, 100m		0880593X
TRBU1065G-20	Tubing, double layer polyurethane, flame resistant, 10mm, green, 20m		0880596F
TRBU1065G-100	Tubing, double layer polyurethane, flame resistant, 10mm, green, 100m		
TRBU1065R-20	Tubing, double layer polyurethane, flame resistant, 10mm, red, 20m		0880596G
TRBU1065R-100	Tubing, double layer polyurethane, flame resistant, 10mm, red, 100m		
TRBU1208BU-20	Tubing, double layer polyurethane, flame resistant, 12mm, blue 20m		0880596L
TRBU1208BU-100	Tubing, double layer polyurethane, flame resistant, 12mm, blue 100m		088059R5
TRBU1208W-20	Tubing, double layer polyurethane, flame resistant, 12mm, white, 20m		0880596P
TRBU1208W-100	Tubing, double layer polyurethane, flame resistant, 12mm, white, 100m		
TRBU1208G-20	Tubing, double layer polyurethane, flame resistant, 12mm, green, 20m		0880596M
TRBU1208G-100	Tubing, double layer polyurethane, flame resistant, 12mm, green, 100m		
TRBU1208R-20	Tubing, double layer polyurethane, flame resistant, 12mm, red, 20m		0880596N
TRBU1208R-100	Tubing, double layer polyurethane, flame resistant, 12mm, red, 100m		
IN-241-2300BU	Tubing, soft nylon, flame resistant, 16mm, blue, 100m		088058F4
IN-241-2300W	Tubing, soft nylon, flame resistant, 16mm, white, 100m		088058F9
IN-241-2300G	Tubing, soft nylon, flame resistant, 16mm, green, 100m		088058FP
IN-241-2300R	Tubing, soft nylon, flame resistant, 16mm, red, 100m		088058FJ
TKS-08	Tubing, Double Layer Skiving tool, 8mm		1129018N
TKS-10	Tubing, Double Layer Skiving tool, 10mm		1129026F
TKS-12	Tubing, Double Layer Skiving tool, 12mm		112902GP
KR-06C-X1807	Weld spatter cover for 6mm tube, PVC		
KR-08C-X1807	Weld spatter cover for 8mm tube PVC		0227-6RNR

KR-10C-X1807	Weld spatter cover for 10mm tube PVC		
KR-12C-X1807	Weld spatter cover for 12mm tube PVC		
KR-16C-X232	Weld spatter cover for 16mm tube PVC		02276853
KR-06C	Weld spatter cover for 6mm tube, RUBBER		022766WT
KR-08C	Weld spatter cover for 8mm tube RUBBER		022765M8
KR-10C	Weld spatter cover for 10mm tube RUBBER		02276A54
KR-12C	Weld spatter cover for 12mm tube RUBBER		022768TH
TRS0603BU-20	Tubing, soft nylon, flame resistant, 6mm, blue, 20m		088058F0
TRS0603R-20	Tubing, soft nylon, flame resistant, 6mm, red, 20m		088058FA
TRS0603W-20	Tubing, soft nylon, flame resistant, 6mm, white, 20m		088058F5
TRS0603G-20	Tubing, soft nylon, flame resistant, 6mm, green, 20m		088058FK
TRS0805BU-20	Tubing, soft nylon, flame resistant, 8mm, blue, 20m		088058F1
TRS0805G-20	Tubing, soft nylon, flame resistant, 8mm, green, 20m		088058FL
TRS0805R-20	Tubing, soft nylon, flame resistant, 8mm, red, 20m		088058FF
TRS0805W-20	Tubing, soft nylon, flame resistant, 8mm, white, 20m		088058F6
TRS1065BU-20	Tubing, soft nylon, flame resistant, 10mm, blue 20m		088058F2
TRS1065G-20	Tubing, soft nylon, flame resistant, 10mm, green, 20m		088058FM
TRS1065R-20	Tubing, soft nylon, flame resistant, 10mm, red, 20m		088058FG
TRS1065W-20	Tubing, soft nylon, flame resistant, 10mm, white, 20m		088058F7
TRS1208BU-20	Tubing, soft nylon, flame resistant, 12mm, blue, 20m		088058F3
TRS1208G-20	Tubing, soft nylon, flame resistant, 12mm, green, 20m		088058FN
TRS1208R-20	Tubing, soft nylon, flame resistant, 12mm, red, 20m		088058FH
TRS1208W-20	Tubing, soft nylon, flame resistant, 12mm, white, 20m		088058F8
TRS0603BU-100	Tubing, soft nylon, flame resistant, 6mm, blue, 100m		088058K0
TRS0603G-100	Tubing, soft nylon, flame resistant, 6mm, green, 100m		088058K1
TRS0603R-100	Tubing, soft nylon, flame resistant, 6mm, red, 100m		088058K2
TRS0603W-100	Tubing, soft nylon, flame resistant, 6mm, white, 100m		088059TL
TRS0805BU-100	Tubing, soft nylon, flame resistant, 8mm, blue, 100		088058K4
TRS0805G-100	Tubing, soft nylon, flame resistant, 8mm, green, 100m		088058K5
TRS0805R-100	Tubing, soft nylon, flame resistant, 8mm, red, 100m		088058K6

TRS0805W-100	Tubing, soft nylon, flame resistant, 8mm, white, 100m		088058K7
TRS1065BU-100	Tubing, soft nylon, flame resistant, 10mm, blue, 100m		088058K8
TRS1065G-100	Tubing, soft nylon, flame resistant, 10mm, green, 100m		088058K9
TRS1065R-100	Tubing, soft nylon, flame resistant, 10mm, red, 100m		088058KA
TRS1065W-100	Tubing, soft nylon, flame resistant, 10mm, white, 100m		088059TM
TRS1208BU-100	Tubing, soft nylon, flame resistant, 12mm, blue, 100m		088058KG
TRS1208G-100	Tubing, soft nylon, flame resistant, 12mm, green, 100m		088058KH
TRS1208R-100	Tubing, soft nylon, flame resistant, 12mm, red, 100m		088058KJ
TRS1208W-100	Tubing, soft nylon, flame resistant, 12mm, white, 100m		088058KK
IN-241-2300BU	Tubing, soft nylon, flame resistant, 16mm, blue, 100m		088058F4
IN-241-2300G	Tubing, soft nylon, flame resistant, 16mm, green, 100m		088058FP
IN-241-2300R	Tubing, soft nylon, flame resistant, 16mm, red, 100m		088058FJ
IN-241-2300W	Tubing, soft nylon, flame resistant, 16mm, white, 100m		088058F9

FITTINGS

Per GCCL 32474: All Fittings to be SMC

Weld Area Requires KR Series Fittings. General Assembly and Paint Require KQ2 Series. Global Propulsion Requires KQB2 Metal Fittings.

FITTINGS

 <i>*Representative Image</i>	Documentation Link to KQ2 Configuration on SMCusa.com Standard Fittings Link to KR Configuration on SMCusa.com Flame Resistant Fittings Link to Manifold Fitting Configuration on SMCusa.com Manifold Fittings, KDM, KRM			
	Standard product configurator/catalog/CAD:			
SMC Part Number	Description	Lot Size Requirement	UOM	Common Code (GCCL)
KV-HA36-03	ADAPTER	1	EA	0207-GJHM
KQ2C04-00A	CAP	10	EA	0207-GJHN
KQ2C-04BA	CAP	10	EA	0207-GK18
KQ2C-04CBA	CAP	10	EA	0207-GHL0
KQ2C-04WA	CAP	10	EA	0207-GGKA
KQ2C-04YA	CAP	10	EA	0207-GGKF

KQ2C06-00A	CAP	10	EA	0207-GCYJ
KQ2C07-00A	CAP	10	EA	0207-GHL1
KQ2C-07BA	CAP	10	EA	0207-GGN2
KQ2C-07B-G	CAP	10	EA	0207-GGKJ
KQ2C-07GA	CAP	10	EA	0207-GHG8
KQ2C-07RA	CAP	10	EA	0207-GHL2
KQ2C-07YA	CAP	10	EA	0207-GGKK
KQ2C08-00A	CAP	10	EA	0207-GGKL
KQ2C09-00A	CAP	10	EA	0207-GGKM
KQ2C10-00A	CAP	10	EA	0294-A6HY
KQ2C11-00A	CAP	10	EA	0294-A5V4
KQ2C12-00A	CAP	10	EA	0294-A5V5
1425/SDS10-G1/2	CONNECTOR	1	EA	0294-A455
1425/SDS10-G1/4	CONNECTOR	1	EA	0294-A5V7
1425/SDS10-G3/8	CONNECTOR	1	EA	0294-A5JH
1425/SDS12-G1/2	CONNECTOR	1	EA	0294-A5V8
1425/SDS12-G1/4	CONNECTOR	1	EA	0840-58FR
1425/SDS12-G3/8	CONNECTOR	1	EA	0840-581V
1425/SDS14-G3/8	CONNECTOR	1	EA	0840-581W
1425/SDS16-G1/2	CONNECTOR	1	EA	0294-A3G2
1425/SDS6-G1/4	CONNECTOR	1	EA	0294-A3G1
1425/SDS6-G1/8	CONNECTOR	1	EA	0887-33F7
1425/SDS6-G3/8	CONNECTOR	1	EA	0887-34DT
1425/SDS8-G1/2	CONNECTOR	1	EA	0887-33TP
1425/SDS8-G1/4	CONNECTOR	1	EA	0887-34AN
1425/SDS8-G1/8	CONNECTOR	1	EA	0207-GHMA
1425/SDS8-G3/8	CONNECTOR	1	EA	0207-GHL3
KCH08-02S	CONNECTOR	10	EA	0887-34DV
KCH08-03S	CONNECTOR	10	EA	0887-34D6
KCH12-03S	CONNECTOR	10	EA	0207-GHL4

KDM10-03	CONNECTOR	1	EA	0207-GD3M
KDM10-04	CONNECTOR	1	EA	0207-GG1K
KDM10-06	CONNECTOR	1	EA	0207-GACK
KDM10-07	CONNECTOR	1	EA	0207-GD3K
KDM10-08	CONNECTOR	1	EA	0207-GC87
KDM10P-04	CONNECTOR	1	EA	0207-GC89
KDM10P-06	CONNECTOR	1	EA	0207-GC8A
KDM10P-08	CONNECTOR	1	EA	0207-GJ19
KDM10S-04	CONNECTOR	1	EA	0207-GC8F
KDM10S-06	CONNECTOR	1	EA	0207-GC8G
KDM10S-08	CONNECTOR	1	EA	0207-GJ18
KDM20-03	CONNECTOR	1	EA	0207-GGWW
KDM20-04	CONNECTOR	1	EA	0207-GGMM
KDM20-07	CONNECTOR	1	EA	0207-G7HH
KDM20P-08	CONNECTOR	1	EA	0207-GJA0
KDM20S-08	CONNECTOR	1	EA	0207-GJA1
KFH06-01	CONNECTOR	10	EA	0889-0PVJ
KFH06-02	CONNECTOR	10	EA	0889-0PHN
KFH08N-02	CONNECTOR	10	EA	0889-0PVK
KFH08U-01	CONNECTOR	10	EA	0889-0PVL
KFH08U-02	CONNECTOR	10	EA	0889-0WT6
KFH12N-03	CONNECTOR	10	EA	0889-0LVN
KFH12N-04	CONNECTOR	10	EA	0889-0LVP
KFH12U-02	CONNECTOR	10	EA	0887-33DR
KFH12U-03	CONNECTOR	10	EA	0207-GC66
KFH12U-04	CONNECTOR	10	EA	0207-GHY0
KGS10-02	CONNECTOR	2	EA	0887-33DT
KQ2E01-35A	CONNECTOR	10	EA	0207-GAPX
KQ2E03-35A	CONNECTOR	10	EA	0887-33DV
KQ2E04-01A	CONNECTOR	10	EA	0207-G9V3

KQ2E04-02A	CONNECTOR	10	EA	0207-G9V4
KQ2E05-34A	CONNECTOR	10	EA	0207-GANM
KQ2E06-01A	CONNECTOR	10	EA	0207-GADW
KQ2E06-01N	CONNECTOR	10	EA	0207-G9V5
KQ2E06-02A	CONNECTOR	10	EA	0207-GANL
KQ2E06-03A	CONNECTOR	10	EA	0207-GC67
KQ2E07-35A	CONNECTOR	10	EA	0294-A3X3
KQ2E08-02A	CONNECTOR	10	EA	0294-A4V0
KQ2E08-03A	CONNECTOR	10	EA	0294-A3X4
KQ2E09-36A	CONNECTOR	10	EA	0294-A3GW
KQ2E10-02A	CONNECTOR	10	EA	0294-A3X5
KQ2E10-03A	CONNECTOR	10	EA	0294-A3LM
KQ2E11-36A	CONNECTOR	10	EA	0294-A3LP
KQ2E12-03A	CONNECTOR	1	EA	0294-A3LL
KQ2E12-04A	CONNECTOR	1	EA	0294-A3LN
KQ2E13-37A	CONNECTOR	5	EA	0552-DHF2
KQ2F01-32N	CONNECTOR	10	EA	0331-07KK
KQ2F03-34A	CONNECTOR	10	EA	0294-A5WP
KQ2F03-35A	CONNECTOR	10	EA	0207-GANP
KQ2F06-01A	CONNECTOR	10	EA	0840-5783
KQ2F06-02A	CONNECTOR	10	EA	0225-3598
KQ2F07-34A	CONNECTOR	10	EA	0225-35F4
KQ2F07-35A	CONNECTOR	10	EA	0225-35D4
KQ2F07-36A	CONNECTOR	10	EA	0225-35F6
KQ2F08-01A	CONNECTOR	10	EA	0225-3599
KQ2F09-34A	CONNECTOR	10	EA	0225-34Y3
KQ2F09-35A	CONNECTOR	10	EA	0225-35D5
KQ2F09-36A	CONNECTOR	10	EA	0225-33XT
KQ2F10-02A	CONNECTOR	10	EA	0225-341H
KQ2F10-G03	CONNECTOR	10	EA	0225-33XV

