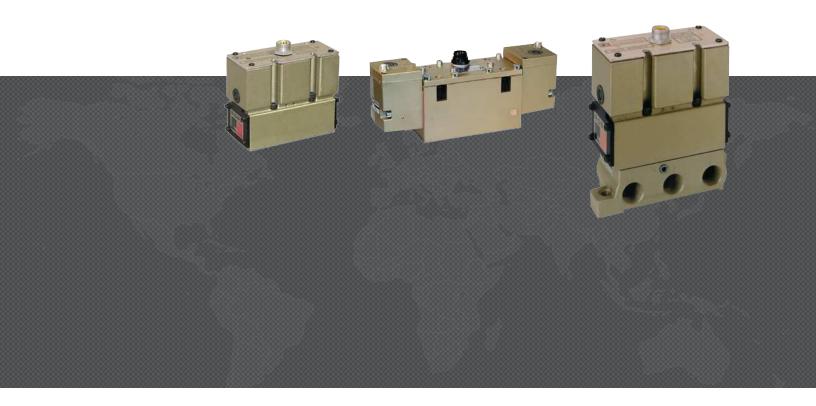


DIRECTIONAL CONTROL SAE VALVES 80 & 84 SERIES

PRODUCT CATALOG





SAE Valves 80 Series Product Overview

The ROSS[®] SAE valves 80 Series are base mounted spool and sleeve valves, designed to conform to the standards of the Society of Automotive Engineers (SAE), this makes the valves for SAE bases interchangeable.

These SAE Size 125, 250, and 500 valves are available as, 2- and 3-position, 5-ported 4-way solenoid pilot valves with either internal or external pilot supply. The spool and sleeve design means there are no seals to wear out.

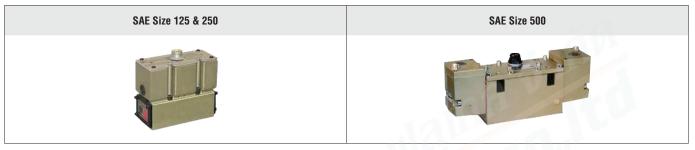


Illustration examples.

	VALVE FEATURES					
Spool Design	Balanced spool; no seals to wear out					
Mounting Options	Individual sub-base or manifold base mounting					
Pilot Supply	Internal or external; suitable for vacuum service (with external pilot supply)					
External Pilot Supply	Easily field-convertible for use with an external pilot supply					
Pilot Operation	Provides high shifting force with low power consumption					

		Availabl	le inlet P	ort Sizes			F	unctions			Actuation		
						5	/2		5/3				
SAE Size	1/4	3/8	1/2	3/4	1	Single	Double	Closed Center	Open Center	Pressure Center	Solenoid Control	Maximum Flow C _v	Page
125	•	•				•	•	•	•	•	•	1.0	
250		•	•	•		•	•	•	•	•	•	2.5	3 – 9
500			•	•	•	•	•	•	•		•	4.2	
Sub-Bases & Manifold Bases							16 – 20						
Accessories and O	ptions												21

Specifications



		S	TANDARD SPECIFICATIO	NS				
	Function		5/2 and 5/3 Valve	5/2 and 5/3 Valve				
	Construction Design		Spool and Sleeve					
	Actuation		Electrical – Solenoid Pilot	Controlled				
	Mauntina	Туре	Base					
GENERAL	Mounting	Orientation	Any					
	Connection		Valve	Valve-to-base interface				
	Connection		Sub-Base, Manifold	Threaded; NPT				
	Manual Override		Flush; rubber, non-locking]				
	Solenoid Indicator Light		One per solenoid					
			Ambient	40° to 120°F (4° to 50°C)				
	Temperature TING Flow Media		Media	40° to 175°F (4° to 80°C)				
OPERATING			Filtered air					
CONDITIONS	Operating Pressure		Vacuum to 150 psig (Vacuum to 10 bar)					
	Pilot Supply Pressure		Minimum 15 psig (1 bar)					
	External Pilot Supply		Must be equal to or greater than inlet pressure					
	Solenoids		Rated for continuous duty					
	Operating Voltage (each solenoid)		24 volts DC 100-120 volts AC, 50/60 230-240 volts AC, 50/60					
ELECTRICAL DATA FOR SOLENOID PILOT			SAE Size 125 & 250	24 V DC – 8 watts 100-130 V AC – 8 VA inrush, 6 VA holding 230-240 V AC – 8 VA inrush, 6 VA holding				
		Power Consumption		24 V DC – 14 watts 110-120 V AC – 87 VA inrush, 30 VA holding 230-240 V AC – 87 VA inrush, 30 VA holding				
	Valve Body		Cast Aluminum					
CONSTRUCTION MATERIAL	Spool		Stainless Steel					
	Seals		Buna-N					

IMPORTANT NOTE: Please read carefully and thoroughly all of the CAUTIONS, WARNINGS on the inside back cover.



