

# CRS SERVICE, INC.

## CRS4535V FIXED DOUBLE VANE PUMP MODEL CODE BREAKDOWN

**MODEL CODE:** CRS 4535V \*\* A \*\* (\*) - 1 \* 22 L  
**CROSS REFERENCE:** A B C D E F G H I J

**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 1/2" 4 Bolt Split Flange #1 Outlet 1 1/2" 4 Bolt Split Flange #2 Outlet 1" 4 Bolt Split Flange
E	=	Inlet 3 1/2" 4 Bolt Split Flange #1 Outlet 1 1/2" 4 Bolt Split Flange #2 Outlet 1.3125" - 12 SAE O Ring

**E = DISPLACEMENT**

		GPM @	RPM MAX	PSI MAX
		1200 RPM		
25	=	25 GPM	1800	2500
30	=	30 GPM	1800	2500
35	=	35 GPM	1800	2500
38	=	38 GPM	1800	2500

**F = SHAFT SEAL AND MOUNTING**

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

**G = SHAFT**

1	=	1.25" Diameter 5/16 Square Key 2.44 Ext
11	=	1.248" Diameter 14T 12/24 MDF 2.44 Ext
13	=	1.229" Diameter 14T 12/24 SF 3.06 Ext
19	=	1.248" Diameter 14T 12/24 SF 3.06 Ext
74	=	1.745" Diameter 13T 8/16 MDF 3.13 Ext
77	=	1.229" Diameter 14T 12/24 SF 3.06 Ext
82	=	1.229" Diameter 14T 12/24 SF 3.69 Ext
86	=	1.500" Diameter 3/8 Square Key 3.44 Ext
94	=	1.248" Diameter 14T 12/24 MDF 3.06 Ext
100	=	1.229" Diameter 14T 12/24 SF 2.25 Ext
108	=	1.229" Diameter 14T 12/24 SF 2.19 Ext
113	=	1.248" Diameter 14T 12/24 MDF 3.06 Ext
114	=	1.229" Diameter 14T 12/24 SF 3.06 Ext
116	=	1.229" Diameter 14T 12/24 SF 3.06 Ext
125	=	1.229" Diameter 14T 12/24 SF 2.25 Ext
126	=	1.229" Diameter 14T 12/24 SF 3.06 Ext
130	=	1.248" Diameter 14T 12/24 SF 2.44 Ext
136	=	1.229" Diameter 14T 12/24 SF 2.69 Ext
140	=	1.229" Diameter 14T 12/24 SF 3.06 Ext
144	=	1.229" Diameter 14T 12/24 SF 2.18 Ext

**G = SHAFTS (CONTINUED)**

163	=	1.248" Diameter 14T 12/24 MDF 2.44 Ext
401	=	1.248" Diameter 14T 12/24 MDF 2.44 Ext
402	=	1.229" Diameter 14T 12/24 SF 3.06 Ext
411	=	1.248" Diameter 14T 12/24 MDF 3.06 Ext
413	=	1.500" Diameter 17T 1/24 SF 2.44 Ext

**H = PORT RELATIONSHIP**

\*as viewed from the cover end

#1 OUTLET OPPOSITE INLET	
AA	= #2 Outlet Opposite from inlet
AB	= #2 Outlet 90 Degrees CCW from inlet
AC	= #2 Outlet Inline with inlet
AD	= #2 Outlet 90 Degrees CW from inlet
#1 OUTLET 90 DEGREES CCW FROM INLET	
BA	= #2 Outlet Opposite from inlet
BB	= #2 Outlet 90 Degrees CCW from inlet
BC	= #2 Outlet Inline with inlet
BD	= #2 Outlet 90 Degrees CW from inlet
#1 OUTLET INLINE WITH INLET	
CA	= #2 Outlet Opposite from inlet
CB	= #2 Outlet 90 Degrees CCW from inlet
CC	= #2 Outlet Inline with inlet
CD	= #2 Outlet 90 Degrees CW from inlet
#1 OUTLET 90 DEGREES CW FROM INLET	
DA	= #2 Outlet Opposite from inlet
DB	= #2 Outlet 90 Degrees CCW from inlet
DC	= #2 Outlet Inline with inlet
DD	= #2 Outlet 90 Degrees CW from inlet