KQ2F11-35A	CONNECTOR	10	EA	0225-33YM
KQ2F11-36A	CONNECTOR	10	EA	0225-33X3
KQ2F11-37A	CONNECTOR	10	EA	0225-34LR
KQ2F12-03A	CONNECTOR	10	EA	0225-33X6
KQ2F12-04A	CONNECTOR	10	EA	0225-35CP
KQ2F13-37A	CONNECTOR	10	EA	0225-35CT
KQ2H01-02AS	CONNECTOR	10	EA	0510-0697
KQ2H01-32A	CONNECTOR	10	EA	0510-0696
KQ2H01-33AS	CONNECTOR	10	EA	0510-06C1
KQ2H01-34AS	CONNECTOR	10	EA	0510-05LP
KQ2H01-35AS	CONNECTOR	10	EA	0510-05GA
KQ2H01-U01A	CONNECTOR	10	EA	0510-07XP
KQ2H01-U02A	CONNECTOR	10	EA	0510-06GG
KQ2H03-32A	CONNECTOR	10	EA	0510-06GF
KQ2H03-32N	CONNECTOR	10	EA	0510-05L2
KQ2H03-33AS	CONNECTOR	10	EA	0510-0673
KQ2H03-34AS	CONNECTOR	10	EA	0510-06KW
KQ2H03-34NS	CONNECTOR	10	EA	0510-07A3
KQ2H03-35AS	CONNECTOR	10	EA	0510-0698
KQ2H03-U01A	CONNECTOR	10	EA	0510-077G
KQ2H03-U01N	CONNECTOR	10	EA	0128-5GM3
KQ2H03-U02A	CONNECTOR	10	EA	0128-5FY7
KQ2H04-01AS	CONNECTOR	10	EA	0128-5FY8
KQ2H04-02AS	CONNECTOR	10	EA	0128-5FY9
KQ2H04-G01	CONNECTOR	10	EA	0128-5FYA
KQ2H04-G02	CONNECTOR	10	EA	0128-5GM4
KQ2H04-M3G	CONNECTOR	10	EA	0128-5GPA
KQ2H04-M5A	CONNECTOR	10	EA	0128-5GCJ
KQ2H04-U01A	CONNECTOR	10	EA	0128-5G28
KQ2H04-U02A	CONNECTOR	10	EA	0128-5GCK

KQ2H05-02AS	CONNECTOR	10	EA	0128-5GCL
KQ2H05-32A	CONNECTOR	10	EA	0128-5GCM
KQ2H05-34AS	CONNECTOR	10	EA	0128-5GM5
KQ2H05-35AS	CONNECTOR	10	EA	0128-5GPF
KQ2H06-01AS	CONNECTOR	10	EA	0128-5GM6
KQ2H06-02A	CONNECTOR	10	EA	0128-5GPG
KQ2H06-02AS	CONNECTOR	10	EA	0128-5GM7
KQ2H06-03AS	CONNECTOR	10	EA	0294-A5HK
KQ2H06-G01	CONNECTOR	10	EA	0887-33H1
KQ2H06-G02	CONNECTOR	10	EA	0207-G7J5
KQ2H06-G03	CONNECTOR	10	EA	0887-32T5
KQ2H06-M5A	CONNECTOR	10	EA	0207-G72X
KQ2H06-M5N	CONNECTOR	10	EA	0887-33L5
KQ2H06-M6A	CONNECTOR	10	EA	0887-346V
KQ2H06-U01A	CONNECTOR	10	EA	0207-GAMF
KQ2H06-U02A	CONNECTOR	10	EA	0207-GAMG
KQ2H06-U03A	CONNECTOR	10	EA	0887-33LV
KQ2H07-01A	CONNECTOR	10	EA	0207-G7J6
KQ2H07-01AS	CONNECTOR	10	EA	0887-33L6
KQ2H07-02AS	CONNECTOR	10	EA	0887-346W
KQ2H07-32A	CONNECTOR	10	EA	0207-GAMH
KQ2H07-32N	CONNECTOR	10	EA	0207-GAWT
KQ2H07-34AS	CONNECTOR	10	EA	0207-GAMJ
KQ2H07-34NS	CONNECTOR	10	EA	0207-GAMK
KQ2H07-35AS	CONNECTOR	10	EA	0887-32ML
KQ2H07-36A	CONNECTOR	10	EA	0887-3395
KQ2H07-36AS	CONNECTOR	10	EA	0207-G58N
KQ2H07-M5A	CONNECTOR	10	EA	0887-33HJ
KQ2H07-U01A	CONNECTOR	10	EA	0207-GHDM
KQ2H07-U01N	CONNECTOR	10	EA	0207-GHDN

KQ2H07-U02A	CONNECTOR	10	EA	0887-33DY
KQ2H07-U03A	CONNECTOR	10	EA	0207-G7J7
KQ2H08-01AS	CONNECTOR	10	EA	0887-33HK
KQ2H08-02A	CONNECTOR	10	EA	0207-GAML
KQ2H08-02AS	CONNECTOR	10	EA	0207-GAMM
KQ2H08-03AS	CONNECTOR	10	EA	0887-32MK
KQ2H08-G01	CONNECTOR	10	EA	0207-G68T
KQ2H08-G03	CONNECTOR	10	EA	0887-337L
KQ2H08-U01A	CONNECTOR	10	EA	0207-GHDP
KQ2H08-U02A	CONNECTOR	10	EA	0207-G8DL
KQ2H08-U03A	CONNECTOR	10	EA	0887-33GJ
KQ2H09-01AS	CONNECTOR	10	EA	0207-G77W
KQ2H09-02AS	CONNECTOR	10	EA	0887-33DP
KQ2H09-03AS	CONNECTOR	10	EA	0207-GFHP
KQ2H09-34AS	CONNECTOR	10	EA	0207-GFW1
KQ2H09-35AS	CONNECTOR	10	EA	0207-GD47
KQ2H09-36AS	CONNECTOR	10	EA	0207-GCN8
KQ2H09-U01A	CONNECTOR	10	EA	0207-GGLP
KQ2H09-U01N	CONNECTOR	10	EA	0207-GA6F
KQ2H09-U02A	CONNECTOR	10	EA	0207-GA4L
KQ2H09-U03A	CONNECTOR	10	EA	0207-GFW2
KQ2H10-01AS	CONNECTOR	10	EA	0207-GK2H
KQ2H10-02AS	CONNECTOR	10	EA	0207-GFXK
KQ2H10-03AS	CONNECTOR	10	EA	0207-GFXL
KQ2H10-04AS	CONNECTOR	10	EA	0207-GFXM
KQ2H10-G03	CONNECTOR	10	EA	0207-GDNM
KQ2H10-G04	CONNECTOR	10	EA	0207-GK26
KQ2H10-U01A	CONNECTOR	10	EA	0207-GD48
KQ2H10-U02A	CONNECTOR	10	EA	0207-GCYK
KQ2H10-U03A	CONNECTOR	10	EA	0207-GFW3

KQ2H10-U04A	CONNECTOR	10	EA	0207-GHAK
KQ2H11-02AS	CONNECTOR	10	EA	0207-GC8H
KQ2H11-03AS	CONNECTOR	10	EA	0207-GC82
KQ2H11-04AS	CONNECTOR	10	EA	0887-32G4
KQ2H11-34AS	CONNECTOR	10	EA	0207-GC7H
KQ2H11-35AS	CONNECTOR	10	EA	0887-346R
KQ2H11-36AS	CONNECTOR	10	EA	0887-33RR
KQ2H11-37AS	CONNECTOR	10	EA	0207-G6D6
KQ2H11-U02A	CONNECTOR	10	EA	0207-G6D7
KQ2H11-U03A	CONNECTOR	10	EA	0207-G45T
KQ2H11-U04A	CONNECTOR	10	EA	0207-G45V
KQ2H12-02AS	CONNECTOR	10	EA	0207-GCN9
KQ2H12-03AS	CONNECTOR	10	EA	0207-GHFK
KQ2H12-04AS	CONNECTOR	10	EA	0887-2901
KQ2H12-G03	CONNECTOR	10	EA	0887-346T
KQ2H12-U02A	CONNECTOR	10	EA	0887-337W
KQ2H12-U02N	CONNECTOR	10	EA	0207-G45X
KQ2H12-U03A	CONNECTOR	10	EA	0207-GD06
KQ2H12-U04A	CONNECTOR	10	EA	0207-G9XK
KQ2H13-02AS	CONNECTOR	10	EA	0207-G111
KQ2H13-03AS	CONNECTOR	10	EA	0207-GFHR
KQ2H13-04AS	CONNECTOR	10	EA	0207-G4YJ
KQ2H13-35AS	CONNECTOR	10	EA	0207-GGTY
KQ2H13-36AS	CONNECTOR	10	EA	0207-GGV4
KQ2H13-37AS	CONNECTOR	10	EA	0207-GHFL
KQ2H13-U02A	CONNECTOR	10	EA	0887-32XX
KQ2H13-U03A	CONNECTOR	10	EA	0207-G9CT
KQ2H13-U04A	CONNECTOR	10	EA	0207-GA10
KQ2H16-03AS	CONNECTOR	10	EA	0887-3396
KQ2H16-04AS	CONNECTOR	10	EA	0207-GDN6

KQ2H16-U03A	CONNECTOR	10	EA	0207-GDN7
KQ2H16-U04A	CONNECTOR	10	EA	0207-GK1X
KQ2H23-01AS	CONNECTOR	10	EA	0207-G6T7
KQ2H23-02AS	CONNECTOR	10	EA	0207-G9V8
KQ2H23-M5A	CONNECTOR	10	EA	0207-GJGK
KQ2H23-M5N	CONNECTOR	10	EA	0887-32YV
KQ2S01-32A	CONNECTOR	10	EA	0207-GC7J
KQ2S03-32A	CONNECTOR	10	EA	0887-33RT
KQ2S03-32N	CONNECTOR	10	EA	0207-GF4J
KQ2S03-33NS	CONNECTOR	10	EA	0207-G4YW
KQ2S03-34AS	CONNECTOR	10	EA	0207-G5NL
KQ2S03-34NS	CONNECTOR	10	EA	0887-32XY
KQ2S04-01AS	CONNECTOR	10	EA	0207-G9CV
KQ2S04-M5A	CONNECTOR	10	EA	0207-GJT9
KQ2S04-M6A	CONNECTOR	10	EA	0207-G8C0
KQ2S06-01AS	CONNECTOR	10	EA	0207-G8L0
KQ2S06-02A	CONNECTOR	10	EA	0887-337K
KQ2S06-02AS	CONNECTOR	10	EA	0207-GCT1
KQ2S06-M5A	CONNECTOR	10	EA	0207-GCT2
KQ2S06-M6A	CONNECTOR	10	EA	0207-GF13
KQ2S07-32A	CONNECTOR	10	EA	0207-G6T9
KQ2S07-34AS	CONNECTOR	10	EA	0207-GA94
KQ2S07-34NS	CONNECTOR	10	EA	0207-G8FH
KQ2S07-35AS	CONNECTOR	10	EA	0207-G7V0
KQ2S07-36AS	CONNECTOR	10	EA	0207-G9V9
KQ2S08-01AS	CONNECTOR	10	EA	0207-G9VA
KQ2S08-02AS	CONNECTOR	10	EA	0887-3361
KQ2S08-03AS	CONNECTOR	10	EA	0207-GF4K
KQ2S09-34AS	CONNECTOR	10	EA	0207-G9LT
KQ2S09-35AS	CONNECTOR	10	EA	0207-GC7G