5/2 Single Solenoid Pilot Controlled Valves

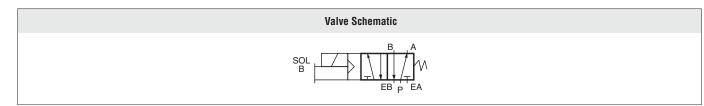
NGLE SOLENOID PILO	T CONTROLLED VAL		5	Way 2-Position Va	
				Valve Model Number*	
Wiring Type	Connector Type	SAE Size		Voltage	
			24 V DC	120 V AC	230 V AC
		125	8076C3341W	8076C3341Z	8076C3341Y
	mini-connector 5-pin	250	8076C4341W	8076C4341Z	8076C4341Y
Ohmuslan Otallantia Winad	5 pin -	500	8076B6341W	8076B6341Z	8076B6341Y
Chrysler Stellantis Wired	micro-connector 5-pin	125	8076C3321	8076C3311	10 -
		250	8076C4321	8076C4311	- </td
		500	8076B6321	8076B6311	-
		125	8076C3331W	8076C3331Z	8076C3331Y
	mini-connector 5-pin	250	8076C4331W	8076C4331Z	8076C4331Y
E. 1107	з-ріп -	500	8076B6331W	8076B6331Z	8076B6331Y
Ford Wired		125	8076C3361		-
	micro-connector 4-pin	250	8076C4361	- 1.19	_
	- יווק ד	500	8076B6361	-	_
I		125	8076C3351W	8076C3351Z	8076C3351Y
Hardwi	re	250	8076C4351W	8076C4351Z	8076C4351Y
		500	8076B6351W	8076B6351Z	8076B6351Y

* Sub-bases and manifold bases ordered separately. Please see Sub-Bases and Manifolds pages.

Pressure Controlled Spool & Sleeve Valves for SAE available, consult ROSS.

	Flow C _v	Ave	Weine A		
SAE Size	1.0	NA		F	Weight Ib (kg)
	1-2	M	1-2	2-3	
125	1.4	20	3.5	4.9	3.5 (1.6)
250	4.0	10	1.4	2.6	6.5 (2.9)
500	8.2	22	0.5	0.8	8.3 (3.7)

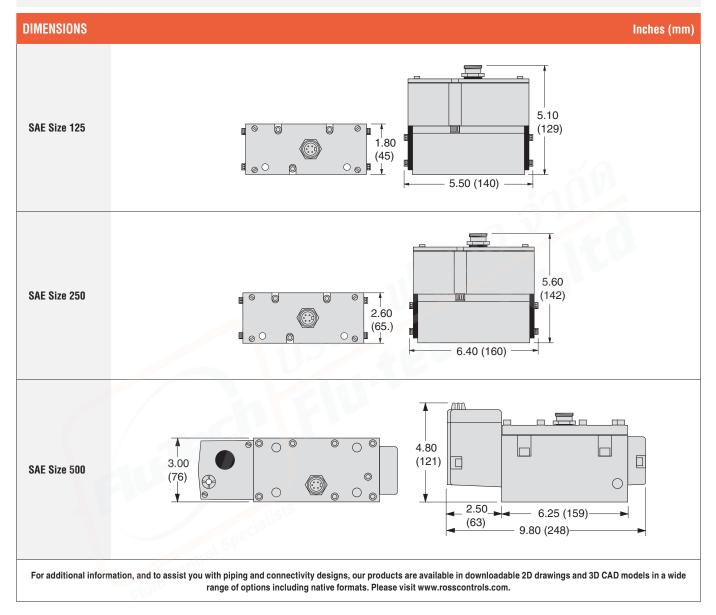
Valve Response Time – Response Time (msec) = $M + (F \cdot V)$. This is the average time required to fill a volume V (cubic inches) to 90% of supply pressure or to exhaust it to 10% of supply pressure. M and F values are shown above.

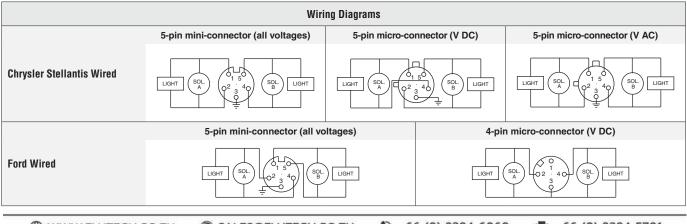


Valve Technical Data

5/2 Single Solenoid Pilot Controlled Valves







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5/2 Double Solenoid Pilot Controlled Valves

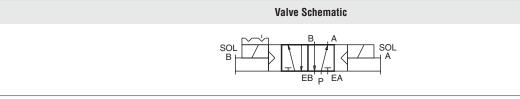
OUBLE SOLENOID PIL	OT CONTROLLED VAL		5	-Way 2-Position Va	
				Valve Model Number*	
Wiring Type	Connector Type	SAE Size		Voltage	
			24 V DC	120 V AC	230 V AC
		125	8076C3342W	8076C3342Z	8076C3342W
	mini-connector 5-pin	250	8076C4342W	8076C4342Z	8076C4342Y
hruslar Ctallantia Wired	5 pm -	500	8076B6342W	8076B6342Z	8076B6342Y
Chrysler Stellantis Wired	micro-connector 5-pin	125	8076C3322	8076C3312	10 -
		250	8076C4322	8076C4312	- 2</td
		500	8076B6322	8076B6312	-
		125	8076C3331W	8076C3331Z	8076C3331Y
	mini-connector 5-pin	250	8076C4331W	8076C4331Z	8076C4331Y
Faud M/insel	5-pin -	500	8076B6331W	8076B6331Z	8076B6331Y
Ford Wired		125	8076C3362	-	-
	micro-connector 4-pin	250	8076C4362	- 201	_
	- pin -	500	8076B6362	-	_
		125	8076C3352W	8076C3352Z	8076C3352Y
Hardwi	re	250	8076C4352W	8076C4352Z	8076C4352Y
		500	8076B6352W	8076B6352Z	8076B6352Y

* Sub-bases and manifold bases ordered separately. Please see Sub-Bases and Manifolds pages.

Pressure Controlled Spool & Sleeve Valves for SAE available, consult ROSS.

