



FORD MOTOR COMPANY
SMC Component Catalog

3-18-2020

Index

Valves/Manifold/SI Unit

VQC4000

VQC5000

EX600 Serial Interface Unit

Hand Valve, Solenoid Valve, Resin Fittings

Water Saver

Water Saver, Process Valve, Flow Sensor

Tubing/Fitting

Flame Resistant Fitting, KR Series

Flame Resistant Tubing

Actuators & Air Preparation Equipment

CKZ3N Clamp Cylinder

Pin Clamp Cylinder

Shot Pin Cylinder

Cylinder, Filter, Pressure Switch, Gauge

C96 ISO Cylinder

Single Point Lessons

Procedure for the installation of the VQC4000/5000 manifolds

Fieldbus System EtherNet/IP compatible SI Unit EX600

Water Saver/ Operation procedure, Flow Setting, Key Lock Function, Bypass

Ford & OEM Contact List/Tech Support

SMC Global Contact List & Technical Support list

VQC4000

Drawing	SMC Part Number	Description	Comment
		Valves	
 -X503	VQC4101-51-X503	Valve, Single Solenoid Spring Return	
	VQC4201-51-X503	Valve, Double Solenoid 2 Position	
	VQC4301-51-X503	Valve, 3 Position Closed Center	
	VQC4401-51-X503	Valve, 3 Position Open Center	
	VQC4501-51-X503	Valve, 3 Position Pressure Center	
	VQC4101-51	Valve, Single Solenoid Spring Return	
 -X561	VQC4201-51	Valve, Double Solenoid 2 Position	
	VQC4301-51	Valve, 3 Position Closed Center	
	VQC4401-51	Valve, 3 Position Open Center	
	VQC4501-51	Valve, 3 Position Pressure Center	
	VQC4301-5-X60	Valve, 3 Position Closed Center	
	VQC4401-51-X61	Valve, 3 Position Open Center	
	VQC4401-51-X561	Valve, 3 Position Open Center	
		Subplates	
	VQ4000-PW-03T-DAM00278	Subplate w/ 4 Pin Connector	
	VQ4000-PW-DAK00314	VQ4000 Subplate	
		Manifolds	
 VQC Catalog	VV5QC41-0203FSD0	VQC4000 Manifold, 2 station, G thread	
	VV5QC41-0203TSD0	VQC4000 Manifold, 2 station, NPTF thread	
	VV5QC41-0303FSD0	VQC4000 Manifold, 3 station, G thread	
	VV5QC41-0303TSD0	VQC4000 Manifold, 3 station, NPTF thread	
	VV5QC41-0303TSD0A	VQC4000 Manifold, 3 station, NPTF thread	
	VV5QC41-0403FSD0	VQC4000 Manifold, 4 station, G thread	
	VV5QC41-0403TSD0	VQC4000 Manifold, 4 station, NPTF thread	
	VV5QC41-0403TSD0A	VQC4000 Manifold, 4 station, NPTF thread	
	VV5QC41-0503TSD0	VQC4000 Manifold, 5 station, NPTF thread	
	VV5QC41-0603FSD0	VQC4000 Manifold, 6 station, G thread	
	VV5QC41-0603TSD0	VQC4000 Manifold, 6 station, NPTF thread	
	VV5QC41-0603TSD0A	VQC4000 Manifold, 6 station, NPTF thread	
	VV5QC41-0703FSD0	VQC4000 Manifold, 7 station, G thread	
	VV5QC41-0703TSD0	VQC4000 Manifold, 7 station, NPTF thread	
	VV5QC41-0803FSD0	VQC4000 Manifold, 8 station, G thread	
	VV5QC41-0803TSD0	VQC4000 Manifold, 8 station, NPTF thread	