KQ2S09-36AS	CONNECTOR	10	EA	0887-33WY
KQ2S10-02AS	CONNECTOR	10	EA	0887-33L2
KQ2S10-03AS	CONNECTOR	10	EA	0207-G68N
KQ2S10-04AS	CONNECTOR	10	EA	0207-GFHT
KQ2S10-U04A	CONNECTOR	10	EA	0207-D455
KQ2S11-34AS	CONNECTOR	10	EA	0207-GFH5
KQ2S11-35AS	CONNECTOR	10	EA	0207-G8TW
KQ2S11-36AS	CONNECTOR	10	EA	0207-GJY6
KQ2S11-37AS	CONNECTOR	10	EA	0207-G95A
KQ2S12-02AS	CONNECTOR	10	EA	0207-G5PT
KQ2S12-03AS	CONNECTOR	10	EA	0207-GD43
KQ2S12-04AS	CONNECTOR	10	EA	0207-GGV5
KQ2S12-U02A	CONNECTOR	10	EA	0207-GD44
KQ2S13-35AS	CONNECTOR	10	EA	0207-GGCY
KQ2S13-36AS	CONNECTOR	10	EA	0887-32Y0
KQ2S13-37AS	CONNECTOR	10	EA	0207-GA11
KQ2S16-03AS	CONNECTOR	10	EA	0207-GJTA
KQ2S16-04AS	CONNECTOR	10	EA	0207-G715
KQB2E16-G04	CONNECTOR	1	EA	0207-G9K4
KQB2F12-G03	CONNECTOR	1	EA	0887-33H3
KQB2F12-G04	CONNECTOR	1	EA	0207-GCT3
KQB2H01-N01S	CONNECTOR	1	EA	0207-GF14
KQB2H01-N02S	CONNECTOR	1	EA	0207-G9VF
KQB2H03-N01S	CONNECTOR	1	EA	0207-G9VG
KQB2H03-N02S	CONNECTOR	1	EA	0207-G95J
KQB2H04-G01	CONNECTOR	1	EA	0887-32G5
KQB2H04-G02	CONNECTOR	1	EA	0207-G8FJ
KQB2H04-M5	CONNECTOR	1	EA	0207-GFHX
KQB2H06-01S	CONNECTOR	1	EA	0207-GC7F
KQB2H06-02S	CONNECTOR	1	EA	0887-33X0

KQB2H06-03S	CONNECTOR	1	EA	0887-33X1
KQB2H06-G01	CONNECTOR	1	EA	0207-G4YH
KQB2H06-G02	CONNECTOR	1	EA	0207-G53T
KQB2H06-G03	CONNECTOR	1	EA	0207-G95F
KQB2H06-M5	CONNECTOR	1	EA	0207-GFHY
KQB2H07-N01S	CONNECTOR	1	EA	0207-GGV6
KQB2H07-N02S	CONNECTOR	1	EA	0207-GFJ0
KQB2H07-N03S	CONNECTOR	1	EA	0207-GHFM
KQB2H08-01S	CONNECTOR	1	EA	0887-335R
KQB2H08-G01	CONNECTOR	1	EA	0207-GA12
KQB2H08-G02	CONNECTOR	1	EA	0207-G9CW
KQB2H08-G03	CONNECTOR	1	EA	0207-G9K5
KQB2H09-N01S	CONNECTOR	1	EA	0207-G9RR
KQB2H09-N02S	CONNECTOR	1	EA	0887-332F
KQB2H09-N03S	CONNECTOR	1	EA	0207-GF15
KQB2H10-02S	CONNECTOR	1	EA	0207-GJWJ
KQB2H10-03S	CONNECTOR	1	EA	0207-G9VH
KQB2H10-G01	CONNECTOR	1	EA	0207-G9VJ
KQB2H10-G02	CONNECTOR	1	EA	0207-G9VK
KQB2H10-G03	CONNECTOR	1	EA	0207-GD7M
KQB2H10-G04	CONNECTOR	1	EA	0887-333T
KQB2H11-N01S	CONNECTOR	1	EA	0207-GC78
KQB2H11-N02S	CONNECTOR	1	EA	0207-GC7A
KQB2H11-N03S	CONNECTOR	1	EA	0207-GC79
KQB2H11-N04S	CONNECTOR	1	EA	0887-33HW
KQB2H12-02S	CONNECTOR	1	EA	0207-G6XR
KQB2H12-03S	CONNECTOR	1	EA	0207-G8TX
KQB2H12-04S	CONNECTOR	1	EA	0207-G95G
KQB2H12-16	CONNECTOR	1	EA	0207-G078
KQB2H12-G02	CONNECTOR	1	EA	0207-GCNA

KQB2H12-G03	CONNECTOR	1	EA	0207-GCNF
KQB2H12-G04	CONNECTOR	1	EA	0207-GH1L
KQB2H13-N02S	CONNECTOR	1	EA	0887-32N0
KQB2H13-N03S	CONNECTOR	1	EA	0207-G5HV
KQB2H13-N04S	CONNECTOR	1	EA	0207-G9RT
KQB2H16-04S	CONNECTOR	1	EA	0207-G9RV
KQB2H16-G03	CONNECTOR	1	EA	0887-3464
KQB2H16-G04	CONNECTOR	1	EA	0207-GF16
KQB2S06-G01	CONNECTOR	1	EA	0207-G9VL
KQB2S06-G02	CONNECTOR	1	EA	0207-GKDH
KQB2S08-02S	CONNECTOR	1	EA	0207-G9VM
KQB2S08-G02	CONNECTOR	1	EA	0207-G9VN
KQB2S08-G03	CONNECTOR	1	EA	0887-3362
KQB2S16-G04	CONNECTOR	1	EA	0207-GC7K
KRE12-G04-X269	CONNECTOR	1	EA	0207-GC7L
KRE16-G04-X269	CONNECTOR	1	EA	0207-GC7M
KRH06-01S	CONNECTOR	10	EA	0207-G32N
KRH06-02S	CONNECTOR	10	EA	0207-G246
KRH06-03S	CONNECTOR	10	EA	0207-G245
KRH06-G01	CONNECTOR	10	EA	0207-GGCX
KRH06-G02	CONNECTOR	10	EA	0207-GGAW
KRH06-U01-X269	CONNECTOR	10	EA	0207-GGYY
KRH06-U02-X269	CONNECTOR	10	EA	0887-33F0
KRH06-U03-X269	CONNECTOR	10	EA	0207-GG4P
KRH07-34S	CONNECTOR	10	EA	0207-GAXN
KRH07-36S	CONNECTOR	10	EA	0207-G959
KRH08-01S	CONNECTOR	10	EA	0207-GD1R
KRH08-02S	CONNECTOR	10	EA	0887-33F1
KRH08-03S	CONNECTOR	10	EA	0207-GGRK
KRH08-G01	CONNECTOR	10	EA	0207-GGRL

KRH08-G02	CONNECTOR	10	EA	0207-GGRJ
KRH08-G03	CONNECTOR	10	EA	0207-GGFM
KRH08-U01-X269	CONNECTOR	10	EA	0294-A5C0
KRH08-U02-X269	CONNECTOR	10	EA	0294-A5C1
KRH08-U03-X269	CONNECTOR	10	EA	0294-A5C2
KRH09-35S	CONNECTOR	5	EA	0294-A5C3
KRH10-01S	CONNECTOR	5	EA	0294-A398
KRH10-02S	CONNECTOR	5	EA	0294-A5C4
KRH10-03S	CONNECTOR	5	EA	0294-A5C5
KRH10-04S	CONNECTOR	5	EA	0294-A5C6
KRH10-12-X269	CONNECTOR	1	EA	0294-A5C7
KRH10-G01	CONNECTOR	5	EA	0294-A5C8
KRH10-G02	CONNECTOR	5	EA	0294-A399
KRH10-G03	CONNECTOR	10	EA	0294-A5C9
KRH10-G04	CONNECTOR	5	EA	0294-A5CA
KRH10-U01-X269	CONNECTOR	1	EA	0294-A5CG
KRH10-U02-X269	CONNECTOR	1	EA	0294-A1GJ
KRH10-U03-X269	CONNECTOR	1	EA	0294-A6M7
KRH10-U04-X269	CONNECTOR	1	EA	0294-A658
KRH11-35S	CONNECTOR	10	EA	0294-A1X9
KRH11-36S	CONNECTOR	10	EA	0294-A0PN
KRH11-37S	CONNECTOR	10	EA	0294-A481
KRH12-02S	CONNECTOR	5	EA	0294-A179
KRH12-03S	CONNECTOR	5	EA	0294-A464
KRH12-04S	CONNECTOR	5	EA	0294-A5GG
KRH12-G02	CONNECTOR	5	EA	0294-A656
KRH12-G03	CONNECTOR	5	EA	0294-A657
KRH12-G04	CONNECTOR	5	EA	0294-9154
KRH12-U02-X269	CONNECTOR	1	EA	0294-A14N
KRH12-U03-X269	CONNECTOR	1	EA	0294-A35M

KRH12-U04-X269	CONNECTOR	1	EA	0294-A403
KRH13-35S	CONNECTOR	10	EA	0294-A1W9
KRH13-36S	CONNECTOR	10	EA	0294-A35L
KRH13-37S	CONNECTOR	10	EA	0294-A53W
KRH16-03S	CONNECTOR	5	EA	0294-A174
KRH16-04S	CONNECTOR	5	EA	0294-A2G3
KRH16-G03-X269	CONNECTOR	1	EA	0294-A5XK
KRH16-G04-X269	CONNECTOR	1	EA	0294-A5XM
KSH03-32	CONNECTOR	2	EA	0294-A3MR
KSH03-34S	CONNECTOR	2	EA	0294-A3D2
KSH06-U01	CONNECTOR	2	EA	0294-A4CJ
KSH07-34S	CONNECTOR	2	EA	0294-A2DY
KSH07-35S	CONNECTOR	2	EA	0294-A345
KSH08-02S	CONNECTOR	2	EA	0294-A2GP
KK130P-02F	COUPLER	5	EA	0294-A3AH
KK130P-03F	COUPLER	5	EA	0294-A4TM
KK130P-04F	COUPLER	5	EA	0294-A5R6
KK130S-02F	COUPLER	5	EA	0294-A44T
KK130S-02MS	COUPLER	5	EA	0294-A344
KK130S-03F	COUPLER	5	EA	0294-A67P
KK130S-04F	COUPLER	5	EA	0294-A3A2
KK3P-01F	COUPLER	5	EA	0294-A5Y4
KK3P-04H	COUPLER	5	EA	0294-A6M8
KK3S-01MS	COUPLER	5	EA	0294-A6AM
KK4P-N02MS	COUPLER	5	EA	0294-A1XH
KK4S-02MS	COUPLER	5	EA	0294-A659
KK4S-08H	COUPLER	5	EA	0294-A18J
KK4S-N02MS	COUPLER	1	EA	0294-A396
KK6P-04F	COUPLER	5	EA	0294-A4J3
KK6S-04F	COUPLER	5	EA	0294-A3D1

KR-06C	COVER	10	EA	0294-A33M
KR-07C	COVER	10	EA	0294-A1J0
KR-08C	COVER	10	EA	0294-A51J
KR-08C1	COVER	10	EA	0294-A2N7
KR-10C	COVER	10	EA	0294-A733
KR-12C	COVER	10	EA	0294-A2WY
KR-16C-X232	COVER	1	EA	0294-A4CW
KQ2TW04-00A	CROSS	10	EA	0294-A3AN
KQ2TW07-00A	CROSS	10	EA	0294-A44V
KQ2TW09-00A	CROSS	10	EA	0294-A44W
KQ2TW11-00A	CROSS	5	EA	0294-A21Y
KQ2TW12-00A	CROSS	1	EA	0294-A3FN
KQ2TW13-00A	CROSS	5	EA	0294-A3D4
KK130P-02F	COUPLER	5	EA	0294-A3AH
KK130P-03F	COUPLER	5	EA	0294-A4TM
KK130P-04F	COUPLER	5	EA	0294-A5R6
KK130S-02F	COUPLER	5	EA	0294-A44T
KK130S-02MS	COUPLER	5	EA	0294-A344
KK130S-03F	COUPLER	5	EA	0294-A67P
KK130S-04F	COUPLER	5	EA	0294-A3A2
KK3P-01F	COUPLER	5	EA	0294-A5Y4
KK3P-04H	COUPLER	5	EA	0294-A6M8
KK3S-01MS	COUPLER	5	EA	0294-A6AM
KK4P-N02MS	COUPLER	5	EA	0294-A1XH
KK4S-02MS	COUPLER	5	EA	0294-A659
KK4S-08H	COUPLER	5	EA	0294-A18J
KK4S-N02MS	COUPLER	1	EA	0294-A396
KK6P-04F	COUPLER	5	EA	0294-A4J3
KK6S-04F	COUPLER	5	EA	0294-A3D1
KR-06C	COVER	10	EA	0294-A33M

KR-07C	COVER	10	EA	0294-A1J0
KR-08C	COVER	10	EA	0294-A51J
KR-08C1	COVER	10	EA	0294-A2N7
KR-10C	COVER	10	EA	0294-A733
KR-12C	COVER	10	EA	0294-A2WY
KR-16C-X232	COVER	1	EA	0294-A4CW
KQ2TW04-00A	CROSS	10	EA	0294-A3AN
KQ2TW07-00A	CROSS	10	EA	0294-A44V
KQ2TW09-00A	CROSS	10	EA	0294-A44W
KQ2TW11-00A	CROSS	5	EA	0294-A21Y
KQ2TW12-00A	CROSS	1	EA	0294-A3FN
KQ2TW13-00A	CROSS	5	EA	0294-A3D4
1425/SWE12-G1/2	ELBOW	1	EA	0294-A3A3
1425/SWE12-G1/4	ELBOW	1	EA	0294-A3FP
1425/SWE12-G3/8	ELBOW	1	EA	0294-A3A4
1425/SWE14-G3/8	ELBOW	1	EA	0294-A3PX
1425/SWE8-G1/4	ELBOW	1	EA	0294-A3A5
1425/SWE8-G1/8	ELBOW	1	EA	0294-9155
1425/SWE8-G3/8	ELBOW	1	EA	0294-A35Y
KAL04-U01	ELBOW	10	EA	0294-A36V
KAL04-U02	ELBOW	10	EA	0294-A1RK
KFL06-01	ELBOW	10	EA	0294-A32J
KFL06-03	ELBOW	10	EA	0294-A544
KFL08N-01	ELBOW	10	EA	0294-8180
KFL08N-02	ELBOW	10	EA	0294-A543
KFL08U-02	ELBOW	10	EA	0294-A3XL
KFL12N-03	ELBOW	10	EA	0294-A2YJ
KFL12N-04	ELBOW	10	EA	0294-A32K
KFL12U-03	ELBOW	10	EA	0294-A2G4
KFL12U-04	ELBOW	10	EA	0294-A3XJ