	Flow Cv	Ave	Wataba		
SAE Size	1.0	8/		Weight Ib (kg)	
	1-2	M	1-2	2-3	
125	1.4	15	3.5	4.9	3.5 (1.6)
250	4.0	17	1.5	2.6	7.0 (3.2)
500	8.0	30	0.4	0.5	9.5 (4.3)

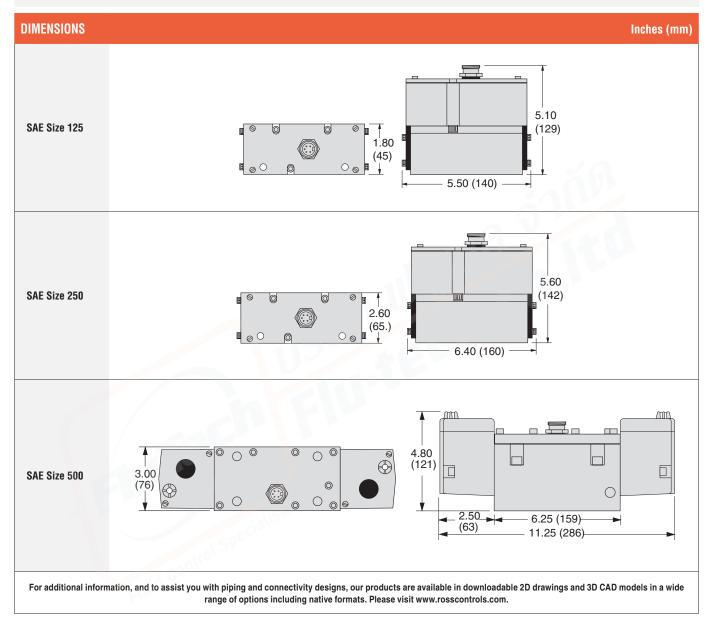
Valve Response Time – Response Time (msec) = $M + (F \cdot V)$. This is the average time required to fill a volume V (cubic inches) to 90% of supply pressure or to exhaust it to 10% of supply pressure. M and F values are shown above.

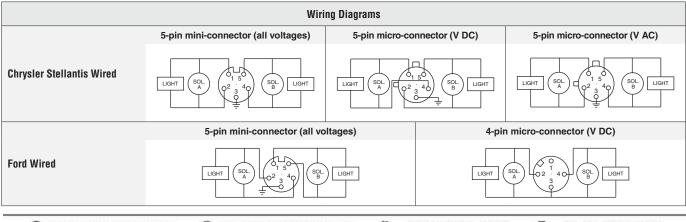


Valve Technical Data

5/2 Double Solenoid Pilot Controlled Valves







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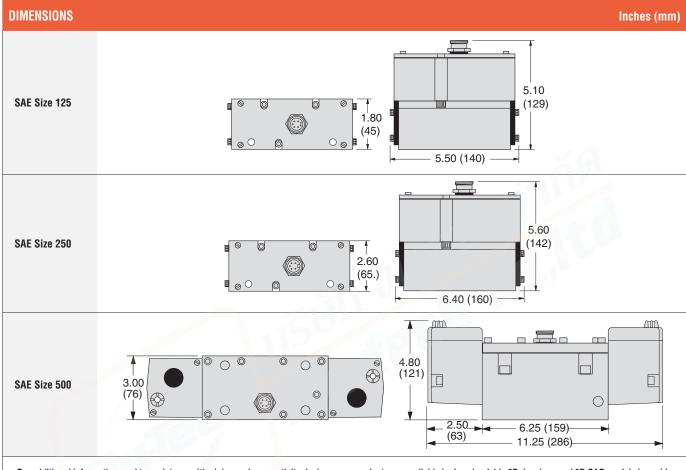
Ordering Information

5/3 Double Solenoid Pilot Controlled Valves

William Trees	0	045 01	045 01	Valve Model Number*			
Wiring Type	Connector Type	SAE Size	SAE Size		Voltage	ſ	
				24 V DC	120 V AC	230 V AC	
		Power Center	125	8077B3904W	8077B3904Z	8077B3904Y	
			250	8077A4904W	8077A4904Z	8077A4904Y	
		-	125	8077C3341W	8077C3341Z	8077C3341Y	
	mini-connector	Closed Center	250	8077C4341W	8077C4341Z	8077C4341Y	
	5-pin		500	8077B6341W	8077B6341Z	8077B6341Y	
hrysler Stellantis Wired		-	125	8077C3342W	8077C3342Z	8077C3342Y	
		Open center	250	8077C4342W	8077C4342Z	8077C4342Y	
			500	8077B6342W	8077B6342Z	8077B6342Y	
		-	125	8077C3321	8077C3311	_	
		Closed Center	250	8077C4321	8077C4311	-	
	micro-connector		500	8077B6321	8077B6311	-	
	5-pin		125	8077C3322	8077C3312	-	
		Open center	250	8077C4322	8077C4312	_	
		10	500	8077B6322	8077B6312	_	
		Power Center	250	8077B3910W	8077B3910Z	8077B3910\	
		1 ower ochief	500	8077A4907W	8077A4907Z	8077A4907Y	
			125	8077C3331W	8077C3331Z	8077C3331	
	mini-connector	Closed Center	250	8077C4331W	8077C4331Z	8077C4331	
	5-pin		500	8077B6331W	8077B6331Z	8077B6331	
	FIE'	Open center	125	8077C3332W	8077C3332Z	8077C3332	
Ford Wired			250	8077C4332W	8077C4332Z	8077C4332	
			500	8077B6332W	8077B6332Z	8077B6332	
			125	8077C3361	-	_	
		Closed Center	250	8077C4361	_	_	
	micro-connector	dau	500	8077B6361	_	_	
	4-pin	6.2	125	8077C3362	_	_	
		Open center	250	8077C4362	-	_	
	- 1 CO.		500	8077B6362	_	_	
	FLU		125	8077C3351W	8077C3351Z	8077C3351	
		Closed Center	250	8077C4351W	8077C4351Z	8077C4351Y	
Hardwir	·ο		500	8077B6351W	8077B6351Z	8077B6351Y	
ITatuwii	U		125	8077C3352W	8077C3352Z	8077C3352Y	
		Open center	250	8077C4352W	8077C4352Z	8077C4352	
			500	8077B6352W	8077B6352Z	8077B6352	
other voltages, consult R	OSS.						
ub-bases and manifold ba	ases ordered separatel	y. Please see Sub-Ba	ses and Manifold	s pages.			
		-		available, consult RO	SS.		
		Va	lve Schematic				
Power Cer	iter		Closed Center		Open Cent	er	
	SOL	SOL 7	BA 7			SOL	
				A B			

