

CRS SERVICE, INC.

CRS3520V FIXED DOUBLE VANE PUMP MODEL CODE BREAKDOWN

MODEL CODE: CRS 3520V ** A ** (*) - 1 * 22 L
CROSS REFERENCE: A B C D E F G H I J

A = BRAND

B = FRAME SIZE

C = DISPLACEMENT

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

D = PORTING

A =	Inlet 3" 4 Bolt Split Flange #1 Outlet 1 1/4" 4 Bolt Split Flange #2 Outlet 3/4" 4 Bolt Split Flange
E =	Inlet 3" 4 Bolt Split Flange #1 Outlet 1 1/4" 4 Bolt Split Flange #2 Outlet 1.0625" – 12 SAE O Ring

E = DISPLACEMENT

	GPM @	1200 RPM	RPM MAX	PSI MAX
5 =	5 GPM	1800	2500	
8 =	8 GPM	1800	2500	
11 =	11 GPM	1800	2500	
12 =	12 GPM	1800	2500	
14 =	14 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

0 =	1.248" Diameter 14T 12/24 MDF 2.31 Ext
1 =	1.25" Diameter 5/16 Square Key 2.88 Ext
11 =	1.248" Diameter 14T 12/24 MDF 2.31 Ext
13 =	1.229" Diameter 14T 12/24 SF 2.27 Ext
19 =	1.248" Diameter 14T 12/24 MDF 3.04 Ext
30 =	1.438" Diameter 5.16 W.K. Tapered 3.28 Ext
39 =	1.226" Diameter 14T 12/24 SF 2.72 Ext
52 =	1.247" Diameter 14T 12/24 MDF 2.19 Ext
70 =	1.248" Diameter 14T 12/24 MDF 2.31 Ext
71 =	1.236" Diameter 14T 12/24 SF 3.88 Ext
72 =	1.248" Diameter 14T 12/24 MDF 2.31 Ext
84 =	1.248" Diameter 14T 12/24 MDF 2.18 Ext
85 =	1.438" Diameter 5.6 W.K. Tapered 3.28 Ext
86 =	1.374" Diameter 5/16 Key 3.37 Ext
113 =	1.248" Diameter 14T 12/24 MDF 3.04 Ext
114 =	1.229" Diameter 14T 12/24 SF 2.27 Ext
123 =	1.248" Diameter 14T 12/24 MDF 2.31 Ext
135 =	1.248" Diameter 14T 12/24 MDF 2.21 Ext
160 =	1.229" Diameter 14T 12/24 SF 2.19 Ext

H = PORT RELATIONSHIP

*as viewed from the cover end

#1 OUTLET OPPOSITE INLET	
AA =	#2 Outlet 135 Degrees CCW from inlet
AB =	#2 Outlet 45 Degrees CCW from inlet
AC =	#2 Outlet 45 Degrees CW from inlet
AD =	#2 Outlet 135 Degrees CW from inlet
#1 OUTLET 90 DEGREES CCW FROM INLET	
BA =	#2 Outlet 135 Degrees CCW from inlet
BB =	#2 Outlet 45 Degrees CCW from inlet
BC =	#2 Outlet 45 Degrees CW from inlet
BD =	#2 Outlet 135 Degrees CW from inlet
#1 OUTLET INLINE WITH INLET	
CA =	#2 Outlet 135 Degrees CCW from inlet
CB =	#2 Outlet 45 Degrees CCW from inlet
CC =	#2 Outlet 45 Degrees CW from inlet
CD =	#2 Outlet 135 Degrees CW from inlet
#1 OUTLET 90 DEGREES CW FROM INLET	
DA =	#2 Outlet 135 Degrees CCW from inlet
DB =	#2 Outlet 45 Degrees CCW from inlet
DC =	#2 Outlet 45 Degrees CW from inlet
DD =	#2 Outlet 135 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, Tx 76118 Phone 817-590-2236 Fax 817-590-2577
www.crsservice.com