KGL06-01S	ELBOW	2	EA	0294-A4V6
KQ2D06-02AS	ELBOW	10	EA	0294-A5XN
KQ2K01-34AS	ELBOW	10	EA	0294-A3AV
KQ2K03-32A	ELBOW	10	EA	0294-A4V7
KQ2K03-34AS	ELBOW	10	EA	0294-A3D0
KQ2K07-32A	ELBOW	10	EA	0294-A3AW
KQ2K07-34AS	ELBOW	10	EA	0294-A3DL
KQ2K07-35AS	ELBOW	10	EA	0294-A39K
KQ2K07-36AS	ELBOW	10	EA	0294-A39L
KQ2K09-34AS	ELBOW	10	EA	0294-A4HT
KQ2K09-35AS	ELBOW	10	EA	0294-A6AJ
KQ2K09-36AS	ELBOW	10	EA	0294-A3AP
KQ2K11-34AS	ELBOW	10	EA	0294-A5R0
KQ2K11-35AS	ELBOW	10	EA	0294-A3A6
KQ2K11-36AS	ELBOW	10	EA	0294-A3GN
KQ2K11-37AS	ELBOW	5	EA	0294-A3A7
KQ2L01-00A	ELBOW	10	EA	0294-A3H0
KQ2L01-03A	ELBOW	10	EA	0294-A35P
KQ2L01-32A	ELBOW	10	EA	0294-A3TA
KQ2L01-33AS	ELBOW	10	EA	0294-A53Y
KQ2L01-34AS	ELBOW	10	EA	0294-A540
KQ2L01-34NS	ELBOW	10	EA	0294-A4J1
KQ2L01-35AS	ELBOW	10	EA	0294-A395
KQ2L01-99A	ELBOW	10	EA	0294-A32L
KQ2L01-M5A	ELBOW	10	EA	0294-A3H7
KQ2L01-U01A	ELBOW	10	EA	0294-A547
KQ2L01-U02A	ELBOW	10	EA	0294-A5XP
KQ2L03-00A	ELBOW	10	EA	0294-A548
KQ2L03-07A	ELBOW	10	EA	0294-A5PM
KQ2L03-32A	ELBOW	10	EA	0294-A2R3

KQ2L03-32N	ELBOW	10	EA	0294-A2R1
KQ2L03-33AS	ELBOW	10	EA	0294-A2PG
KQ2L03-34AS	ELBOW	10	EA	0294-A39G
KQ2L03-34NS	ELBOW	10	EA	0294-A39H
KQ2L03-35AS	ELBOW	10	EA	0294-A4HW
KQ2L03-99A	ELBOW	10	EA	0294-A71G
KQ2L03-U01A	ELBOW	10	EA	0294-A4LW
KQ2L03-U01N	ELBOW	10	EA	0294-A3A8
KQ2L03-U02A	ELBOW	10	EA	0294-A3LA
KQ2L04-00A	ELBOW	10	EA	0294-A3A9
KQ2L04-01A	ELBOW	10	EA	0294-A3GA
KQ2L04-01AS	ELBOW	10	EA	0294-A48L
KQ2L04-01NS	ELBOW	10	EA	0294-A1GK
KQ2L04-02AS	ELBOW	10	EA	0294-A65K
KQ2L04-08A	ELBOW	10	EA	0294-A1RL
KQ2L04-99A	ELBOW	10	EA	0294-A1VA
KQ2L04-M3G	ELBOW	10	EA	0294-A2YK
KQ2L04-M5A	ELBOW	10	EA	0294-9633
KQ2L04-M5N	ELBOW	10	EA	0294-A397
KQ2L04-M6A	ELBOW	10	EA	0294-A26H
KQ2L04-U01A	ELBOW	10	EA	0294-A4VA
KQ2L04-U01N	ELBOW	10	EA	0294-A43P
KQ2L04-U02A	ELBOW	10	EA	0294-A606
KQ2L04-U02N	ELBOW	10	EA	0294-A2R4
KQ2L05-00A	ELBOW	10	EA	0294-A2R2
KQ2L05-32A	ELBOW	10	EA	0294-A734
KQ2L05-34AS	ELBOW	10	EA	0294-A39J
KQ2L05-35AS	ELBOW	10	EA	0294-A39M
KQ2L05-99A	ELBOW	10	EA	0294-A3AR
KQ2L06-00A	ELBOW	10	EA	0294-A48M

KQ2L06-01A	ELBOW	10	EA	0294-A3FT
KQ2L06-01AS	ELBOW	10	EA	0294-A3AA
KQ2L06-01NS	ELBOW	10	EA	0294-A3AF
KQ2L06-02AS	ELBOW	10	EA	0294-A71F
KQ2L06-02NS	ELBOW	10	EA	0294-A1GL
KQ2L06-03AS	ELBOW	10	EA	0294-A4J2
KQ2L06-10A	ELBOW	10	EA	0294-A387
KQ2L06-99A	ELBOW	10	EA	0294-9963
KQ2L06-G01	ELBOW	10	EA	0294-9808
KQ2L06-G02A	ELBOW	10	EA	0294-A2H1
KQ2L06-M5A	ELBOW	10	EA	0294-A5R5
KQ2L06-M5N	ELBOW	10	EA	0294-A5YT
KQ2L06-M6A	ELBOW	10	EA	0294-A655
KQ2L06-U01A	ELBOW	10	EA	0294-A67N
KQ2L06-U01N	ELBOW	10	EA	0294-A5H6
KQ2L06-U02A	ELBOW	10	EA	0294-A4G5
KQ2L06-U02N	ELBOW	10	EA	0294-A639
KQ2L06-U03A	ELBOW	10	EA	0294-A48N
KQ2L07-00A	ELBOW	10	EA	0294-A46T
KQ2L07-01AS	ELBOW	10	EA	0294-A3M3
KQ2L07-02AS	ELBOW	10	EA	0294-A5CM
KQ2L07-11A	ELBOW	10	EA	0294-A5H8
KQ2L07-32A	ELBOW	10	EA	0294-A5CN
KQ2L07-32N	ELBOW	10	EA	0294-A67K
KQ2L07-34AS	ELBOW	10	EA	0294-A5CP
KQ2L07-34NS	ELBOW	10	EA	0294-A67M
KQ2L07-35A	ELBOW	10	EA	0294-A47A
KQ2L07-35AS	ELBOW	10	EA	0294-A5CR
KQ2L07-36AS	ELBOW	10	EA	0294-A47F
KQ2L07-99A	ELBOW	10	EA	0294-A47G

KQ2L07-M5A	ELBOW	10	EA	0294-A6YK
KQ2L07-U01A	ELBOW	10	EA	0294-A6YJ
KQ2L07-U01N	ELBOW	10	EA	0294-A6AW
KQ2L07-U02A	ELBOW	10	EA	0294-A5TM
KQ2L07-U03A	ELBOW	10	EA	0294-A5TL
KQ2L08-00A	ELBOW	10	EA	0294-A661
KQ2L08-01AS	ELBOW	10	EA	0548-42V8
KQ2L08-02A	ELBOW	10	EA	0437-MFG2
KQ2L08-02AS	ELBOW	10	EA	0548-42N7
KQ2L08-03AS	ELBOW	10	EA	0548-439N
KQ2L08-10A	ELBOW	10	EA	0548-42V9
KQ2L08-12A	ELBOW	10	EA	0548-42VA
KQ2L08-99A	ELBOW	10	EA	0548-4397
KQ2L08-G02	ELBOW	10	EA	0548-42VF
KQ2L08-U01A	ELBOW	10	EA	0548-42VG
KQ2L08-U01N	ELBOW	10	EA	0437-MDK8
KQ2L08-U02A	ELBOW	10	EA	0548-42VH
KQ2L08-U02N	ELBOW	10	EA	0437-MDDK
KQ2L08-U03A	ELBOW	10	EA	0437-MCLW
KQ2L09-00A	ELBOW	10	EA	0548-4395
KQ2L09-01AS	ELBOW	10	EA	0437-MDJ0
KQ2L09-02AS	ELBOW	10	EA	0611-89F5
KQ2L09-34AS	ELBOW	10	EA	0611-88L7
KQ2L09-35AS	ELBOW	10	EA	0611-8A0K
KQ2L09-36AS	ELBOW	10	EA	0611-89YL
KQ2L09-99A	ELBOW	10	EA	0611-88LL
KQ2L09-U01A	ELBOW	10	EA	0611-882H
KQ2L09-U01N	ELBOW	10	EA	0611-88LM
KQ2L09-U02A	ELBOW	10	EA	0611-8AHF
KQ2L09-U03A	ELBOW	10	EA	0611-8A23

KQ2L10-00A	ELBOW	10	EA	0611-88KV
KQ2L10-01AS	ELBOW	10	EA	0611-8AW6
KQ2L10-02AS	ELBOW	10	EA	0611-88KW
KQ2L10-03AS	ELBOW	10	EA	0611-8AR8
KQ2L10-04AS	ELBOW	10	EA	0651-37NN
KQ2L10-99A	ELBOW	10	EA	0651-37JV
KQ2L10-G01A	ELBOW	10	EA	0651-37KV
KQ2L10-U01A	ELBOW	10	EA	0651-1942
KQ2L10-U02A	ELBOW	10	EA	0651-36LF
KQ2L10-U02N	ELBOW	10	EA	0651-36V1
KQ2L10-U03A	ELBOW	10	EA	0651-37R6
KQ2L10-U03N	ELBOW	10	EA	0651-1943
KQ2L10-U04A	ELBOW	10	EA	0651-371K
KQ2L11-00A	ELBOW	10	EA	0651-35XP
KQ2L11-03AS	ELBOW	10	EA	0651-36LG
KQ2L11-13A	ELBOW	10	EA	0651-353K
KQ2L11-34AS	ELBOW	10	EA	0651-38PT
KQ2L11-35AS	ELBOW	10	EA	0651-378F
KQ2L11-36AS	ELBOW	10	EA	0651-3376
KQ2L11-37AS	ELBOW	10	EA	0651-36LH
KQ2L11-99A	ELBOW	10	EA	0651-36LJ
KQ2L11-U02A	ELBOW	10	EA	0651-37KR
KQ2L11-U03A	ELBOW	10	EA	0651-373J
KQ2L11-U04A	ELBOW	10	EA	0651-353P
KQ2L12-00A	ELBOW	10	EA	0651-37LL
KQ2L12-02AS	ELBOW	10	EA	0651-3488
KQ2L12-02NS	ELBOW	10	EA	0651-37LP
KQ2L12-03AS	ELBOW	10	EA	0651-38M6
KQ2L12-04AS	ELBOW	10	EA	0207-GC00
KQ2L12-99A	ELBOW	10	EA	0207-G87J

KQ2L12-U02A	ELBOW	10	EA	0207-G7RN
KQ2L12-U02N	ELBOW	10	EA	0207-GADT
KQ2L12-U03A	ELBOW	10	EA	0207-GF49
KQ2L12-U04A	ELBOW	10	EA	0207-GADV
KQ2L12-U04N	ELBOW	10	EA	0207-GA16
KQ2L13-00A	ELBOW	10	EA	0207-G9D0
KQ2L13-04AS	ELBOW	10	EA	0207-GA15
KQ2L13-35AS	ELBOW	10	EA	0207-GA18
KQ2L13-36AS	ELBOW	10	EA	0207-GGCG
KQ2L13-37AS	ELBOW	10	EA	0207-GA19
KQ2L13-99A	ELBOW	10	EA	0207-GFLY
KQ2L13-U02A	ELBOW	10	EA	0207-GA17
KQ2L13-U03A	ELBOW	10	EA	0207-GF4F
KQ2L13-U04A	ELBOW	10	EA	0207-GF4A
KQ2L16-00A	ELBOW	1	EA	0207-GFH2
KQ2L16-03AS	ELBOW	10	EA	0207-GF47
KQ2L16-04AS	ELBOW	10	EA	0207-GFH3
KQ2L16-G04	ELBOW	10	EA	0207-GA1A
KQ2L16-U03A	ELBOW	5	EA	0207-GA1F
KQ2L16-U04A	ELBOW	5	EA	0207-GA1G
KQ2L23-00A	ELBOW	10	EA	0207-GFXT
KQ2LE03-00A	ELBOW	10	EA	0207-GFXV
KQ2LE06-00A	ELBOW	5	EA	0207-GFXW
KQ2LE07-00A	ELBOW	10	EA	0207-GA1J
KQ2LE08-00A	ELBOW	5	EA	0207-GA1K
KQ2LE09-00A	ELBOW	10	EA	0207-GA1L
KQ2LE10-00A	ELBOW	1	EA	0207-GHXM
KQ2LE11-00A	ELBOW	5	EA	0207-GFY0
KQ2LE13-00A	ELBOW	5	EA	0207-GDY6
KQ2LF03-34A	ELBOW	10	EA	0207-GF46