5/3 Double Solenoid Pilot Controlled Valves

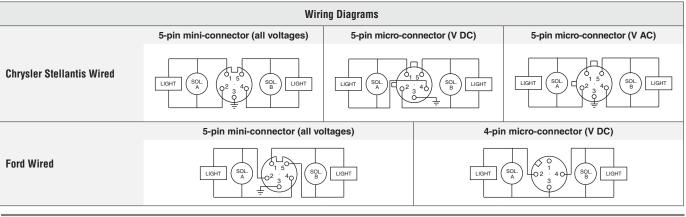




For additional information, and to assist you with piping and connectivity designs, our products are available in downloadable 2D drawings and 3D CAD models in a wide range of options including native formats. Please visit www.rosscontrols.com.

	Flow Cv	Ave				
SAE Size	10	54	I	Weight Ib (kg)		
	1-2	М	1-2	2-3		
125	1.4	20	3.5	5.2	3.5 (1.6)	
250	4.0	10	1.4	2.6	7.0 (3.2)	
500	8.0	12	0.5	0.8	9.5 (4.3)	

Valve Response Time – Response Time (msec) = $M + (F \cdot V)$. This is the average time required to fill a volume V (cubic inches) to 90% of supply pressure or to exhaust it to 10% of supply pressure. M and F values are shown above.



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SAE Valves 84 Series Product Overview

The ROSS® SAE valves 84 Series are base mounted poppet valves, designed to conform to the standards of the Society of Automotive Engineers (SAE), this makes the valves for SAE bases interchangeable.

These SAE Size 125, 250, and 500 valves are available as, 2-position, 5-ported 4-way solenoid pilot valves with either internal or external pilot supply.

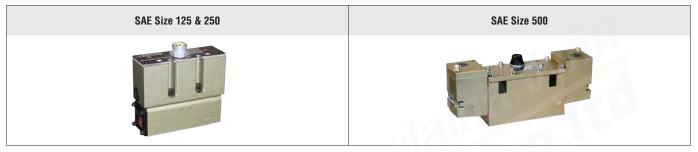


Illustration examples.

	VALVE FEATURES					
Poppet Design	Highly tolerant of contaminated air and are self compensating for wear					
Mounting Options	Individual sub-base or manifold base mounting					
Pilot Supply	Internal or external					
Pilot Operation	Provides high shifting force with low power consumption					

		Availabl	e iniet P	ort Sizes		Func	tions	Actuation		
						5	/2		Í	
SAE Size	1/4	3/8	1/2	3/4	1	Single	Double	Solenoid Control	Maximum Flow C,	Page
125	•	•				•	•	•	1.0	
250		•	•	•		•	•	•	2.5	11 – 15
500			•	•	•	•	•	•	4.2	
Sub-Bases & Manifold Bases						16 – 20				
Accessories and Options										21

Specifications



		STANDARD SPECIFICATIO	NS				
	Function	5/2 Valve	5/2 Valve				
	Construction Design	Poppet					
	Actuation	Electrical – Solenoid Pilot	Controlled				
GENERAL	Mounting	Base					
	Connection	Threaded; NPT					
	Manual Override	Flush; rubber, non-locking	g				
	Solenoid Indicator Light	One per solenoid					
		Ambient	40° to 120°F (4° to 50°C)				
	Temperature	Media	40° to 175°F (4° to 80°C)				
OPERATING	Flow Media	Filtered air	Filtered air				
CONDITIONS	Operating Pressure	30 to 150 psig (2 to 10 ba	30 to 150 psig (2 to 10 bar)				
	Pilot Supply Pressure	Minimum 30 psig (2 bar)	Minimum 30 psig (2 bar)				
	External Pilot Supply	Must be equal to or great	Must be equal to or greater than inlet pressure				
	Solenoids	Rated for continuous duty	1				
	Operating Voltage (each solenoid)	24 volts DC 100-120 volts AC, 50/60 230-240 volts AC, 50/60					
ELECTRICAL DATA FOR SOLENOID PILOT	Demoderation	SAE Size 125 & 250	24 V DC – 8 watts 100-130 V AC – 8 VA inrush, 6 VA holding 230-240 V AC – 8 VA inrush, 6 VA holding				
	Power Consumption	SAE Size 500	24 V DC – 14 watts 110-120 V AC – 87 VA inrush, 30 VA holding 230-240 V AC – 87 VA inrush, 30 VA holding				
	Valve Body	Cast Aluminum					
CONSTRUCTION Material	Poppet	Rubber Coated Aluminum	& Stainless Steel				
	Seals	Buna-N					

IMPORTANT NOTE: Please read carefully and thoroughly all of the CAUTIONS, WARNINGS on the inside back cover.

