

# CRS SERVICE, INC.

## CRS45V FIXED SINGLE VANE PUMP MODEL CODE BREAKDOWN

**MODEL CODE:** CRS 45V \*\* A \* - 1 \* 22 L  
**CROSS REFERENCE:** A B C D E F G H I

**A = BRAND**

**B = FRAME SIZE**

**C = DISPLACEMENT**

		GPM @	RPM MAX	PSI MAX
		1200 RPM		
42	=	42 GPM	1800	2500
50	=	50 GPM	1800	2500
60	=	60 GPM	1800	2500

**D = PORTING**

A	=	Inlet 3" SAE 4 Bolt Split Flange Outlet 1 1/2" SAE 4 Bolt Split Flange
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**E = SHAFT SEAL AND MOUNTING**

F	=	Foot Bracket
S	=	Double Shaft Seal
Omit for single seal & SAE C Flange Mount		

**F = SHAFT**

1	=	1.25" Diameter 2.44 Ext
3	=	1.25" Diameter 3.13 Ext
4	=	1.236" Diameter 2.88 Ext
11	=	1.248" Diameter 2.44 Ext
17	=	1.245" Diameter 3.05 Ext
19	=	1.248" Diameter 3.06 Ext
26	=	1.143" Diameter 2.74 Ext
31	=	1.229" Diameter 4 Ext
33	=	1.29" Diameter 2.88 Ext
43	=	1.231" Diameter 3.03 Ext
52	=	1.248" Diameter 2.19 Ext
54	=	1.229" Diameter 3.5 Ext
56	=	1.226" Diameter 4.25 Ext
86	=	1.5" Diameter 3.44 Ext
111	=	1.229" Diameter 2.88 Ext
117	=	1.229" Diameter 4.67 Ext
120	=	1.226" Diameter 4.25 Ext
130	=	1.248" Diameter 2.44 Ext
135	=	1.248" Diameter 2.18 Ext
139	=	1.229" Diameter 2.88 Ext
144	=	1.229" Diameter 2.18 Ext
155	=	1.143" Diameter 2.74 Ext
169	=	1.248" Diameter 2.44 Ext
179	=	1.25" Diameter 2.88 Ext
401	=	1.248 Diameter 2.44 Ext
410	=	1.25" Diameter 2.44 Ext

**G = PORT RELATIONSHIP**

\*as viewed from the cover end

A	=	SAE 4 Bolt Inlet Opposite the SAE 4 Bolt Outlet
B	=	SAE O Ring Inlet 90 Degrees CW from the SAE O Ring Outlet
C	=	SAE 4 Bolt Inlet Inline with the SAE O Ring Outlet
D	=	SAE O Ring Inlet 90 Degrees CCW from the SAE 4 Bolt Outlet

**H = Design**

22	=	Design Code
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**I = Rotation**

L	=	Left Hand Rotation
Omitted	=	Right Hand Rotation



**CRS Service, Inc.**

1986 Rochester Industrial Dr., Rochester Hills, Michigan 48309 Phone 248-652-9940 Fax 248-652-9946  
 108 May Drive Unit B, Harrison, Ohio 45030 Phone 513-367-3800 Fax 513-367-6577  
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[www.crsservice.com](http://www.crsservice.com)

For more information or to place an order call 800-521-2628

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## CRS45V FIXED SINGLE VANE PUMP PARTS LIST

**CRS45V\*\*A\*\*-22**

**List Price New \$1317.00 Reman \$1097.00**

**Core Credit (included in price) - Complete Pump \$100.00 Cart Kit \$20.00 Ring \$12.00**

**NOTE: Add \$20.00 to List Price for Viton Seals**

<b>Cartridge Kits and Parts</b>								
<b>All CRS Cartridge Kits come complete with Cartridge Kit Seals</b>								
Description	New Cart Kit Part #	New List Price	Reman Cart Kit Part #	Reman List Price	New Ring Part #	New List Price	Reman Ring Part#	Reman List Price
42 gpm	3581663	\$788.25	R581663	\$668.25	3581679	\$287.75	R581679	\$157.88
50 gpm	3581664	\$788.25	R581664	\$668.25	3581680	\$287.75	R581680	\$157.88
60 gpm	3580919	\$788.25	R580919	\$668.25	3578904	\$287.75	R578904	\$157.88
<b>Rotor</b>				<b>Vane Kit</b>				
Description	Part #	List Price		Description	Part#	List Price		
Rotor All Sizes	3578900	POR		Vane Kit All Sizes	3941049	\$209.00		
<b>Shafts</b>								
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
1	3233369	\$113.00	52	306218*	POR	144	3572066	\$287.75
3	233371*	POR	54	309136*	POR	155	581784*	POR
4	233370*	POR	56	311299*	POR	169	591398*	POR
11	3242885	\$138.75	86	3361760	\$152.50	179	502211*	POR
17	233322*	POR	111	3413020	\$149.25	401	626233*	POR
19	3265575	\$178.00	117	581785*	POR	410	634872*	POR
26	3252893	POR	120	413430*	POR			
31	3263780	\$434.50	130	3422541	\$178.00			
33	3413020	\$149.25	135	429066*	POR			
43	260535*	POR	139	425969*	POR			
						* Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability.		
<b>Seal Kit</b>			<b>Shaft Seal</b>			<b>Shaft Bearings</b>		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
Buna	3919850	\$15.38	Sft Seal Buna	3394974	\$6.15	Std. Bearing	3131812	\$17.50
Viton	3919632	\$32.80	Sft Seal Viton #1 Single Seal	3429285	\$12.04			
			Sft Seal Viton #2 Second Seal	3429282	\$14.09			
<b>Cover</b>				<b>Body</b>				
Description	Part #	List Price		Description	Part#	List Price		
Code A	3229633	\$213.25		Code A	3942356	\$223.50		
<b>Miscellaneous Parts</b>								
Description	Part #	List Price	Description	Part#	List Price			
Washer	3194878	\$2.36	Ret. Ring Br/Sft	3102949	\$2.20			
Spirolox Ring	3158630	\$2.31	Bolt (4 Req.)	3061321	\$11.28			
Flange	CRSFL1-24-24P-10	\$142.07	Flange	CRSFL1-12-12P-10	\$50.23			
Foot Bracket	CRSFB-C-10 Reman	\$166.05	Foot Bracket	FB-C-10*	POR			

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