KQ2LF03-35A	ELBOW	10	EA	0207-G9YW
KQ2LF10-02A	ELBOW	10	EA	0207-GA1M
KQ2LF10-03A	ELBOW	10	EA	0207-GHM6
KQ2LF12-02A	ELBOW	10	EA	0207-GA1P
KQ2LF12-03A	ELBOW	10	EA	0207-GH16
KQ2LF12-04A	ELBOW	10	EA	0207-GFY1
KQ2LU04-00A	ELBOW	10	EA	0207-GFY2
KQ2V04-M5A	ELBOW	10	EA	0207-GFY3
KQ2V06-02AS	ELBOW	10	EA	0207-GK1W
KQ2V06-U01A	ELBOW	10	EA	0207-GHP9
KQ2V07-34AS	ELBOW	10	EA	0840-55MH
KQ2V08-02AS	ELBOW	10	EA	0840-563A
KQ2V08-03AS	ELBOW	10	EA	0840-56KK
KQ2V08-U01A	ELBOW	10	EA	0840-5178
KQ2V08-U02A	ELBOW	10	EA	0840-57VT
KQ2V08-U03A	ELBOW	10	EA	0840-57VV
KQ2V10-02AS	ELBOW	10	EA	0840-56L6
KQ2V10-03AS	ELBOW	10	EA	0840-5651
KQ2V10-U03A	ELBOW	10	EA	0840-566P
KQ2V12-03AS	ELBOW	10	EA	0840-57C2
KQ2V12-04AS	ELBOW	10	EA	0840-5637
KQ2VD03-32A	ELBOW	5	EA	0840-56XK
KQ2VD03-34AS	ELBOW	5	EA	0840-5710
KQ2VD04-01AS	ELBOW	10	EA	0840-579P
KQ2VD06-01AS	ELBOW	10	EA	0840-56JL
KQ2VD06-03AS	ELBOW	10	EA	0840-57DP
KQ2VD07-34AS	ELBOW	5	EA	0840-57DR
KQ2VD07-35AS	ELBOW	5	EA	0840-5638
KQ2VD08-03AS	ELBOW	10	EA	0840-5717
KQ2VD09-35AS	ELBOW	5	EA	0840-5718

KQ2VD09-36AS	ELBOW	5	EA	0840-57LY
KQ2VD11-35AS	ELBOW	5	EA	0840-56NM
KQ2VD11-36AS	ELBOW	5	EA	0840-56Y5
KQ2VD12-04AS	ELBOW	5	EA	0840-57VW
KQ2VD12-RC04-X726	ELBOW	1	EA	0840-574T
KQ2VD13-36AS	ELBOW	5	EA	0840-56KJ
KQ2VD13-37AS	ELBOW	5	EA	0840-5467
KQ2VF03-34AS	ELBOW	10	EA	0840-56Y8
KQ2VF06-02AS	ELBOW	10	EA	0840-566R
KQ2VF07-35AS	ELBOW	10	EA	0840-579G
KQ2VF08-02AS	ELBOW	10	EA	0840-570Y
KQ2VF10-02AS	ELBOW	10	EA	0840-571A
KQ2VS03-32A	ELBOW	10	EA	0840-571F
KQ2VS03-34AS	ELBOW	10	EA	0840-571G
KQ2VS06-02AS	ELBOW	10	EA	0840-57MW
KQ2VS07-32A	ELBOW	10	EA	0840-5613
KQ2VS07-34AS	ELBOW	10	EA	0840-57VX
KQ2VS07-35AS	ELBOW	10	EA	0840-5732
KQ2VS08-02AS	ELBOW	10	EA	0840-572K
KQ2VS09-34AS	ELBOW	10	EA	0840-572L
KQ2VS09-35AS	ELBOW	10	EA	0840-567J
KQ2VS09-36AS	ELBOW	10	EA	0840-56PK
KQ2VS10-02AS	ELBOW	10	EA	0840-56PL
KQ2VS10-03AS	ELBOW	10	EA	0840-571H
KQ2VS11-35AS	ELBOW	10	EA	0840-571J
KQ2VS11-36AS	ELBOW	10	EA	0840-57H7
KQ2VS12-04AS	ELBOW	5	EA	0840-56Y6
KQ2VS13-36AS	ELBOW	5	EA	0840-57GA
KQ2VS13-37AS	ELBOW	5	EA	0840-5531
KQ2VT06-01AS	ELBOW	5	EA	0840-55MF

KQ2VT10-03AS	ELBOW	5	EA	0840-566T
KQ2VT13-37AS	ELBOW	5	EA	0840-57C3
KQ2W01-34AS	ELBOW	10	EA	0840-57RN
KQ2W01-35AS	ELBOW	10	EA	0840-5639
KQ2W03-34AS	ELBOW	10	EA	0840-56PM
KQ2W03-35AS	ELBOW	10	EA	0840-5857
KQ2W03-U02A	ELBOW	10	EA	0840-571K
KQ2W04-01AS	ELBOW	10	EA	0840-571L
KQ2W04-02AS	ELBOW	10	EA	0840-5711
KQ2W04-99A	ELBOW	10	EA	0840-579H
KQ2W05-35AS	ELBOW	10	EA	0840-56Y7
KQ2W06-01AS	ELBOW	10	EA	0840-557L
KQ2W06-02AS	ELBOW	10	EA	0840-566V
KQ2W06-03AS	ELBOW	10	EA	0840-56Y9
KQ2W06-99A	ELBOW	10	EA	0840-56YL
KQ2W07-34AS	ELBOW	10	EA	0840-57CL
KQ2W07-35AS	ELBOW	10	EA	0968-03A6
KQ2W07-36AS	ELBOW	10	EA	0968-03D3
KQ2W08-99A	ELBOW	10	EA	0968-03D4
KQ2W09-34AS	ELBOW	10	EA	0968-03AX
KQ2W09-35AS	ELBOW	10	EA	0968-03F9
KQ2W09-36AS	ELBOW	10	EA	0968-03D5
KQ2W10-03AS	ELBOW	10	EA	0922-039R
KQ2W10-99A	ELBOW	10	EA	0922-032Y
KQ2W11-35AS	ELBOW	10	EA	0922-0378
KQ2W11-36AS	ELBOW	10	EA	0922-0317
KQ2W11-37AS	ELBOW	10	EA	0922-035G
KQ2W12-99A	ELBOW	10	EA	0922-0335
KQ2W13-35AS	ELBOW	10	EA	0922-0338
KQ2W13-37AS	ELBOW	10	EA	0922-035A

KQ2Z03-34AS	ELBOW	10	EA	0922-0350
KQ2Z07-34AS	ELBOW	10	EA	0922-0345
KQ2Z07-35AS	ELBOW	10	EA	0922-0346
KQ2Z09-34AS	ELBOW	10	EA	0922-0353
KQ2Z09-35AS	ELBOW	10	EA	0922-03AH
KQ2Z09-36AS	ELBOW	10	EA	0922-0377
KQ2Z11-35AS	ELBOW	5	EA	0922-0351
KQ2Z11-36AS	ELBOW	5	EA	0922-0347
KQ2Z13-36AS	ELBOW	5	EA	0922-0349
KQ2Z13-37AS	ELBOW	5	EA	0922-034A
KQ2ZD06-01AS	ELBOW	10	EA	0922-03AR
KQ2ZD07-35AS	ELBOW	5	EA	0922-038F
KQ2ZD08-04AS	ELBOW	5	EA	0922-0356
KQ2ZD12-04AS	ELBOW	5	EA	0922-0340
KQ2ZT07-36AS	ELBOW	5	EA	0922-039F
KQ2ZT09-37AS	ELBOW	5	EA	0922-035H
KQ2ZT10-04AS	ELBOW	5	EA	0922-035F
KQ2ZT12-04AS	ELBOW	5	EA	0922-0342
KQB2L01-N01S	ELBOW	1	EA	0922-0331
KQB2L01-N02S	ELBOW	1	EA	0922-033F
KQB2L03-N01S	ELBOW	1	EA	0922-0352
KQB2L03-N02S	ELBOW	1	EA	0922-03AP
KQB2L04-G01	ELBOW	1	EA	0922-039G
KQB2L04-G02	ELBOW	1	EA	0922-0357
KQB2L04-M5	ELBOW	1	EA	0922-0389
KQB2L06-G01	ELBOW	1	EA	0922-039H
KQB2L06-G02	ELBOW	1	EA	0922-039J
KQB2L06-G03	ELBOW	1	EA	0922-039K
KQB2L06-M5	ELBOW	1	EA	0922-039L
KQB2L07-N01S	ELBOW	1	EA	0922-039M

KQB2L07-N02S	ELBOW	1	EA	0922-039N
KQB2L07-N03S	ELBOW	1	EA	0922-0354
KQB2L08-01S	ELBOW	1	EA	0922-034F
KQB2L08-02S	ELBOW	1	EA	0922-034G
KQB2L08-G01	ELBOW	1	EA	0922-03DF
KQB2L08-G02	ELBOW	1	EA	0922-03AJ
KQB2L08-G03	ELBOW	1	EA	0922-0341
KQB2L09-N01S	ELBOW	1	EA	0922-0362
KQB2L09-N02S	ELBOW	1	EA	0922-0334
KQB2L09-N03S	ELBOW	1	EA	0922-0333
KQB2L10-G01	ELBOW	1	EA	0922-0332
KQB2L10-G02	ELBOW	1	EA	0922-0355
KQB2L10-G03	ELBOW	1	EA	0922-036J
KQB2L10-G04	ELBOW	1	EA	0922-03DA
KQB2L11-N01S	ELBOW	1	EA	0922-03AK
KQB2L11-N02S	ELBOW	1	EA	0922-038A
KQB2L11-N03S	ELBOW	1	EA	0922-0337
KQB2L11-N04S	ELBOW	1	EA	0922-0336
KQB2L12-00	ELBOW	1	EA	0922-039P
KQB2L12-02S	ELBOW	1	EA	0922-037F
KQB2L12-03S	ELBOW	1	EA	0922-03D9
KQB2L12-04S	ELBOW	1	EA	0922-0379
KQB2L12-G02	ELBOW	1	EA	0922-03A6
KQB2L12-G03	ELBOW	1	EA	0294-A549
KQB2L12-G04	ELBOW	1	EA	0294-A6YP
KQB2L13-00	ELBOW	1	EA	0294-A1HN
KQB2L13-N02S	ELBOW	1	EA	0294-A67G
KQB2L13-N03S	ELBOW	1	EA	0294-A45N
KQB2L13-N04S	ELBOW	1	EA	0294-A5TV
KQB2L16-04S	ELBOW	1	EA	0294-A3AL

KQB2L16-G04	ELBOW	1	EA	0294-A3AM
KQB2W16-G04	ELBOW	1	EA	0294-A3AJ
KQG2L11-N03S	ELBOW	1	EA	0294-A6YR
KQG2L12-00	ELBOW	1	EA	0294-A5TK
KQL12-U03-X2	ELBOW	10	EA	0294-A3AK
KRK06-01S	ELBOW	10	EA	0294-A5TJ
KRK06-02S	ELBOW	10	EA	0294-A6YN
KRK06-03S	ELBOW	10	EA	0294-A5CX
KRK08-01S	ELBOW	10	EA	0294-A3C9
KRK08-02S	ELBOW	10	EA	0294-A51K
KRK08-03S	ELBOW	10	EA	0294-A6A8
KRK10-01S	ELBOW	5	EA	0294-A3G0
KRK10-02S	ELBOW	5	EA	0294-A3CA
KRK10-03S	ELBOW	5	EA	0294-A4KV
KRK10-04S	ELBOW	5	EA	0294-A3FY
KRK12-02S	ELBOW	5	EA	0294-A5CY
KRK12-03S	ELBOW	5	EA	0294-A5D0
KRK12-04S	ELBOW	5	EA	0294-A4V3
KRL06-00	ELBOW	10	EA	0294-A4V4
KRL06-01S	ELBOW	10	EA	0294-A66A
KRL06-02S	ELBOW	10	EA	0294-A5TT
KRL06-03S	ELBOW	10	EA	0294-A4TY
KRL06-99W2	ELBOW	10	EA	0294-A5D1
KRL06-G01	ELBOW	10	EA	0294-A47H
KRL06-G02	ELBOW	10	EA	0294-A6PL
KRL06-G03	ELBOW	10	EA	0294-A6AA
KRL06-U01-X269	ELBOW	10	EA	0294-A6PM
KRL06-U02-X269	ELBOW	10	EA	0294-A6PN
KRL06-U03-X269	ELBOW	10	EA	0294-A5D2
KRL07-34S	ELBOW	10	EA	0294-A5D3