	PRODUCT CREDENTIALS						
CSA Certificate of Compliance	CE Conformity Declaration	EAC Conformity Declaration	CRN Certification				
	CE	ERC	Available for appropriately tested valves				

5/2 Single Solenoid Pilot Controlled Valves

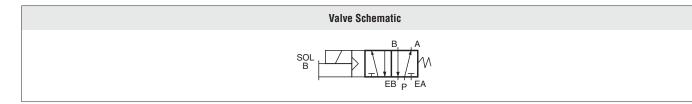
INGLE SOLENOID PILO	T CONTROLLED VAL		5	Way 2-Position Valv			
				Valve Model Number*			
Wiring Type	Connector Type	SAE Size	Voltage				
			24 V DC	120 V AC	230 V AC		
		125	8476C3341W	8476C3341Z	8476C3341Y		
	mini-connector 5-pin	250	8476C4341W	8476C4341Z	8476C4341Y		
Ohunglan Otallantia Winad	5-pm	500	8476B6341W	8476B6341Z	8476B6341Y		
Chrysler Stellantis Wired	micro-connector 5-pin	125	8476C3321	8476C3311	10 -		
		250	8476C4321	8476C4311	- </td		
		500	8476B6321	8476B6311	-		
		125	8476C3331W	8476C3331Z	8476C3331Y		
	mini-connector 5-pin	250	8476C4331W	8476C4331Z	8476C4331Y		
	5-pin	500	8476B6331W	8476B6331Z	8476B6331Y		
Ford Wired		125	8476C3361	-	-		
	micro-connector 4-pin	250	8476C4361	- 201	_		
	4-pili	500	8476B6361	-	_		
		125	8476C3351W	8476C3351Z	8476C3351Y		
Hardwi	re	250	8476C4351W	8476C4351Z	8476C4351Y		
		500	8476B6351W	8476B6351Z	8476B6351Y		

* Sub-bases and manifold bases ordered separately. Please see Sub-Bases and Manifolds pages.

Pressure Controlled Spool & Sleeve Valves for SAE available, consult ROSS.

	Flow Cv Average Response Constants*				
SAE Size	1.0	M		Weight Ib (kg)	
	1-2	M	1-2	2-3	(13)
125	1.8	47	1.6	3.0	2.8 (1.3)
250	5.5	60	0.6	0.8	5.2 (2.4)
500	7.9	30	0.4	0.5	7.7 (3.5)

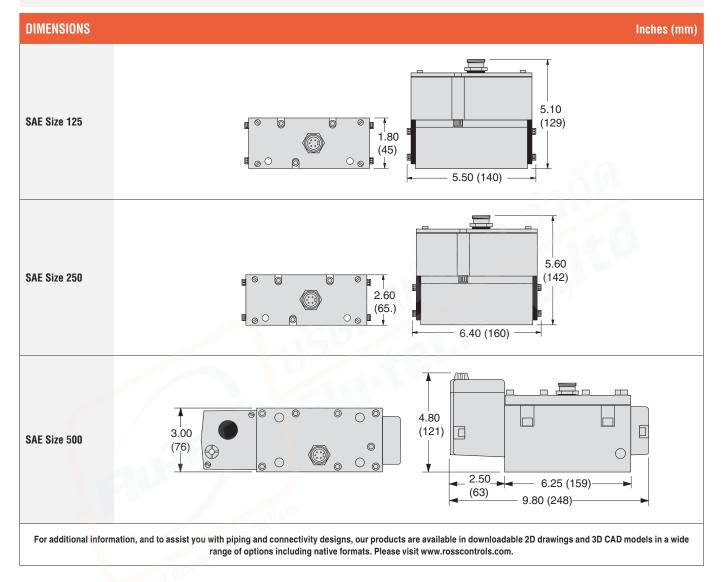
Valve Response Time – Response Time (msec) = $M + (F \cdot V)$. This is the average time required to fill a volume V (cubic inches) to 90% of supply pressure or to exhaust it to 10% of supply pressure. M and F values are shown above.