VQC4000

 -X503 Catalog	 -DAM00278	 -DAK00314
--	--	--

Drawing	SMC Part Number	Description	Comment
		Accessories	
	VVQC4000-1B-D-03F	MANIFOLD BLOCK	
	VVQC4000-1B-D-03T	MANIFOLD BLOCK	
	VVQC4000-2A-1F	VQC MANIFOLD	
	VVQC4000-2A-1T	VQC U SIDE END PLATE	
	VVQC4000-3A-2F	VQC MANIFOLD	
	ARBQ4000-00-A-1	INTERFACE REGULATOR, VQ4000	
	ARBQ4000-00-B-1	INTERFACE REGULATOR, VQ4000	
	ARBQ4000-00-P-1	INTERFACE REGULATOR, VQ4000	
	VVQ4000-10A-1	BLANK PLATE ASSY	
	VVQ4000-16A	SUP/EXH BLOCK DISC	
	VVQ4000-20A-1	INTERFACE SPEED CONTROL	
	VVQ4000-P-1-03F	SUPPLY SPACER	
	VVQ4000-P-1-03T	SUPPLY RELOCATION BLOCK	
	VVQ4000-R-1-03F	EXHAUST SPACER	
	VVQ4000-R-1-03T	INDIVIDUAL EXHAUST SPACER	
	VVQ4000-P-1-02	VQ4000 Individual SUP Spacer	
	VVQ4000-P-1-03	VQ4000 Individual SUP Spacer	
	VVQ4000-R-1-02	VQ4000 Individual EXH Spacer	
	VVQ4000-R-1-03	VQ4000 Individual EXH Spacer	
	VVQ5000-P-1-02	VQ4000 Individual SUP Spacer	
	VVQ5000-P-1-03	VQ4000 Individual SUP Spacer	
	VVQ5000-R-1-02	VQ4000 Individual EXH Spacer	
	VVQ5000-R-1-03	VQ4000 Individual EXH Spacer	

Drawing	SMC Part Number	Description	Comment
		Valves	
 -X503	VQC5101-51-X503	Valve, Single Solenoid Spring Return	
	VQC5201-51-X503	Valve, Double Solenoid 2 Position	
	VQC5301-51-X503	Valve, 3 Position Closed Center	
	VQC5401-51-X503	Valve, 3 Position Open Center	
	VQC5501-51-X503	Valve, 3 Position Pressure Center	
 -X561	VQC5101-51	Valve, Single Solenoid Spring Return	
	VQC5201-51	Valve, Double Solenoid 2 Position	
	VQC5301-51	Valve, 3 Position Closed Center	
	VQC5401-51	Valve, 3 Position Open Center	
	VQC5501-51	Valve, 3 Position Pressure Center	
	VQC5401-51-X561	Valve, 3 Position Open Center	
		Subplates	
 -DAK00315	VQ5000-PW-DAK00315	VQ5000 Subplate	
 -DAK00279	VQ5000-PW-DAM00279	VQ5000 Subplate w/M12 Connector	
		Manifolds	
 VQC Catalog	VV5QC51-0204FSD0	VQC5000 Manifold, 2 station, G thread	
	VV5QC51-0204TSD0	VQC5000 Manifold, 2 station, NPTF thread	
	VV5QC51-0304FSD0	VQC5000 Manifold, 3 station, G thread	
	VV5QC51-0304TSD0	VQC5000 Manifold, 3 station, NPTF thread	
	VV5QC51-0404FSD0	VQC5000 Manifold, 4 station, G thread	
	VV5QC51-0404TSD0	VQC5000 Manifold, 4 station, NPTF thread	
	VV5QC51-0504FSD0	VQC5000 Manifold, 5 station, G thread	
	VV5QC51-0504TSD0	VQC5000 Manifold, 5 station, NPTF thread	
	VV5QC51-0604FSD0	VQC5000 Manifold, 6 station, G thread	
	VV5QC51-0604TSD0	VQC5000 Manifold, 6 station, NPTF thread	
	VV5QC51-0704TSD0	VQC5000 Manifold, 7 station, NPTF thread	
	VV5QC51-0804FSD0	VQC5000 Manifold, 8 station, G thread	
	VV5QC51-0804TSD0	VQC5000 Manifold, 8 station, NPTF thread	
	VVQC5000-1B-D-04F	MANIFOLD BLOCK	
	VVQC5000-1B-D-04T	MANIFOLD BLOCK	
		Accessories	
	ARBQ5000-00-A-1	INTERFACE REGULATOR, VQ5000	
	ARBQ5000-00-B-1	INTERFACE REGULATOR, VQ5000	
	ARBQ5000-00-P-1	INTERFACE REGULATOR, VQ5000	
	VVQ5000-10A-1	BLANKING PLATE	
	VVQ5000-16A-1	SUP BLOCK PLATE	
	VVQ5000-16A-2	EXH BLOCK PLATE	
	VVQ5000-20A-1	THROTTLE VALVE SPACER	
	VVQ5000-2A-1F-L-W	U-SIDE ENDPLATE	
	VVQ5000-2A-1T-L-W	U-SIDE ENDPLATE	
	VVQ5000-P-1-04F	INDIVIDUAL SUP SPACER, VQ5000	
	VVQ5000-P-1-04T	INDIVIDUAL SUP SPACER, VQ5000	
	VVQ5000-R-1-04F	INDIVIDUAL EXH SPACER, VQ5000	
	VVQ5000-R-1-04T	INDIVIDUAL EXH SPACER, VQ5000	
	VVQC5000-3A-2F	END PLATE ASSEMBLY	