KRL07-35S	ELBOW	10	EA	0294-A6XP
KRL07-36S	ELBOW	10	EA	0294-A5D4
KRL08-00	ELBOW	10	EA	0294-A5D5
KRL08-01S	ELBOW	10	EA	0294-A5D6
KRL08-02S	ELBOW	10	EA	0294-A6XK
KRL08-03S	ELBOW	10	EA	0294-A5D7
KRL08-99W2	ELBOW	10	EA	0294-A5D8
KRL08-G01	ELBOW	10	EA	0294-A413
KRL08-G02	ELBOW	10	EA	0294-A6XL
KRL08-G03	ELBOW	10	EA	0294-A6XM
KRL08-U01-X269	ELBOW	10	EA	0294-A5D9
KRL08-U02-X269	ELBOW	10	EA	0294-A5DA
KRL08-U03-X269	ELBOW	10	EA	0294-A6XN
KRL10-00	ELBOW	5	EA	0294-A5DF
KRL10-01S	ELBOW	5	EA	0294-A5DG
KRL10-02S	ELBOW	5	EA	0294-A6A7
KRL10-03S	ELBOW	5	EA	0294-A3AT
KRL10-04S	ELBOW	5	EA	0294-A3H3
KRL10-99W2	ELBOW	5	EA	0294-A4CK
KRL10-G01	ELBOW	5	EA	0294-A2HX
KRL10-G02	ELBOW	5	EA	0294-A1R7
KRL10-G03	ELBOW	5	EA	0294-A178
KRL10-G04	ELBOW	5	EA	0294-A47J
KRL10-U01-X269	ELBOW	1	EA	0294-A393
KRL10-U02-X269	ELBOW	1	EA	0294-A392
KRL10-U03-X269	ELBOW	1	EA	0294-A67R
KRL10-U04-X269	ELBOW	1	EA	0294-A4CL
KRL11-35S	ELBOW	10	EA	0294-A391
KRL11-36S	ELBOW	10	EA	0294-A390
KRL11-37S	ELBOW	10	EA	0294-A38X

KRL12-00	ELBOW	5	EA	0294-A67T
KRL12-02S	ELBOW	5	EA	0294-9269
KRL12-03S	ELBOW	5	EA	0294-9268
KRL12-04S	ELBOW	5	EA	0294-A0PM
KRL12-16-X269	ELBOW	10	EA	0294-A67V
KRL12-99-X269	ELBOW	1	EA	0294-A5DH
KRL12-G02	ELBOW	10	EA	0294-A3G7
KRL12-G03	ELBOW	5	EA	0294-A3G8
KRL12-G04	ELBOW	5	EA	0294-A38Y
KRL12-U02-X269	ELBOW	1	EA	0294-A59F
KRL12-U03-X269	ELBOW	1	EA	0294-9851
KRL12-U04-X269	ELBOW	1	EA	0294-9962
KRL13-35S	ELBOW	10	EA	0294-A4CM
KRL13-36S	ELBOW	10	EA	0294-A67W
KRL13-37S	ELBOW	10	EA	0294-A08L
KRL16-00	ELBOW	1	EA	0294-A4H6
KRL16-03S	ELBOW	1	EA	0922-03AL
KRL16-04S	ELBOW	1	EA	0922-03AM
KRL16-99-X269	ELBOW	10	EA	0922-03AN
KRL16-G03-X269	ELBOW	10	EA	0922-0358
KRL16-G04-X269	ELBOW	10	EA	0840-56KL
KRW10-99W2	ELBOW	5	EA	0840-56KM
KRW12-16-X269	ELBOW	1	EA	0840-5828
KRW12-99-X269	ELBOW	1	EA	0840-563G
KRW16-99-X269	ELBOW	1	EA	0840-57RP
KRZD10-G04-X269	ELBOW	1	EA	0840-56D2
KRZD12-G04-X269	ELBOW	1	EA	0840-56XL
KRZT10-G04-2-X270	ELBOW	1	EA	0840-57DT
KRZT10-G04-X269	ELBOW	1	EA	0840-57DV
KRZT12-G04-2-X270	ELBOW	1	EA	0840-571N

KRZT12-G04-X269	ELBOW	1	EA	0840-574M
KRZT12-G04-X270	ELBOW	1	EA	0840-574N
KSL03-32	ELBOW	2	EA	0840-5856
KSL03-34S	ELBOW	2	EA	0840-5532
KSL06-M6	ELBOW	2	EA	0840-5533
KSL07-34S	ELBOW	2	EA	0840-56D3
KSL07-35S	ELBOW	2	EA	0840-5838
KSL08-01S	ELBOW	2	EA	0840-571T
KSL08-02S	ELBOW	2	EA	0840-571V
KSL08-03S	ELBOW	2	EA	0840-571W
KSL08-U02	ELBOW	2	EA	0840-57VY
KSL09-34S	ELBOW	2	EA	0840-572M
KSL09-35S	ELBOW	2	EA	0840-572N
KSL10-02S	ELBOW	2	EA	0840-55M8
KSL10-03S	ELBOW	2	EA	0840-55M9
KSL10-04S	ELBOW	2	EA	0840-57DW
KSL10-U02	ELBOW	2	EA	0840-57C4
KSL12-04S	ELBOW	2	EA	0840-56XM
KXL08-02S	ELBOW	2	EA	0840-5723
KXL10-U02	ELBOW	2	EA	0840-5878
KFS-12	FERRULE	10	EA	0840-55MA
KRH07-35S	FITTING	10	EA	0840-5534
KV-HA34-01	FITTING	1	EA	0840-5837
KV-HA35-02	FITTING	1	EA	0840-57R8
KQ-G03	GASKET	10	EA	0294-A5DJ
KQG-U01	GASKET	10	EA	0294-A5DK
KQG-U02	GASKET	10	EA	0294-A5DL
KQG-U03	GASKET	10	EA	0294-A5DM
KQG-U04	GASKET	10	EA	0294-A5DN
KQ2N04-99	INSERT	10	EA	0294-A5DP

KQ2N10-99	INSERT	10	EA	0294-A5DR
KQ2N11-99	INSERT	10	EA	0294-A5DT
KQ2N12-99	INSERT	10	EA	0294-A5DV
KQ2N16-99	INSERT	10	EA	0294-A5DW
KM11-04-08-10	MANIFOLD	5	EA	0294-A6A6
KM11-04-08-6	MANIFOLD	5	EA	0294-A452
KM11-06-10-6	MANIFOLD	1	EA	0294-A674
KM11-07-11-10	MANIFOLD	5	EA	0294-A4KP
KM11-07-11-6	MANIFOLD	5	EA	0294-A5DX
KM11-08-12-10	MANIFOLD	5	EA	0294-A51L
KM11-09-13-10	MANIFOLD	1	EA	0294-A6YM
KM11-09-13-6	MANIFOLD	5	EA	0294-A66F
KM12-03-35-10	MANIFOLD	5	EA	0207-GHJK
KM12-07-35-10	MANIFOLD	5	EA	0207-GJVN
KM12-07-35-6	MANIFOLD	5	EA	0207-GHNL
KM13-04-06-3	MANIFOLD	5	EA	0887-3451
KM13-04-08-3	MANIFOLD	5	EA	0207-GH4W
KM13-08-10-3	MANIFOLD	5	EA	0207-GH4X
KRM11-06-10-6	MANIFOLD	5	EA	0887-344R
KRM11-08-12-6	MANIFOLD	5	EA	0207-GH50
KQ2N03-07	NIPPLE	10	EA	0207-GH51
KQ2N06-08	NIPPLE	10	EA	0887-3452
KQ2N06-99	NIPPLE	10	EA	0207-GH1V
KQ2N07-09	NIPPLE	10	EA	0207-GH4T
KQ2N07-11	NIPPLE	10	EA	0207-GGVG
KQ2N08-99	NIPPLE	10	EA	0887-344N
KQ2N09-11	NIPPLE	10	EA	0207-GJX3
KQ2N09-13	NIPPLE	10	EA	0207-GJWG
KQ2N11-13	NIPPLE	10	EA	0207-GJL3
KQ2N13-99	NIPPLE	10	EA	0887-3465

KFN-12	NUT	10	EA	0207-GH59
KQ2P-01	PLUG	10	EA	0207-GH1P
KQ2P-03	PLUG	10	EA	0207-GH5A
KQ2P-04	PLUG	10	EA	0207-GH1R
KQ2P-05	PLUG	10	EA	0887-344T
KQ2P-06	PLUG	10	EA	0207-GH5K
KQ2P-07	PLUG	10	EA	0207-GH5L
KQ2P-08	PLUG	10	EA	0207-GH5M
KQ2P-09	PLUG	10	EA	0887-344P
KQ2P-10	PLUG	10	EA	0207-GJX2
KQ2P-11	PLUG	10	EA	0207-GH1J
KQ2P-12	PLUG	10	EA	0207-GH1H
KQ2P-13	PLUG	10	EA	0207-GH5F
KQ2P-16	PLUG	10	EA	0887-344V
KQB2P-01	PLUG	1	EA	0207-GH5N
KQB2P-03	PLUG	1	EA	0207-GH5P
KQB2P-04	PLUG	1	EA	0207-GH5R
KQB2P-06	PLUG	1	EA	0887-344W
KQB2P-07	PLUG	1	EA	0207-GHP6
KQB2P-08	PLUG	1	EA	0207-GHP7
KQB2P-09	PLUG	1	EA	0207-GH5G
KQB2P-10	PLUG	1	EA	0207-GH1G
KQB2P-11	PLUG	1	EA	0207-GH1F
KQB2P-12	PLUG	1	EA	0207-GH5H
KQB2P-13	PLUG	1	EA	0887-344X
KRP-06	PLUG	10	EA	0207-GH5T
KRP-07	PLUG	10	EA	0207-GH5V
KRP-08	PLUG	10	EA	0207-GH5W
KRP-10	PLUG	10	EA	0207-GH5X
KRP-11	PLUG	10	EA	0887-344Y

KRP-12	PLUG	10	EA	0207-GHNM
KRP-13	PLUG	10	EA	0207-GHNN
KRP-16	PLUG	10	EA	0207-GHNP
KV-P36	PLUG	1	EA	0207-GK83
KV-P38	PLUG	1	EA	0207-GH5J
KQ2R01-03A	REDUCER	10	EA	0207-GH1T
KQ2R01-05A	REDUCER	10	EA	0207-GH00
KQ2R03-05A	REDUCER	10	EA	0887-3450
KQ2R03-07A	REDUCER	10	EA	0207-GH5Y
KQ2R04-06A	REDUCER	10	EA	0207-GH60
KQ2R04-08A	REDUCER	10	EA	0207-GH61
KQ2R04-10A	REDUCER	10	EA	0207-GK84
KQ2R05-07A	REDUCER	10	EA	0207-GKDL
KQ2R05-09A	REDUCER	10	EA	0207-GK6K
KQ2R06-04A	REDUCER	10	EA	0294-A61Y
KQ2R06-08A	REDUCER	10	EA	0294-A620
KQ2R06-10A	REDUCER	10	EA	0294-A621
KQ2R06-12A	REDUCER	10	EA	0294-A622
KQ2R07-09A	REDUCER	10	EA	0294-A5XV
KQ2R07-11A	REDUCER	10	EA	0294-A61W
KQ2R08-10A	REDUCER	10	EA	0294-A6AL
KQ2R08-12A	REDUCER	10	EA	0294-A5XW
KQ2R09-11A	REDUCER	10	EA	0294-A5XX
KQ2R09-13A	REDUCER	10	EA	0294-A607
KQ2R10-12A	REDUCER	10	EA	0294-A608
KQ2R10-16A	REDUCER	10	EA	0294-A623
KQ2R11-13A	REDUCER	10	EA	0294-A624
KQ2R12-16A	REDUCER	10	EA	0294-A625
KQ2R23-04A	REDUCER	10	EA	0294-A6XY
KQB2R01-03	REDUCER	1	EA	0294-A5Y2

KQB2R03-07	REDUCER	1	EA	0294-A5XY
KQB2R04-06	REDUCER	1	EA	0294-A5Y0
KQB2R06-08	REDUCER	1	EA	0294-A5Y1
KQB2R07-09	REDUCER	1	EA	0294-A626
KQB2R08-10	REDUCER	1	EA	0294-A627
KQB2R09-11	REDUCER	1	EA	0294-A628
KQB2R10-12	REDUCER	1	EA	0294-A61X
KQB2R11-13	REDUCER	1	EA	0294-A5Y3
KQB2R12-16	REDUCER	1	EA	0294-A609
KQG2R12-16	REDUCER	1	EA	0294-A60A
KRR06-08	REDUCER	10	EA	0294-A629
KRR06-10	REDUCER	10	EA	0294-A62A
KRR08-10	REDUCER	10	EA	0294-A62F
KRR08-12	REDUCER	10	EA	0294-A62G
KRR10-12	REDUCER	10	EA	0294-A67X
KRR12-16-X269	REDUCER	10	EA	0294-A6R2
1425/T10	TEE	1	EA	0294-A6G8
1425/T12	TEE	1	EA	0294-A67J
1425/T8	TEE	1	EA	0294-A605
KGY08-01	TEE	2	EA	0294-A5YV
KQ2T01-00A	TEE	10	EA	0294-A60F
KQ2T01-34AS	TEE	10	EA	0294-A75Y
KQ2T01-35AS	TEE	10	EA	0294-A62H
KQ2T03-00A	TEE	10	EA	0294-A62J
KQ2T03-05A	TEE	10	EA	0294-A62K
KQ2T03-07A	TEE	10	EA	0294-A716
KQ2T03-32A	TEE	10	EA	0294-A713
KQ2T03-34AS	TEE	10	EA	0611-8D4T
KQ2T03-35AS	TEE	10	EA	0611-8D4V
KQ2T03-U02A	TEE	10	EA	0611-8D4W