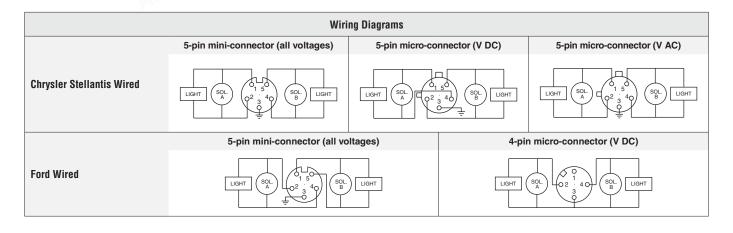


Valve Technical Data

5/2 Single Solenoid Pilot Controlled Valves







5/2 Double Solenoid Pilot Controlled Valves

OUBLE SOLENOID PIL	OT CONTROLLED VAL	VES		5	Way 2-Position Va	
		SAE Size		Valve Model Number*		
Wiring Type	Connector Type		Voltage			
			24 V DC	120 V AC	230 V AC	
		125	8476C3342W	8476C3342Z	8476C3342W	
	mini-connector 5-pin	250	8476C4342W	8476C4342Z	8476C4342Y	
New volce Challentie Wired	5 pm -	500	8476B6342W	8476B6342Z	8476B6342Y	
Chrysler Stellantis Wired	micro-connector 5-pin	125	8476C3322	8476C3312	10 -	
		250	8476C4322	8476C4312	- </td	
		500	8476B6322	8476B6312	-	
		125	8476C3331W	8476C3331Z	8476C3331Y	
	mini-connector 5-pin	250	8476C4331W	8476C4331Z	8476C4331Y	
Faud W/insel	5-pin -	500	8476B6331W	8476B6331Z	8476B6331Y	
Ford Wired		125	8476C3362		-	
	micro-connector 4-pin	250	8476C4362	- 1.19	_	
	- pin	500	8476B6362	-	_	
		125	8476C3352W	8476C3352Z	8476C3352Y	
Hardwi	re	250	8476C4352W	8476C4352Z	8476C4352Y	
		500	8476B6352W	8476B6352Z	8476B6352Y	

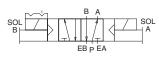
* Sub-bases and manifold bases ordered separately. Please see Sub-Bases and Manifolds pages.

Pressure Controlled Spool & Sleeve Valves for SAE available, consult ROSS.

	Flow Cv Average Response Constants*		Weisha		
SAE Size	1.0	DA .		Weight Ib (kg)	
	1-2	M	1-2	2-3	(13)
125	1.8	16	1.7	2.4	3.3 (1.5)
250	5.7	20	0.6	0.8	5.7 (2.6)
500	7.6	16	0.2	0.5	8.9 (4.1)

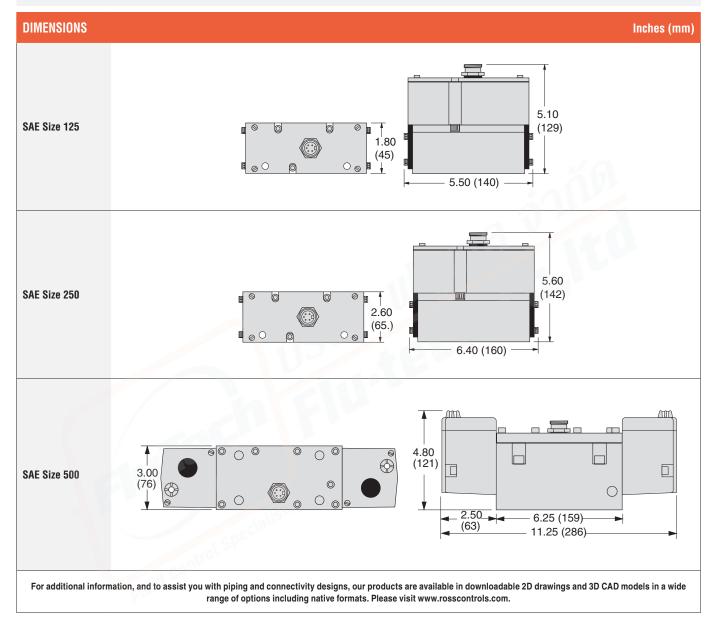
Valve Response Time – Response Time (msec) = $M + (F \cdot V)$. This is the average time required to fill a volume V (cubic inches) to 90% of supply pressure or to exhaust it to 10% of supply pressure. M and F values are shown above.





5/2 Double Solenoid Pilot Controlled Valves





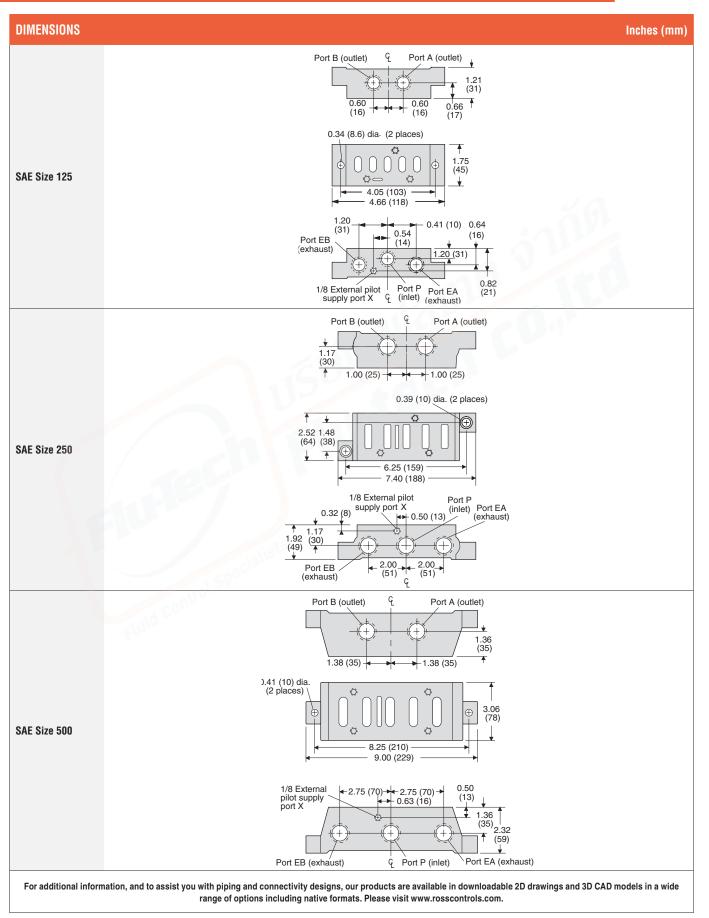
Wiring Diagrams							
	5-pin mini-connector (all voltages)	5-pin micro-co	nnector (V DC)	5-pin micro-connector (V AC)			
Chrysler Stellantis Wired	LIGHT SOL A C 40 E C 40	LIGHT SOL	5 4 5 6 8 LIGHT	LIGHT SOL COL B LIGHT SOL COL B COL COL SOL LIGHT COL COL B COL COL B COL COL COL COL COL COL COL COL COL COL			
	5-pin mini-connector (all vo	Itages)	4-pii	n micro-connector (V DC)			
Ford Wired	LIGHT SOL A E	LIGHT	LIGHT	SOL A B C C C C C C C C C C C C C C C C C C			