EX600 Serial Interface

Drawing	SMC Part Number	Description	Comment
EtherNET/IP Serial Interface Unit			
 EX600-SEN5-X16	EX600-SEN5-X16	SI Unit Ethernet/IP	
	EX600-SEN3	SI Unit Ethernet/IP	
I/O Modules			
 EX600-DXPD-X16	EX600-AXA	ANALOG IN UNIT 2 IN M12 CON	
	EX600-AYA	ANALOG OUT UNIT 2 OUT M12 CON	
	EX600-DXPD	DIGITAL IN PNP 16 IN M12 CON	
 EX600-DYPD-X16	EX600-DXPD-X16	DIGITAL IN PNP 16 IN M12 CON	
	EX600-DYPB	DIG OUT, PNP, 8 OUT, M12 CON	
	EX600-DYPB-X16	DIG OUT, PNP, 8 OUT, M12 CON	
Connectors			
 EX600-ED3-X16	PCA-1558810	Power Supply Connector, 7/8", 2m Straight	
	PCA-1558823	Power Supply Connector, 7/8", 6m Straight	
	PCA-1558836	Power Supply Connector, 7/8", 2m Right Angle	
	PCA-1558849	Power Supply Connector, 7/8", 6m Right Angle	
	PCA-1564927	Power Supply Connector, Speedcon, 2m Straight	
	PCA-1564930	Power Supply Connector, Speedcon, 6m Straight	
	PCA-1564943	Power Supply Connector, Speedcon, 2m Right Angle	
	PCA-1564969	Power Supply Connector, Speedcon, 6m Right Angle	
	PCA-1558797	Connector Plug, 7/8"	
	PCA-1558807	Connector Socket, 7/8"	
	VVQ1000W-130A-1	M12 CONNECTOR	
Accessories			
	EX600-ED2	End Plate M12 5Pin	
	EX600-ED3-X16	END PLATE	
	EX9-AWTS	SEAL CAP FOR M12 (10PCS)	
	EX600-ZMA2	END PLATE BRACKET	
	EX600-ZMV1	Valve Plate	
	EX600-ZMB1	Reinforcing Brace for direct mounting	
	EX600-ZMB2	Reinforcing Brace for DIN rail mounting	
	EX600-ZT1	Marker, 1 sheet, 88 pcs	

EX600 Series Catalogs

EX600 catalog

EX600 X16 catalog



EX600 Catalog



EX600-X16 Catalog

Hand Valve, Solenoid Valve, Fittings

Drawing	SMC Part Number	Description	Comment
		Hand Valve	
	VH401-N04	Hand Valve, 1/2" NPT, 3 Pos Exhaust Center	
	VH601-N10	Hand Valve	
		Solenoid Valve	
	SYJ712-5DO-01F	SYJ700 Valve, Normally Closed, 24VDC	
	VP3165-065DLA1-N	Solenoid Valve	
	VP3165-101DLA-N	Solenoid Valve	
	VP3165-125DA-N	Solenoid Valve	
	VP542R-1D1-03NA	Solenoid Valve	
	VP742R-3D1-04NA	Solenoid Valve	
		Silencer	
	INA-25-76S-XG	Silencer	
		Speed Controller	
	ASP430F-U02-08-X352	SPEED CONTROLLER, PILOT CHECK VALVE	
		Fittings	
	KQ2H11-36AS	Fitting, Male Connector, 3/8" Tubing, 3/8"NPT	
	KQ2H13-36AS	Fitting, Male Connector, 1/2" Tubing, 3/8"NPT	
	KQ2U06-00A	Fitting, Union, 6mm	
	KQ2U08-00A	Fitting, Union, 8mm	
	KQ2U10-00A	Fitting, Union, 10mm	
	KQ2U12-00A	Fitting, Union, 12mm	

Water Saver, Process Valve, Flow Sensor

Drawing	SMC Part Number	Description	Comment
		Water Saver	
 -DUN01198	VNB3-DUN01198	Weld Water Plate Assy	
	VN3-4BA	Valve Element	
		Process Valve	
 VNB Catalog	VNB314A-N20A-5DZ-B	Process Valve	
		Flow Sensor	
 PF2W Catalog	PF2W720-F03-67N	Digital Flow Switch for Water, 3/8" G thread, PNP	
	PF2W720-F04-67N	Digital Flow Switch for Water, 1/2" G thread, PNP	
	PF2W720-N04-67N-M	Digital Flow Switch for Water, 1/2" NPT thread, PNP	
	PF2W740T-N06-67N	Digital Flow Switch for Water, 3/4" NPT thread, PNP	