KQ2T04-00A	TEE	10	EA	0611-8D4X
KQ2T04-01AS	TEE	10	EA	0611-8D4Y
KQ2T04-06A	TEE	10	EA	0611-8D50
KQ2T04-M5A	TEE	10	EA	0611-8D51
KQ2T05-00A	TEE	10	EA	0611-8D52
KQ2T05-34AS	TEE	10	EA	0611-8D53
KQ2T05-35AS	TEE	10	EA	0611-8D54
KQ2T06-00A	TEE	10	EA	0611-8D55
KQ2T06-01AS	TEE	10	EA	0651-38N1
KQ2T06-02AS	TEE	10	EA	0651-38N2
KQ2T06-08A	TEE	10	EA	0651-38N3
KQ2T06-M5A	TEE	10	EA	0651-38N4
KQ2T07-00A	TEE	10	EA	0651-38N5
KQ2T07-09A	TEE	10	EA	0651-38MA
KQ2T07-11A	TEE	10	EA	0651-38N6
KQ2T07-32N	TEE	10	EA	0651-38N7
KQ2T07-34AS	TEE	10	EA	0651-38N9
KQ2T07-35AS	TEE	10	EA	0651-38N8
KQ2T07-36AS	TEE	10	EA	0207-GHJL
KQ2T07-U02A	TEE	10	EA	0207-GH1M
KQ2T08-00A	TEE	10	EA	0207-GJX4
KQ2T08-01AS	TEE	10	EA	0207-GH1N
KQ2T08-02AS	TEE	10	EA	0207-GHJA
KQ2T08-03AS	TEE	10	EA	0207-GHJM
KQ2T08-10A	TEE	10	EA	0840-5840
KQ2T09-00A	TEE	10	EA	0840-584X
KQ2T09-11A	TEE	10	EA	0840-5841
KQ2T09-34AS	TEE	10	EA	0840-5849
KQ2T09-35AS	TEE	10	EA	0840-584A
KQ2T09-36AS	TEE	10	EA	0840-5842

KQ2T10-00A	TEE	10	EA	0840-584F
KQ2T10-01AS	TEE	10	EA	0840-584G
KQ2T10-02AS	TEE	10	EA	0840-584H
KQ2T10-03AS	TEE	10	EA	0840-5843
KQ2T10-04AS	TEE	10	EA	0840-5839
KQ2T10-12A	TEE	10	EA	0840-584J
KQ2T11-00A	TEE	10	EA	0840-584K
KQ2T11-34AS	TEE	10	EA	0840-584L
KQ2T11-35AS	TEE	10	EA	0840-5844
KQ2T11-36AS	TEE	10	EA	0840-5845
KQ2T11-37AS	TEE	10	EA	0840-584M
KQ2T11-U02A	TEE	10	EA	0840-584N
KQ2T11-U03A	TEE	10	EA	0840-584P
KQ2T12-00A	TEE	10	EA	0840-584R
KQ2T12-02AS	TEE	10	EA	0840-5846
KQ2T12-03A	TEE	10	EA	0840-5847
KQ2T12-03AS	TEE	10	EA	0840-584T
KQ2T12-04AS	TEE	10	EA	0840-584V
KQ2T12-10A	TEE	10	EA	0840-584W
KQ2T12-U02A	TEE	10	EA	0840-5848
KQ2T13-00A	TEE	10	EA	0840-58KX
KQ2T13-35AS	TEE	10	EA	0922-03A3
KQ2T13-36AS	TEE	10	EA	0294-A717
KQ2T13-37AS	TEE	10	EA	0368-8CX1
KQ2T16-00A	TEE	1	EA	0887-34DP
KQ2T16-U04A	TEE	1	EA	0887-34DK
KQ2Y01-34AS	TEE	10	EA	0887-34DL
KQ2Y01-35AS	TEE	10	EA	0294-A731
KQ2Y03-32N	TEE	10	EA	0294-A6XX
KQ2Y03-34AS	TEE	10	EA	0651-39JL

KQ2Y03-34NS	TEE	10	EA	0887-34F4
KQ2Y03-35AS	TEE	10	EA	0840-58HJ
KQ2Y04-01AS	TEE	10	EA	0368-8CNY
KQ2Y05-34AS	TEE	10	EA	0368-8CP0
KQ2Y05-35AS	TEE	10	EA	0368-8AHL
KQ2Y06-01AS	TEE	10	EA	0368-8CP1
KQ2Y06-U01A	TEE	10	EA	0294-A3JL
KQ2Y06-U02A	TEE	10	EA	0227-66WT
KQ2Y06-U03A	TEE	10	EA	0227-66WV
KQ2Y07-34AS	TEE	10	EA	0227-65M8
KQ2Y07-35AS	TEE	10	EA	0227-65HA
KQ2Y07-36AS	TEE	10	EA	0227-6A54
KQ2Y07-U01A	TEE	10	EA	0227-68TH
KQ2Y08-01AS	TEE	10	EA	0227-6853
KQ2Y08-02AS	TEE	10	EA	0887-33D7
KQ2Y08-03AS	TEE	10	EA	0887-33D8
KQ2Y09-34AS	TEE	10	EA	0887-33D9
KQ2Y09-35AS	TEE	10	EA	0887-33DA
KQ2Y09-36AS	TEE	10	EA	0207-GCGG
KQ2Y11-35AS	TEE	10	EA	0207-GC2M
KQ2Y11-36AS	TEE	10	EA	0887-3380
KQ2Y11-37AS	TEE	10	EA	0207-GD7F
KQ2Y11-U03A	TEE	10	EA	0207-GD7G
KQ2Y12-02AS	TEE	10	EA	0207-GD7H
KQ2Y12-04AS	TEE	10	EA	0207-GDY3
KQ2Y12-U03A	TEE	10	EA	0207-GH42
KQ2Y13-35AS	TEE	10	EA	0207-GD88
KQ2Y13-37AS	TEE	10	EA	0207-GD89
KQ2Y13-U04A	TEE	5	EA	0207-GD8A
KQ2Y16-04AS	TEE	5	EA	0207-G9MW

KQB2T01-00	TEE	1	EA	0933-43HN
KQB2T03-00	TEE	1	EA	0207-GG13
KQB2T04-00	TEE	1	EA	0887-335Y
KQB2T04-G01	TEE	1	EA	0207-GD5R
KQB2T04-G02	TEE	1	EA	0207-G9MT
KQB2T06-00	TEE	1	EA	0207-G9MV
KQB2T06-G01	TEE	1	EA	0207-GCPV
KQB2T06-G02	TEE	1	EA	0207-GC1W
KQB2T06-G03	TEE	1	EA	0207-GC1X
KQB2T07-00	TEE	1	EA	0207-GD8F
KQB2T08-00	TEE	1	EA	0207-GCXY
KQB2T08-G01	TEE	1	EA	0207-GD8G
KQB2T08-G02	TEE	1	EA	0207-GAMR
KQB2T08-G03	TEE	1	EA	0887-33D5
KQB2T09-00	TEE	1	EA	0207-GD7J
KQB2T10-00	TEE	1	EA	0207-GD7K
KQB2T10-G01	TEE	1	EA	0207-GCYN
KQB2T10-G02	TEE	1	EA	0207-GD7L
KQB2T10-G03	TEE	1	EA	0207-GDM5
KQB2T10-G04	TEE	1	EA	0207-GCPW
KQB2T11-00	TEE	1	EA	0207-GC1Y
KQB2T12-00	TEE	1	EA	0207-GC20
KQB2T12-G02	TEE	1	EA	0207-GC21
KQB2T12-G03	TEE	1	EA	0207-GHG7
KQB2T12-G04	TEE	1	EA	0207-GD8H
KQB2T13-00	TEE	1	EA	0207-GCXX
KQB2T16-00	TEE	1	EA	0207-GD8J
KQG2T16-00	TEE	1	EA	0207-G9LV
KRT06-00	TEE	10	EA	0207-G95K
KRT06-01S	TEE	10	EA	0207-GG14

KRT07-00	TEE	10	EA	0887-33D6
KRT08-00	TEE	10	EA	0207-GD51
KRT08-00W2	TEE	10	EA	0207-GD4Y
KRT10-00	TEE	10	EA	0207-GD50
KRT10-00W2	TEE	10	EA	0887-33D4
KRT11-00	TEE	10	EA	0207-GCPX
KRT12-00	TEE	10	EA	0207-GC22
KRT12-04S	TEE	5	EA	0207-GC23
KRT13-00	TEE	10	EA	0207-GD67
KRT16-00	TEE	1	EA	0207-GD8K
KRT16-00-X269	TEE	1	EA	0207-GD8L
KRY08-02S	TEE	10	EA	0207-G9LW
KRY10-03S	TEE	5	EA	0207-G9LX
KCE06-00	UNION	10	EA	0207-GAC0
KCH04-00	UNION	10	EA	0887-33D3
KCH06-00	UNION	10	EA	0207-GD8M
KCH08-00	UNION	10	EA	0207-GD8N
KCH10-00	UNION	10	EA	0207-GC24
KCH12-00	UNION	10	EA	0207-GC25
KFH06-00	UNION	10	EA	0294-A582
KFH08N-00	UNION	10	EA	0294-A583
KFH08U-00	UNION	10	EA	0294-A584
KQ2E01-00A	UNION	10	EA	0294-A585
KQ2E03-00A	UNION	10	EA	0294-A586
KQ2E04-00A	UNION	10	EA	0294-A587
KQ2E04-00AJ	UNION	10	EA	0294-A588
KQ2E05-00A	UNION	10	EA	0294-A589
KQ2E06-00A	UNION	10	EA	0294-A58A
KQ2E06-00AJ	UNION	10	EA	0294-A5FV
KQ2E07-00A	UNION	10	EA	0294-A58F

KQ2E07-00NJ	UNION	10	EA	0294-A58G
KQ2E08-00A	UNION	10	EA	0294-A5FW
KQ2E09-00A	UNION	10	EA	0294-A3VH
KQ2E10-00A	UNION	10	EA	0294-A489
KQ2E11-00A	UNION	10	EA	0294-A48A
KQ2E12-00A	UNION	5	EA	0294-A48F
KQ2E13-00A	UNION	10	EA	0294-A52K
KQ2E16-00A	UNION	1	EA	0294-A4CN
KQ2H01-00A	UNION	10	EA	0294-A522
KQ2H01-03A	UNION	10	EA	0294-A541
KQ2H01-07A	UNION	10	EA	0294-A490
KQ2H03-00A	UNION	10	EA	0294-A491
KQ2H03-05A	UNION	10	EA	0294-A492
KQ2H03-07A	UNION	10	EA	0294-A372
KQ2H04-00A	UNION	10	EA	0294-A373
KQ2H04-06A	UNION	10	EA	0294-A374
KQ2H05-00A	UNION	10	EA	0294-A36T
KQ2H05-07A	UNION	10	EA	0294-A3FJ
KQ2H06-00A	UNION	10	EA	0294-A375
KQ2H06-08A	UNION	10	EA	0294-A35N
KQ2H07-00A	UNION	10	EA	0294-A52L
KQ2H07-09A	UNION	10	EA	0294-A44H
KQ2H07-11A	UNION	10	EA	0294-A3TT
KQ2H08-00A	UNION	10	EA	0294-A3TV
KQ2H08-10A	UNION	10	EA	0294-A485
KQ2H09-00A	UNION	10	EA	0294-A45G
KQ2H09-11A	UNION	10	EA	0294-A493
KQ2H09-13A	UNION	10	EA	0294-A3VJ
KQ2H10-00A	UNION	10	EA	0294-A48G
KQ2H10-12A	UNION	10	EA	0294-A48H

KQ2H11-00A	UNION	10	EA	0294-A48J
KQ2H11-13A	UNION	10	EA	0294-A48K
KQ2H12-00A	UNION	10	EA	0294-A532
KQ2H12-16A	UNION	10	EA	0294-A44J
KQ2H13-00A	UNION	10	EA	0294-A3TW
KQ2H16-00A	UNION	10	EA	0294-A3TX
KQ2H23-00A	UNION	10	EA	0294-A3TY
KQB2H01-00	UNION	1	EA	0294-A65L
KQB2H03-00	UNION	1	EA	0294-A44K
KQB2H04-00	UNION	1	EA	0294-A45F
KQB2H06-00	UNION	1	EA	0294-A494
KQB2H06-08	UNION	1	EA	0294-A36X
KQB2H07-00	UNION	1	EA	0294-A36Y
KQB2H08-00	UNION	1	EA	0294-A5FX
KQB2H09-00	UNION	1	EA	0294-A3VK
KQB2H10-00	UNION	1	EA	0294-A47T
KQB2H11-00	UNION	1	EA	0294-A47V
KQB2H12-00	UNION	1	EA	0294-A47W
KQB2H13-00	UNION	1	EA	0294-A3VF
KQG2H04-01S	UNION	1	EA	0294-A3V7
KQG2H09-N03S	UNION	1	EA	0294-A44L
KQG2H13-N04S	UNION	1	EA	0294-A3V0
KQG2S06-01S	UNION	1	EA	0294-A3V1
KRE06-00	UNION	10	EA	0294-A486
KRE08-00	UNION	10	EA	0294-A495
KRE10-00	UNION	5	EA	0294-A496
KRE12-00	UNION	5	EA	0294-A370
KRH06-00	UNION	10	EA	0294-A371
KRH08-00	UNION	10	EA	0294-A5FY
KRH10-00	UNION	5	EA	0294-A44G