Sub-Bases – Side Ported Ordering Information

Size			Model Number*	
SAE Size	Inlet (P)	Outlet (A, B)	Exhaust (EA, EB)	NPT Thread
	1/4	1/8	1/4	577K91
125	3/8	1/4	3/8	578K91
	3/8	3/8	3/8	579K91
	3/8	1/4	3/8	539K91
050	1/2	3/8	1/2	540K91
250	1/2	1/2	1/2	541K91
	3/4	3/4	3/4	542K91
	3/8	1/4	3/8	582K91
500	1/2	3/8	1/2	728K91
500	1/2	1/2	1/2	583K91
	3/4	3/4	3/4	584K91

Sub-Base Technical Data





Manifold Bases Ordering Information

Size				Model Number*
SAE	Inlet (P)	Outlet (A, B)	Exhaust (EA, EB)	NPT Thread
405	3/8	1/4	3/8	580K91
125	3/8	3/8	3/8	581K91
	1/2	1/2	1/2	553K91
250	3/4	3/4	3/4	554K91
	3/4	3/4	3/4	555K91
	3/4	1/2	3/4	585K91
500	1	3/4	1	586K91
	1	1	1	587K91

*For SAE threads, consult ROSS.

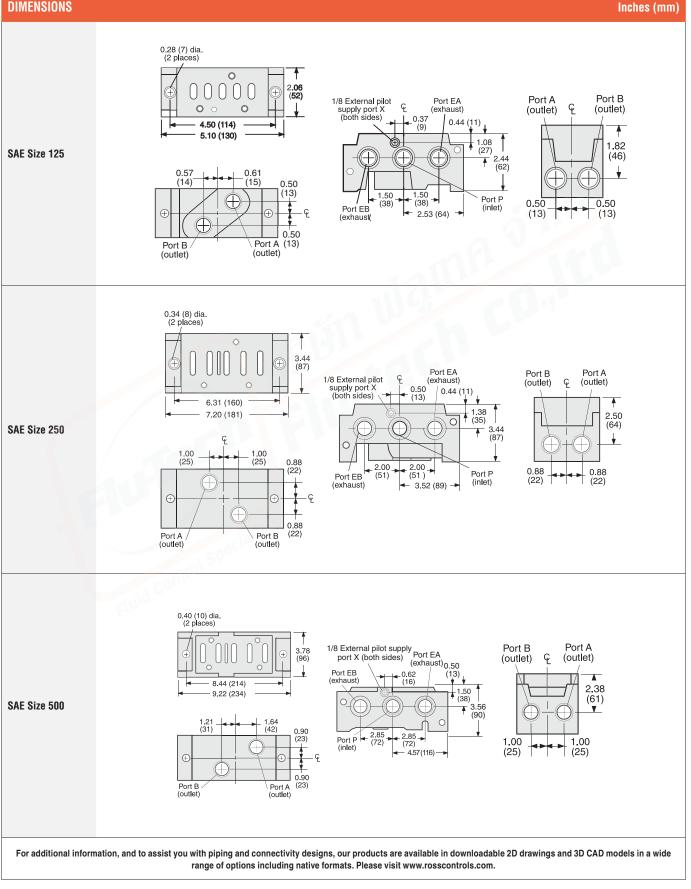
Manifold Stations

Each manifold station is supplied with all necessary seals and hardware for assembly. End plates are not required with these manifolds. Each station has all ports threaded to accept piping.