KR Series Flame Resistant Fittings

Drawing	G Thread	Description	NPT Thread	Description
 KR Catalog	KRH06-G01	Fitting, 6mm Tube, 1/8" G Straight	KRH07-34S	Fitting, 1/4 tube, 1/8" NPT Straight
	KRH06-G02	Fitting, 6mm Tube, 1/4 G Straight	KRH07-35S	Fitting, 1/4 tube, 1/4" NPT Straight
	KRH06-G03	Fitting, 6mm Tube, 3/8" G Straight	KRH07-36S	Fitting, 1/4 tube, 3/8" NPT Straight
	KRH08-G01	Fitting, 8mm Tube, 1/8" G Straight		
	KRH08-G02	Fitting, 8mm Tube, 1/4 G Straight		
	KRH08-G03	Fitting, 8mm Tube, 3/8" G Straight		
			KRH11-34S	Fitting, 3/8 tube, 1/8" NPT Straight
	KRH10-G02	Fitting, 10mm Tube, 1/4" G Straight	KRH11-35S	Fitting, 3/8 tube, 1/4" NPT Straight
	KRH10-G03	Fitting, 10mm Tube, 3/8 G Straight	KRH11-36S	Fitting, 3/8 tube, 3/8" NPT Straight
	KRH10-G04	Fitting, 10mm Tube, 1/2" G Straight	KRH11-37S	Fitting, 3/8 tube, 1/2" NPT Straight
	KRH12-G02	Fitting, 12mm Tube, 1/4" G Straight	KRH13-35S	Fitting, 1/2 tube, 1/4" NPT Straight
	KRH12-G03	Fitting, 12mm Tube, 3/8 G Straight	KRH13-36S	Fitting, 1/2 tube, 3/8" NPT Straight
	KRH12-G04	Fitting, 12mm Tube, 1/2" G Straight	KRH13-37S	Fitting, 1/2 tube, 1/2" NPT Straight
	KRL06-G01	Fitting, 6mm Tube, 1/8" G Elbow	KRL07-34S	Fitting, 1/4 tube, 1/8" NPT Elbow
	KRL06-G02	Fitting, 6mm Tube, 1/4 G Elbow	KRL07-35S	Fitting, 1/4 tube, 1/4" NPT Elbow
	KRL06-G03	Fitting, 6mm Tube, 3/8" G Elbow	KRL07-36S	Fitting, 1/4 tube, 3/8" NPT Elbow
	KRL08-G01	Fitting, 8mm Tube, 1/8" G Elbow		
	KRL08-G02	Fitting, 8mm Tube, 1/4 G Elbow		
	KRL08-G03	Fitting, 8mm Tube, 3/8" G Elbow		
			KRL11-34S	Fitting, 3/8 tube, 1/8" NPT Elbow
	KRL10-G02	Fitting, 10mm Tube, 1/8" G Elbow	KRL11-35S	Fitting, 3/8 tube, 1/4" NPT Elbow
	KRL10-G03	Fitting, 10mm Tube, 1/4 G Elbow	KRL11-36S	Fitting, 3/8 tube, 3/8" NPT Elbow
	KRL10-G04	Fitting, 10mm Tube, 3/8" G Elbow	KRL11-37S	Fitting, 3/8 tube, 1/2" NPT Elbow
	KRL12-G02	Fitting, 12mm Tube, 1/8" G Elbow	KRL13-35S	Fitting, 1/2 tube, 1/4" NPT Elbow
	KRL12-G03	Fitting, 12mm Tube, 1/4 G Elbow	KRL13-36S	Fitting, 1/2 tube, 3/8" NPT Elbow
	KRL12-G04	Fitting, 12mm Tube, 3/8" G Elbow	KRL13-37S	Fitting, 1/2 tube, 1/2" NPT Elbow
	KRP-06	6 mm Plug	KRP-07	1/4" Plug
	KRP-08	8 mm Plug		
	KRP-10	10 mm Plug	KRP-11	3/8" Plug
	KRP-12	12 mm Plug	KRP-13	1/2" Plug
	KRT06-00	6 mm Tee	KRT07-00	1/4" Tee
	KRT08-00	8 mm Tee		
	KRT10-00	10 mm Tee	KRT11-00	3/8" Tee
	KRT12-00	12 mm Tee	KRT13-00	1/2" Tee
	KRR06-08	8 mm to 6 mm Reducer	KRR07-11	3/8" to 1/4" Reducer
	KRR06-10	10 mm to 6 mm Reducer	KRR07-13	1/2" to 1/4" Reducer
	KRR08-10	10 mm to 8 mm Reducer	KRR11-13	1/2" to 3/8" Reducer
	KRR08-12	12 mm to 8 mm Reducer		
	KRR10-12	12 mm to 10 mm Reducer		
	KR-06C	6 mm Button Covers	KR-07C	1/4" Button Covers
	KR-08C	8 mm Button Covers		
	KR-10C	10 mm Button Covers	KR-11C	3/8" Button Covers
	KR-12C	12 mm Button Covers	KR-13C	1/2" Button Covers