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

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CRS3520V FIXED DOUBLE VANE PUMP PARTS LIST

CRS3520V**A**-22

List Price New \$1700.00 Reman \$1540.00

Core Credit (included in price) - Complete Pump \$130.00 35V Cart Kit \$15 Ring \$10.00 25V CART KIT \$10.00 RING \$7.50

NOTE: Add \$60.00 to List Price for Viton

Cartridge Kits and Parts								
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
35**V 25 GPM	3578311	\$614.00	R578311	\$514.50	3576210	\$205.75	R576210	\$86.00
35**V 30 GPM	3578312	\$614.00	R578312	\$514.50	3576212	\$205.75	R576212	\$86.00
35**V 35 GPM	3578313	\$614.00	R578313	\$514.50	3576214	\$205.75	R576214	\$86.00
35**V 38 GPM	3578314	\$614.00	R578314	\$514.50	3575476	\$205.75	R575476	\$86.00
**20V 5 GPM	3585471	\$396.75	R585471	\$328.00	3333624	\$163.00	R333624	\$76.96
**20V 8 GPM	3585473	\$396.75	R585473	\$328.00	3333625	\$163.00	R333625	\$76.96
**20V 11 GPM	3585475	\$396.75	R585475	\$328.00	3333626	\$163.00	R333626	\$76.96
**20V 12 GPM	3585476	\$396.75	R585476	\$328.00	3353901	\$163.00	R353901	\$76.96
**20V 14 GPM	3585477	\$396.75	R585477	\$328.00	3353902	\$163.00	R353902	\$76.96
Rotor				Vane Kit				
Description	Part #	List Price		Description	Part#	List Price		
35V Rotor All Sizes	3575478	\$330.00		35V Vane Kit All Sizes	3941019	\$180.50		
20V 5 & 8	3402690	\$254.25		25V 5 & 8	3922741	\$155.75		
20V 11 - 14	3403539	\$258.25		20V 11 - 14	3922743	\$155.75		
Shafts								
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
0	294459*	POR	70	3330256	POR	123	3432700	POR
1	3258249	\$169.50	71	344376*	POR	135	427711*	POR
11	3258250	\$192.00	72	333655*	POR	160	584371*	POR
13	3251544	\$218.50	84	425643*	POR	* Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability.		
19	3260604	\$208.75	85	351081*	POR			
30	260507*	POR	86	3394517	\$206.75			
39	310430*	POR	113	3413022	\$227.00			
52	428694*	POR	114	3413434	\$152.50			
Seal Kit			Shaft Seal			Shaft Bearings		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
Buna	3922859	\$27.68	Sft Seal Buna	3394973	\$8.20	Std. Bearing	338441	\$27.75
Viton	3919304	\$79.54	Sft Seal Viton #1 Single Seal	3429284	\$12.81			
			Sft Seal Viton #2 Second Seal	3429281	\$10.25			



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CRS3520V FIXED DOUBLE VANE PUMP (CONTINUED)

Shaft End Body			Center Section			Port End Cover		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
CODE A	3942355	\$156.75	CODE A	3250818	\$234.75	CODE A	3250824	\$90.25
CODE E	3942355	\$156.75	CODE E	3250818	\$234.75	CODE E	3252504	\$93.25
Miscellaneous Parts								
Description	Part #	List Price	Description	Part#	List Price			
Washer	3193220	\$1.33	Ret. Ring Br/Sft	3119982	\$1.23			
Spirolox Ring	3193144	\$1.85	Cov Bolts	3001296	\$2.05			
Bolt (4 Req.)	3042023	\$3.08	Foot Bracket	CRSFB-C-10 Reman	\$166.05			
Flange	CRSFL1-10-10P-10	\$42.03	Flange	CRSFL1-06-06P-10	\$34.85			
Flange	CRSFL1-24-24P-10	\$142.07	Foot Bracket	FB-C-10*	POR			

* Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability.



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CRS Brand Vane Pump Products
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