KRH12-00	UNION	5	EA	0294-A497
KRH12-16-X269	UNION	1	EA	0294-A4AA
KRH16-00-X269	UNION	1	EA	0294-A3V8
KEB06	Residual Pressure Release Valve with One-Touch Fitting and Push Button Guard, 6 mm Tubing OD	10	EA	0294-A3V2
KEB08	Residual Pressure Release Valve with One-Touch Fitting and Push Button Guard, 8 mm Tubing OD	10	EA	0889-OPHN (30320)
KEB10	Residual Pressure Release Valve with One-Touch Fitting and Push Button Guard, 10 mm Tubing OD	1	EA	0889-OPVK (30321)
KEB12	Residual Pressure Release Valve with One-Touch Fitting and Push Button Guard, 12 mm Tubing OD	1	EA	0889-OPVL (30322)
KEB16-X435	Residual Pressure Release Valve with One-Touch Fitting and Push Button Guard, 16 mm Tubing OD	1	EA	0889-OWT6 (30323)
KEC-02	VALVE	10	EA	0611-89R1
KEC-03	VALVE	10	EA	0611-89PL
KQ2U01-00A	Y	10	EA	0611-89PM
KQ2U01-34AS	Y	10	EA	0611-89V5
KQ2U01-99A	Y	10	EA	0611-89PN
KQ2U03-00A	Y	10	EA	0611-89XP
KQ2U03-07A	Y	10	EA	0611-8AN4
KQ2U03-34AS	Y	10	EA	0651-3770
KQ2U03-35AS	Y	10	EA	0651-3771
KQ2U03-99A	Y	10	EA	0651-3772
KQ2U04-00A	Y	10	EA	0651-3773
KQ2U04-01AS	Y	10	EA	0651-3774
KQ2U04-02AS	Y	10	EA	0651-37HJ
KQ2U04-99A	Y	10	EA	0840-576N
KQ2U05-00A	Y	10	EA	0840-5863
KQ2U05-99A	Y	10	EA	0840-56YA

KQ2U06-00A	Y	10	EA	0840-56W2
KQ2U06-01AS	Y	10	EA	0840-5861
KQ2U06-02AS	Y	10	EA	0840-576M
KQ2U06-03AS	Y	10	EA	0840-5860
KQ2U06-08A	Y	10	EA	0840-56WY
KQ2U06-99A	Y	10	EA	0840-576P
KQ2U06-U03A	Y	10	EA	0840-5864
KQ2U07-00A	Y	10	EA	0840-56YF
KQ2U07-09A	Y	10	EA	0840-57CT
KQ2U07-11A	Y	10	EA	0840-576L
KQ2U07-34AS	Y	10	EA	0922-0373
KQ2U07-35AS	Y	10	EA	0922-0374
KQ2U07-36AS	Y	10	EA	0922-0395
KQ2U07-99A	Y	10	EA	0922-0375
KQ2U08-00A	Y	10	EA	0922-0396
KQ2U08-10A	Y	10	EA	0922-0376
KQ2U08-99A	Y	10	EA	0922-0397
KQ2U08-U03A	Y	10	EA	0922-0364
KQ2U09-00A	Y	10	EA	0294-A45J
KQ2U09-11A	Y	10	EA	0294-A4HH
KQ2U09-13A	Y	10	EA	0294-A3V9
KQ2U09-34AS	Y	10	EA	0294-A3VA
KQ2U09-35AS	Y	10	EA	0840-5767
KQ2U09-36AS	Y	10	EA	0840-57AF
KQ2U09-99A	Y	10	EA	0294-A44M
KQ2U10-00A	Y	10	EA	0294-A3V4
KQ2U10-02AS	Y	10	EA	0294-A533
KQ2U10-03AS	Y	10	EA	0294-A44N
KQ2U10-12A	Y	10	EA	0294-A3VL
KQ2U10-99A	Y	10	EA	0294-A3V5

KQ2U11-00A	Y	5	EA	0294-A3V6
KQ2U11-13A	Y	5	EA	0207-GFHV
KQ2U11-35AS	Y	10	EA	0207-GFHW
KQ2U11-36AS	Y	10	EA	0207-GAN0
KQ2U11-37AS	Y	5	EA	0207-GFYA
KQ2U12-00A	Y	5	EA	0207-GFYF
KQ2U12-02AS	Y	1	EA	0207-GFL2
KQ2U12-16A	Y	5	EA	0294-A545
KQ2U12-99A	Y	1	EA	0294-A546
KQ2U13-00	Y	10	EA	0294-A5TA
KQ2U13-35AS	Y	5	EA	0294-A5F0
KQ2U13-36AS	Y	5	EA	0294-A5F1
KQ2U13-37AS	Y	5	EA	0294-A6FL
KQ2U16-00A	Y	5	EA	0294-A6FK
KQ2U16-04AS	Y	5	EA	0294-A54A
KQ2UD04-06A	Y	10	EA	0294-A484
KQ2UD06-08A	Y	5	EA	0294-A482
KQ2X06-08A	Y	10	EA	0294-A483
KQ2X08-10A	Y	10	EA	0294-A6FJ
KQ2X10-12A	Y	10	EA	0294-A68P
KQ2XD06-08A	Y	10	EA	0294-A6F6
KQB2U12-00	Y	1	EA	0294-A4D0
KRU06-00	Y	10	EA	0294-A6F5
KRU08-00	Y	10	EA	0933-43AK
KRU08-99	Y	10	EA	0933-4372
KRU10-00	Y	5	EA	0009-CTM6
KRU10-99	Y	5	EA	0611-8D36
KRU12-00	Y	5	EA	0611-8CWP
KRU12-99	Y	5	EA	0294-A6YY
KRU16-99-X269	Y	1	EA	0294-A5P7

GLOBAL CONTACTS

Country	Name	Office Phone	Cell Phone	Title	Email Address
SMC USA	Jessica (Rourke) Gjurashaj		(248) 408-7752	GM NA Account Manager	jrouke@smcusa.com
SMC USA	Ken Geromette		586-863-6110	Industry Specialist - Plants, WTC	kgeromette@smcusa.com
SMC USA	John Grauf		248-219-1502	Industry Specialist - Powertrain	jgrauf@smcusa.com
SMC CANADA	Rico Toteda		416-455-3546	Industry Specialist - Canada	rtoteda@smcpneumatics.ca
SMC MEXICO	Alfredo Flores Colmenero	(472) 722 5500 Ext. 4025	01 (477) 143 7735	Automotive Industry Coordinator	aflores@smcmx.com.mx
SMC AUSTRALIA	David Jamieson	(02) 9354 8222	0447 472 930	National Sales Manager	djam@smcaus.com.au
SMC AUSTRALIA	Lawrence Sule	(08) 8245 7200	0401 516 058	SA Regional Manager	lsul@smcaus.com.au
SMC AUSTRALIA	Rodney Ryan	(03) 8540 6800	0419 134 270	VIC Sales Manager	rria@smcaus.com.au
SMC AUSTRALIA	Jason Sutton	(08) 8245 7214	0400 008 588	Technical Representative	jsut@smcaus.com.au
SMC CHINA	Nigel Mayo		(86) 13917334487	SMC Shanghai Industry Liaison	nmayo@smc.com.cn
SMC CHINA	Wang Bo Weng			SMC Shanghai Car Project	wangbowen@smc.com.cn
SMC CHINA	Mr. Ma Suhua	86 136-1192-1136		Pudong Sales Office Manager	masuhua@smc.com.cn
SMC CHINA	Wang Wenwen			Car Project Sales	wangwenwen@smc.com.cn
SMC CHINA	Mr. Ji Shuanglong	86 135-8590-6224		Salesman	pd-ds@smc.com.cn
SMC EGYPT	Eng. Amr El Saadani	+ 20 2262357	1006665678	Chairman & Managing Director	Amr@saadanigroup.com.eg
SMC INDIA	Mr. Samir Kapadia	91-120-2568730/31/32	91-120-2568730	Noida	snk@smcindia.in
SMC INDIA	Mr. Rajeev Yamdagni	91-120-2568730/31/32		Noida	ryam@smcindia.in
SMC INDIA	Mr. Sanjay Shah	91-79-26407774		Ahmedabad	ahmedabad@smcindia.in
SMC INDIA	Mr. Ganapati Hegde	91-80-25731907		Bangalore	info@smcindia.in
SMC INDIA	Mr. Rahul J. Kulkarni	91-20-66010320 / 99		Pune	pune@smcindia.in
SMC INDONESIA	Mr. Jap Ricky Yanato			Managing Director	info@smcindonesia.com
SMC INDONESIA	Mr. Zainudin			Sales Manager	zainudin@smcid.co.id
SMC JAPAN	Mr. Y Omata	03-5207-8246		Manager International Business Div1	omata-c@smcjp.co.jp

SMC KOREA	Mr. TJ-Nam			National Sales Manager	taekjoon@smckorea.co.kr
SMC KOREA	Mr. YJ-Yoon		(82) 010-8923-5988	Manager KCP	yiyoona@smckorea.co.kr
SMC RUSSIA	Sergey Lokshin	7831-4193855, 4198006, 4198012	79107900775	Car Project Manager	lokshin.sergey@smc-pneumatik.ru
SMC RUSSIA	Anton Feofanov	7812-3036600, 3036601	79219523903	Regional Sales Manager	Feofanov.Anton@smc-pneumatik.ru
SMC SOUTH AFRICA	Helmut P. Schwabe	27 (0)11 386-5850		General Manager	hps@hyflo.co.za
SMC THAILAND	Soonthorn P.	02-963-7099	08-1636-3907	SMC Sales Manager	sal-soonthorn.p@mail.smcthai.co.th
SMC THAILAND	Somkiat S.	038-313-800-6	08-1810-0351	Regional Sales Manager	somkiat@chavanan.com
SMC THAILAND	Ms. Wilailak C.	0-2963-7099 Ext 114		Automotive Project Coordinator	sal-wilailak.c@mail.smcthai.co.th
SMC THAILAND	Kashane S.	038-313-800-6	08-1654-5312	CCL Sales Executive	kashane@chavanan.com
SMC THAILAND	Witthaya S.	038-337-559-60	08-1651-6747	SMC Eastern Seaboard Senior Sales Engineer	sal-witthaya.s@mail.smcthai.co.th
SMC GERMANY	Alexander Banzhaf	49 (0) 7243 / 21673-0	49 (0) 162 / 2999 662	Car Project Manager - SMC Germany	Banzhaf.Alexander@smc.de
SMC GERMANY	Alexander Weyrauch	+49 (0) 6103 / 402-0	49 (0) 162 / 2999 634	Key Account Manager	weyrauch.alexander@smc.de
SMC UZBEKISTAN	Evgeny Shlemin	7812-3036600, 3036601	79213354696	Area Sales Manager	Shlemin.Evgeny@smc-pneumatik.ru
SMC ARGENTINA	Carlos Mottironi			GM Sales	smcrosario@smcar.com.ar
SMC ARGENTINA	Ernesto Gesualdi	0810-555-55762		General Manager	ErnestoGesualdi@smcar.com.ar
SMC ARGENTINA	Eduardo Termine			Car Project Manager	smcept@smcar.com.ar
MC BRAZIL	Alan toniette de Assiz	55 11 4082-0623	55 11 8988-1819	National Sales Manager	aassiz@smcbr.com.br
SMC BRAZIL	Cláudio Barbosa Peres	55 11 4082-0600	55 11 7633-1926	Car Project Manager - SMC Brazil	cperes@smcbr.com.br
SMC BRAZIL	Humberto Visconte	55 11 4082-0600		Managing Director	hvisconte@smcbr.com.br
SMC CHILE	Manuel Fernández Roa			Sales Manager	ventas@smcchile.cl
SMC CHILE	Alejandro Vilche	2-27086000		General Manager	gerencia@smcchile.cl
SMC COLOMBIA	Manuel Fernández Roa	57-1-3290433	57-317-643-3816	General Manager	gerencia@smc.com.co
SMC ECUADOR	Gabriel Tufino	(593)-2-6003690/91/92	593-096003236	Sales Manager	gtufino@assistech.com.ec
SMC ECUADOR	Alberto Salguero	(593)-2-6003690/91/92	593-096003235	General Manager	asalguero@assistech.com.ec
SMC VENEZUELA	Carlos Salcedo	58 241 8345617	58 4143422111	Sales Manager	smcval1@ifxnw.com.ve



SMC VENEZUELA	Paul Krueger	58 212 6321876	58 4144254705	General Manager	smcval@ifxnw.com.ve
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REVISION DETAILS