Flame Resistant Tubing

Drawing	Metric Tubing	Description	Inch Tubing	Description
 TRBU Catalog  IN-241 Catalog	6mm Tubing:		1/4" Tubing	
	TRBU0604B-20	Double Wall Black Tubing 20 Meter Roll	IN-241-3307B	Double Wall Black Tubing, 100 Meter Roll
	TRBU0604B-100	Double Wall Black Tubing 100 Meter Roll	IN-241-3307BU	Double Wall Blue Tubing, 100 Meter Roll
	TRBU0604BU-20	Double Wall Blue Tubing 20 Meter Roll	IN-241-3307G	Double Wall Green Tubing, 100 Meter Roll
	TRBU0604BU-100	Double Wall Blue Tubing 100 Meter Roll	IN-241-3307R	Double Wall Red Tubing, 100 Meter Roll
	TRBU0604R-20	Double Wall Red Tubing 20 Meter Roll	IN-241-3307W	Double Wall White Tubing, 100 Meter Roll
	TRBU0604R-100	Double Wall Red Tubing 100 Meter Roll	IN-241-3307Y	Double Wall Yellow Tubing, 100 Meter Roll
	TRBU0604W-20	Double Wall White Tubing 20 Meter Roll		
	TRBU0604W-100	Double Wall White Tubing 100 Meter Roll		
	8mm Tubing:			
	TRBU0805B-20	Double Wall Black Tubing 20 Meter Roll		
	TRBU0805B-100	Double Wall Black Tubing 100 Meter Roll		
	TRBU0805BU-20	Double Wall Blue Tubing 20 Meter Roll		
	TRBU0805BU-100	Double Wall Blue Tubing 100 Meter Roll		
	TRBU0805R-20	Double Wall Red Tubing 20 Meter Roll		
	TRBU0805R-100	Double Wall Red Tubing 100 Meter Roll		
	TRBU0805W-20	Double Wall White Tubing 20 Meter Roll		
	TRBU0805W-100	Double Wall White Tubing 100 Meter Roll		
	10mm Tubing:		3/8" Tubing:	
	TRBU1065B-20	Double Wall Black Tubing 20 Meter Roll	IN-241-3308B	Double Wall Black Tubing, 100 Meter Roll
	TRBU1065BU-20	Double Wall Blue Tubing 20 Meter Roll	IN-241-3308BU	Double Wall Blue Tubing, 100 Meter Roll
	TRBU1065BU-100	Double Wall Blue Tubing 100 Meter Roll	IN-241-3308G	Double Wall Green Tubing, 100 Meter Roll
	TRBU1065R-20	Double Wall Red Tubing 20 Meter Roll	IN-241-3308R	Double Wall Red Tubing, 100 Meter Roll
	TRBU1065R-100	Double Wall Red Tubing 100 Meter Roll	IN-241-3308W	Double Wall White Tubing, 100 Meter Roll
	TRBU1065W-20	Double Wall White Tubing 20 Meter Roll	IN-241-3308Y	Double Wall Yellow Tubing, 100 Meter Roll
	TRBU1065W-100	Double Wall White Tubing 100 Meter Roll		
	12mm Tubing:		1/2" Tubing:	
	TRBU1208B-20	Double Wall Black Tubing 20 Meter Roll	IN-241-3309B	Double Wall Black Tubing, 100 Meter Roll
	TRBU1208B-100	Double Wall Black Tubing 100 Meter Roll	IN-241-3309BU	Double Wall Blue Tubing, 100 Meter Roll
	TRBU1208BU-20	Double Wall Blue Tubing 20 Meter Roll	IN-241-3309G	Double Wall Green Tubing, 100 Meter Roll
	TRBU1208BU-100	Double Wall Blue Tubing 100 Meter Roll	IN-241-3309R	Double Wall Red Tubing, 100 Meter Roll
	TRBU1208R-20	Double Wall Red Tubing 20 Meter Roll	IN-241-3309W	Double Wall White Tubing, 100 Meter Roll
	TRBU1208R-100	Double Wall Red Tubing 100 Meter Roll	IN-241-3309Y	Double Wall Yellow Tubing, 100 Meter Roll
	TRBU1208W-20	Double Wall White Tubing 20 Meter Roll		
	TRBU1208W-100	Double Wall White Tubing 100 Meter Roll		