Manifold Bases Technical Data



DIMENSIONS



Accessories & Options

		M <i>i</i>	NIFOLD PLATES					
		SAE Size			Model Number			
	125			820K77				
Dianking Diataa		250			821K77			
Blanking Plates		500			822K77			
	For manifold station	is not occupied by a v	valve, blanking plates a	re available. These p	lates block the unus	ed air passages.		
		SOLEN	IOID PILOT OPTION	IS	J	a		
	Flush E	Button	Extended	Button	Extended Button with Palm			
	Locking Type	Kit Number	Locking Type	Kit Number	Locking Type	Kit Number		
	Non-Locking 790K87 Nan Locking 701K07			00.41107				
	NULLOCKING	1 301(01	AL 1 1.1					
Kits for SAE Size	Locking Flush flexible manua	792K87 al override buttons ar	Non-Locking					
Kits for SAE Size	Locking Flush flexible manua be installed in place	792K87 al override buttons ar of the standard flexil ction. The locking typ	e standard on all SAE solutions. Both locki ble buttons, both locki e button, however, can	500 solenoid pilot val ng and non-locking n	ves. Metal buttons a netal buttons are ava	as shown below ca ailable. Each butto		
Manual Override Kits for SAE Size 500 Valves	Locking Flush flexible manua be installed in place has spring-return ac	792K87 al override buttons ar of the standard flexil ction. The locking typ	e standard on all SAE s ble buttons. Both locki e button, however, can SILENCERS	500 solenoid pilot val ng and non-locking n be kept in the actuat	ves. Metal buttons a netal buttons are ava ed position by turnir	as shown below ca ailable. Each butto ng the slot in the to		
Kits for SAE Size	Locking Flush flexible manua be installed in place has spring-return ac	792K87 al override buttons ar of the standard flexil ction. The locking typ	e standard on all SAE sole buttons. Both locki e button, however, can SILENCERS Model	500 solenoid pilot val ng and non-locking n be kept in the actuat	ves. Metal buttons a netal buttons are ava ed position by turnir Flow	as shown below ca ailable. Each butto ng the slot in the to Pressure Rang		
Kits for SAE Size	Locking Flush flexible manua be installed in place has spring-return ac of the button with a Port Size	792K87 al override buttons ar of the standard flexil ction. The locking typ screwdriver.	e standard on all SAE s ole buttons. Both locki e button, however, can SILENCERS Model R/Rp Thread	500 solenoid pilot val ng and non-locking n be kept in the actuat Number NPT Thread	ves. Metal buttons a netal buttons are ava ed position by turnir Flow Avg. C _v	as shown below ca ailable. Each butting the slot in the to		
Kits for SAE Size	Locking Flush flexible manua be installed in place has spring-return ac of the button with a	792K87 al override buttons ar of the standard flexil ction. The locking typ screwdriver.	e standard on all SAE sole buttons. Both locki e button, however, can SILENCERS Model R/Rp Thread D5500A2003	500 solenoid pilot val ng and non-locking n be kept in the actuat Number NPT Thread 5500A2003	ves. Metal buttons a netal buttons are ava ed position by turnir Flow Avg. C _v 2.1	as shown below c ailable. Each butt ng the slot in the t Pressure Rang		
Kits for SAE Size 500 Valves	Locking Flush flexible manua be installed in place has spring-return ac of the button with a Port Size	792K87 al override buttons ar of the standard flexil ction. The locking typ screwdriver.	e standard on all SAE sole buttons. Both locki e button, however, can SILENCERS Model R/Rp Thread D5500A2003 D5500A3013	500 solenoid pilot val ng and non-locking n be kept in the actuat Number NPT Thread 5500A2003 5500A3013	Ves. Metal buttons a netal buttons are ava ed position by turnir Avg. C _v 2.1 2.7	as shown below ca ailable. Each butto ng the slot in the to Pressure Rang		
Kits for SAE Size	Locking Flush flexible manua be installed in place has spring-return ac of the button with a Port Size 1/4 3/8	792K87 al override buttons ar of the standard flexil ction. The locking typ screwdriver. Thread Type Male Male	e standard on all SAE sole buttons. Both locki e button, however, can SILENCERS Model R/Rp Thread D5500A2003 D5500A3013 D5500A3003	500 solenoid pilot val ng and non-locking n be kept in the actuat Number NPT Thread 5500A2003 5500A3013 5500A3003	Ves. Metal buttons a netal buttons are ava ed position by turnin Flow Avg. C _v 2.1 2.7 4.3	as shown below ca ailable. Each butto ng the slot in the to Pressure Rang		
Kits for SAE Size 500 Valves	Locking Flush flexible manua be installed in place has spring-return ac of the button with a Port Size 1/4	792K87 al override buttons ar of the standard flexil ction. The locking typ screwdriver.	e standard on all SAE sole buttons. Both locki e button, however, can SILENCERS Model R/Rp Thread D5500A2003 D5500A3013 D5500A3003 D5500A4003	500 solenoid pilot val ng and non-locking n be kept in the actuat Number NPT Thread 5500A2003 5500A3013 5500A3003 5500A4003	Ves. Metal buttons a netal buttons are ava ed position by turnin Flow Avg. C _v 2.1 2.7 4.3 4.7	as shown below ca ailable. Each butto ng the slot in the to Pressure Rang psig (bar)		
Kits for SAE Size	Locking Flush flexible manua be installed in place has spring-return ac of the button with a Port Size 1/4 3/8	792K87 al override buttons ar of the standard flexil ction. The locking typ screwdriver. Thread Type Male Male	e standard on all SAE sole buttons. Both locki e button, however, can SILENCERS Model R/Rp Thread D5500A2003 D5500A3013 D5500A3003	500 solenoid pilot val ng and non-locking n be kept in the actuat Number NPT Thread 5500A2003 5500A3013 5500A3003	Ves. Metal buttons a netal buttons are ava ed position by turnin Flow Avg. C _v 2.1 2.7 4.3	As shown below ca ailable. Each butto ng the slot in the to Pressure Rang psig (bar) 		

Accessories & Options



	I	NTERPOSED PRESSU	RE REGULATORS			
	SAE Size	Regulator Type	Model Number	Regulated Pressure Range		
	ONE OILD		Single	psig (bar)		
	125	Single	593K91			
	125	Dual	873H91	10 to 130 (1 to 9)		
	250	Single	595K91	10 10 130 (1 10 9)		
	250	Dual	816H91			
Interposed Regulators	the regulator to the sub- Single pressure regulator Dual pressure regulator Use dual pressure regu	base or manifold station ors supply the same regu s allow the pressure at ea lators with 80 Series valv kternal pilot supply conve et included.	- man	y. regulators, the valve must be		
	EXTERNAL PILOT SUPPLY CONVERSION ROSS SAE Solenoid pilot valves are designed to use an internal plot supply this conversion, remove the pipe plug on the bottom of the valve. The plu between the center port and an adjacent port. Install this plug in the three the end of the center port. This blocks the internal pilot supply. Connect pilot supply line to port X in the base. Pressure in the external supply libe less than that specified in the valve's Standard Specifications.					