**I = Design**

22	=	Design Code
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**J = 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  
 2335 Handley Ederville Road, Fort Worth, Texas 76118 Phone 817-590-2236 Fax 817-590-2577  
[www.crsservice.com](http://www.crsservice.com)

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

# CRS SERVICE, INC.

## CRS4535V FIXED DOUBLE VANE PUMP PARTS LIST

CRS4535V\*\*A\*\*-\*\*-22

List Price New \$2396.00 Reman \$1954.00

Core Credit (included in price) - Complete Pump \$190.00 45V Cart Kit \$20 Ring \$12.00 35V CART KIT \$15.00 RING \$10.00

**NOTE: Add \$80.00 to List Price for Viton**

<b>Cartridge Kits and Parts</b>								
All CRS Cartridge Kits come complete with Cartridge Kit Seals								
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
45**V42 GPM	3581663	\$788.25	R581663	\$688.25	3581679	\$287.75	R581679	\$157.88
45**V50 GPM	3581664	\$788.25	R581664	\$688.25	3581680	\$287.75	R581680	\$157.88
45**V60 GPM	3580919	\$788.25	R580919	\$688.25	3578904	\$287.75	R578904	\$157.88
**35V***25 GPM	3582348	\$614.00	R582348	\$514.50	3576210	\$205.75	R576210	\$86.00
**35V***30 GPM	3582349	\$614.00	R582349	\$514.50	3576212	\$205.75	R576212	\$86.00
**35V***35 GPM	3582350	\$614.00	R582350	\$514.50	3576214	\$205.75	R576214	\$86.00
**35V***38 GPM	3581862	\$614.00	R581862	\$514.50	3575476	\$205.75	R575476	\$86.00
Rotor				Vane Kit				
Description	Part #	List Price	Description	Part#	List Price	Description	Part#	List Price
45V Rotor All Sizes	3578900	POR	45V Vane Kit All Sizes	3941049	\$209.00			
35V Rotor All Sizes	3575478	POR	35V Vane Kit All Sizes	3941019	\$180.50			
Shafts								
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
1	3289083	\$205.75	108	409315*	POR	144	453498*	POR
11	3289084	\$213.25	113	433326*	POR	163	586337*	POR
13	3270650	POR	114	3413027	\$148.00	401	634864*	POR
19	860608*	POR	116	413026*	POR	402	626232*	POR
74	341782*	POR	125	3413438	\$293.25	411	634867*	POR
82	353900*	POR	126	3416581	\$372.00	413	502346*	POR
86	3361763	\$248.25	130	3422544	\$217.50	* Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability		
94	387416*	POR	136	428616*	POR			
100	3397167	POR	140	425971*	POR			
Seal Kit			Shaft Seal			Shaft Bearings		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
Buna	3922866	\$24.19	Sft Seal Buna	3394974	\$6.15	Std. Bearing	3131812	\$17.50
Viton	3919346	\$109.06	Sft Seal Viton #1 Single Seal	3429285	\$12.04			
			Sft Seal Viton #2 Secnd Seal	3429282	\$14.09			
Shaft End Body			Center Section			Port End Cover		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
CODE A	3942356	\$223.50	CODE A	3379585	\$360.75	CODE A	3270679	\$167.00
Miscellaneous Parts								
Description	Part #	List Price	Description	Part#	List Price	Description	Part#	List Price
Washer	3194878	\$2.36	Ret. Ring Br/Sft	3102949	\$2.20			
Spirolox Ring	3158630	\$2.31	Bolts (4 Req.)	3001296	\$2.05			
Bolt (4 Req.)	3087947	\$15.38	Foot Bracket	CRSFB-C-10 Reman	\$166.05			
Flange	CRSFL1-12-12P-10	\$50.23	Flange	CRSFL1-10-10P-10	\$42.03			
Flange	CRSFL1-32-32W-LP-10	\$209.10	Foot Bracket	FB-C-10*	POR			

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