Clamp Cylinder

Drawing	"G" thread porting	Description	NPT Porting	Description
 CKZ2N Catalog  CKZ3N Catalog	50mm Bore, G thread		50mm Bore, NPT thread	
	CKZ3N50TF-15DTF-X2742A	CLAMP CYLINDER, 15 DEG, G THREAD	CKZ3N50-15DTF-X2742A	CLAMP CYLINDER, 15 DEG, NPT THREAD
	CKZ3N50TF-30DTF-X2742A	CLAMP CYLINDER, 30 DEG, G THREAD	CKZ3N50-30DTF-X2742A	CLAMP CYLINDER, 30 DEG, NPT THREAD
	CKZ3N50TF-45DTF-X2742A	CLAMP CYLINDER, 45 DEG, G THREAD	CKZ3N50-45DTF-X2742A	CLAMP CYLINDER, 45 DEG, NPT THREAD
	CKZ3N50TF-60DTF-X2742A	CLAMP CYLINDER, 60 DEG, G THREAD	CKZ3N50-60DTF-X2742A	CLAMP CYLINDER, 60 DEG, NPT THREAD
	CKZ3N50TF-75DTF-X2742A	CLAMP CYLINDER, 75 DEG, G THREAD	CKZ3N50-75DTF-X2742A	CLAMP CYLINDER, 75 DEG, NPT THREAD
	CKZ3N50TF-90DTF-X2742A	CLAMP CYLINDER, 90 DEG, G THREAD	CKZ3N50-90DTF-X2742A	CLAMP CYLINDER, 90 DEG, NPT THREAD
	CKZ3N50TF-105DTF-X2742A	CLAMP CYLINDER, 105 DEG, G THREAD	CKZ3N50-105DTF-X2742A	CLAMP CYLINDER, 105 DEG, NPT THREAD
	CKZ3N50TF-120DTF-X2742A	CLAMP CYLINDER, 120 DEG, G THREAD	CKZ3N50-120DTF-X2742A	CLAMP CYLINDER, 120 DEG, NPT THREAD
	CKZ3N50TF-135DTF-X2742A	CLAMP CYLINDER, 135 DEG, G THREAD	CKZ3N50-135DTF-X2742A	CLAMP CYLINDER, 135 DEG, NPT THREAD
	63mm Bore, G thread		63mm Bore, NPT thread	
	CKZ3N63TF-15DTF-X2742A	CLAMP CYLINDER, 15 DEG, G THREAD	CKZ3N63-15DTF-X2742A	CLAMP CYLINDER, 15 DEG, NPT THREAD
	CKZ3N63TF-30DTF-X2742A	CLAMP CYLINDER, 30 DEG, G THREAD	CKZ3N63-30DTF-X2742A	CLAMP CYLINDER, 30 DEG, NPT THREAD
	CKZ3N63TF-45DTF-X2742A	CLAMP CYLINDER, 45 DEG, G THREAD	CKZ3N63-45DTF-X2742A	CLAMP CYLINDER, 45 DEG, NPT THREAD
	CKZ3N63TF-60DTF-X2742A	CLAMP CYLINDER, 60 DEG, G THREAD	CKZ3N63-60DTF-X2742A	CLAMP CYLINDER, 60 DEG, NPT THREAD
	CKZ3N63TF-75DTF-X2742A	CLAMP CYLINDER, 75 DEG, G THREAD	CKZ3N63-75DTF-X2742A	CLAMP CYLINDER, 75 DEG, NPT THREAD
	CKZ3N63TF-90DTF-X2742A	CLAMP CYLINDER, 90 DEG, G THREAD	CKZ3N63-90DTF-X2742A	CLAMP CYLINDER, 90 DEG, NPT THREAD
	CKZ3N63TF-105DTF-X2742A	CLAMP CYLINDER, 105 DEG, G THREAD	CKZ3N63-105DTF-X2742A	CLAMP CYLINDER, 105 DEG, NPT THREAD
	CKZ3N63TF-120DTF-X2742A	CLAMP CYLINDER, 120 DEG, G THREAD	CKZ3N63-120DTF-X2742A	CLAMP CYLINDER, 120 DEG, NPT THREAD
	CKZ3N63TF-135DTF-X2742A	CLAMP CYLINDER, 135 DEG, G THREAD	CKZ3N63-135DTF-X2742A	CLAMP CYLINDER, 135 DEG, NPT THREAD

Pin Clamp Cylinders

32 mm bore CKQG catalog

50 mm bore CLKQG catalog



CKQG Catalog



CLKQG Catalog

CKZP Shot Pin Cylinder

Shot Pin Cylinder



CKZP Catalog

Cylinder, Filter, Pressure Switch, Gauge

Drawing	SMC Part Number	Description	Comment
		Cylinder	
	CDM2YB40-915-DCU0329U	SPECIAL CYLINDER	
	CQ2D40TF-150DCMZ	SPECIAL CYLINDER	
	CQ2L40-30Z-DUX01380	SPECIAL CYLINDER	
	CS1L300TN-150-DUU00226	SPECIAL CYLINDER	
		Air Preparation	
	AF50-DDM00013	3/4" AIR PREP UNIT W/REGULATOR	
	AF50-DDM00015	3/4" AIR PREP UNIT	
	AF50-DUQ01886	3/4" AIR PREP UNIT	
	AF60-DDM00018	1" AIR PREP UNIT	
	AF60-DDM00067	1" AIR PREP UNIT	
		Pressure Switch & Gauge	
	ISE40A-N01-Y-P-X531	2-Color Hi Precision Digital Pressure Switch	
	ISE70-N02-67-P	2-Color Digital Pressure Switch for Air	
	ISE75-N02-67-P	2-Color Digital Pressure Switch for Air	
	K40-MP1.0-N01MS	Pressure Gauge, 1/8" NPT, MPa and NPT	
	K50-MP1.0-N02MS	Pressure Gauge, 1/4" NPT, MPa and NPT	

C96 ISO Cylinder

Reference Drawings



-DUV01906



-DUV02041



-DUV02438

Standard C96 ISO Cylinder catalog



C96 Catalog

Single Point Lessons

Procedure for the installation of the VQC4000/5000 manifolds



VQC single point
lesson

Fieldbus System Operation Manual EX600 Series



EX600 Operation
Manual

Water Saver/ Operation procedure, Flow Setting, Key Lock Function, Bypass



Single Point Lesson



FORD & OEM Contact List

For P703 and U704 Projects

Name	Location	email address	Ph Number
Eduardo Termina	Argentina	smcept@smcar.com.ar	(54) 11- 5760-8053
Carlos Mottironi	Argentina	smccrm@smcar.com.ar	
Claudio Peres	Brazil	cperes@smcbr.com.br	(55) 11 97633-1926
Leandro Galhardo	Brazil	lgalhardo@smcbr.com.br	(55) 11 98881-3045
Cameron Dupuis	Canada	cdupuis@smcpneumatics.ca	(519) 551-5173
Rico Toteda	Canada	rtoteda@smcpneumatics.ca	416 455 3546
Mark Louis	China	mlouis@smcusa.com	(86) 1850-172-5061
Gu Yong	China	guyong@smc.com.cn	
Lushuai Yang	China	yanglushuai@smc.com.cn	(86) 186-1010-9791
Huang Kaiyo	China	huangkaiyao@smc.com.cn	(86) 182-2159-9626
Jessica Rourke	Detroit, Michigan	jrourke@smcusa.com	(248) 408-7752
Ignacio Leal	Detroit, Michigan	ileal@smcusa.com	248 221 8480
Douglas Galer	Detroit, Michigan	dgaler@smcusa.com	248 240 9870
Matt Oi	Detroit, Michigan	moi@smcusa.com	248 770 1819
Lou Jaros	Detroit, Michigan	ljaros@smcusa.com	248 808 1642
Bjoern Dammers	Germany	dammers.bjoern@smc.de	(49) 162 2992907
Hu Can Qiang	Guanzhou, China	g118@smcgz.cn	(86) 135-7009-4295
P.K. Sood	India	pk@smcindia.in	
Ganapati Hegde	India	ghe@smcindia.in	
Francesco DeMaria	Italy	francesco.demaria@smcitalia.it	(39) 348 3580075
Nicola Furchi	Italy	nicola.furchi@mi.smcitalia.it	
Mark Williams	Japan	markwilliams@smcjp.co.jp	(81) 80 1376 1635
Iwao Sujino	Japan	sujino.iwao@smcjp.co.jp	
Chaewon Jeon	Korea	cwjeon@smckorea.co.kr	
Hiroaka Ikeda	Korea	ikeda@smckorea.co.kr	
Stephen Tantaró	Melbourne, Australia	stephen.tantaró@smcanz.com	(61) 417 917 287
Alfredo Flores	Mexico	aflores@smcmx.com.mx	52 (477) 143 77 35
Manuel Vanegas	Mexico	mvanegas@smcmx.com.mx	(52) 472 133 9500
Luis Jordan	Mexico	ljordan@smcmx.com.mx	+52(222) 413 5842
Ernest Snyders	South Africa	esnyders@smcza.co.za	(27) 71 414 2190
Gustavo Ordonana	Spain	Gordonan@smc.smces.es	(34) 600 916 187
Anucha Thongprasom	Thailand	sal-anucha.t@mail.smcthai.co.th	(66) 2-019-5656
Mr. Chairat	Thailand	sal-chairat.t@mail.smcthai.co.th	(66) 6-3207-1552
Mr. Songsak	Thailand	sal-songsak.t@mail.smcthai.co.th	
Stuart Cheyne	UK	scheyne@smc.uk	(44) 07867 142210



FORD & OEM Tech Support List / For P703 and U704 Projects

Name	Remarks	Location	email address	Ph Number
Daniel Salerno	EX600	Argentina	ingeniera1@smcar.com.ar	(54) 9 11 4715 0233
Valentin Ladrero	Product Specialist	Argentina	ingeniera1@smcar.com.ar	(54) 9 11 4715 0233
Gonzalo Varela	Technical Consultant Prodismo	Argentina	smcgev@smcar.com.ar	(54) 0351 677 3111
Fortune Oyoyo	Product Specialist	Canada	foyoyo@smcpneumatics.ca	(519) 915-3006
Guo Daoyuan	Sales Engineering	China	shhl2leader@smc.com.cn	(86) 18502177955
Huang Kaiyao	Sales Engineering	China	huangkaiyao@smc.com.cn	(86) 18516361377
Jiang Feng	Technical Support	China	sh-ts@smc.com.cn	(86) 18501749598
Masaya Okamoto	EX600	Japan	OKAMOTO.MASAYA@SMCJPN.CO.JP	
Dae-jeong Kim	EX600	Korea	djkim@smckorea.co.kr	(82) 2-3219-0797
Ki-young Kim	EX600	Korea	kykim@smckorea.co.kr	(82) 2-3219-0705
Pil-soo Kim	Technical Support	Korea	pskim@smckorea.co.kr	(82) 10-4994-8103
Seung-yeon Won	Technical Support of Wooshin	Korea	sywon@smckorea.co.kr	(82) 10-4994-8731
Jorge Perez Zafra	Sales Engineering Coordinator	Mexico	jzafra@smcmx.com.mx	(52) 55 1018 6545
Angel Muñoz	Engineering Specialist EX600	Mexico	amcalixto@smcmx.com.mx	(52) 472 140 9126
Manuel Cabrera	Sales Engineering Coordinator	Mexico	fmcabrera@smcmx.com.mx	(52) 472 133 9491
Raúl Ponce	Sales Engineering Coordinator	Mexico	rponce@smcmx.com.mx	(52) 656 379 0112
Ernst Smith	Technical Support	South Africa	esmith@smcza.co.za	+27 (0)82 9039002
Chairat T.	Senior Sales Engineer	Thailand	sal-chairat.t@mail.smcthai.co.th	(66) 6-3207-1552
Taworn S.	Assistant Products Manager	Thailand	sal-taworn.s@mail.smcthai.co.th	(66) 6-3214-1119
Jacob Kryder	EX600	USA	jkryder@smcusa.com	(317) 688-0624
Jun Furukawa	EX600	USA	jfurukawa@smcusa.com	(317) 688-0514
Alexej Kloos	Technical Support	Germany	kloos.alexej@smc.de	+49 6103 402-490
Sacha Dietzel	Technical Support	Germany	dietzel.sascha@smc.de	+49 6103 402-353
Mile Milovanovic	Technical Support	Germany	Milovanovic.Mile@smc.de	+49 6103 402-227