

CRS SERVICE, INC.

CRS3520VQ FIXED DOUBLE VANE PUMP MODEL CODE BREAKDOWN

MODEL CODE: CRS 3520VQ ** A ** (*) - 1 * 20 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
25	=	25 GPM	2500	3000
30	=	30 GPM	2500	2500
35	=	35 GPM	2400	3000
38	=	38 GPM	2400	3000

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 @	RPM MAX	PSI MAX
5	=	5 GPM	2500	3000
8	=	8 GPM	2500	3000
11	=	11 GPM	2500	3000
12	=	12 GPM	2500	3000
14	=	14 GPM	2500	3000

F = SHAFT SEAL AND MOUNTING

F	=	Foot Bracket
S	=	Double Shaft Seal
Omit for single seal & 2 Bolt SAE C 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

20	=	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
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For more information or to place an order call 800-521-2628

CRS SERVICE, INC.

CRS3520VQ FIXED DOUBLE VANE PUMP PARTS LIST

CRS3520VQA**-20**

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**VQ 25 GPM	3413421	\$614.00	R413421	\$514.50	3319396	\$192.00	R319396	\$89.44
35**VQ 30 GPM	3413422	\$614.00	R413422	\$514.50	3319397	\$192.00	R319397	\$89.44
35**VQ 35 GPM	3413418	\$614.00	R413418	\$514.50	3319398	\$192.00	R319398	\$89.44
35**VQ 38 GPM	3413419	\$614.00	R413419	\$514.50	3319399	\$192.00	R319399	\$89.44
20VQ*5 GPM	3417053	\$396.75	R417053	\$328.00	3333624	\$163.00	R333624	\$76.96
20VQ*8 GPM	3417054	\$396.75	R417054	\$328.00	3333625	\$163.00	R333625	\$76.96
20VQ*11GPM	3416427	\$396.75	R416427	\$328.00	3333626	\$163.00	R333626	\$76.96
20VQ*12 GPM	3416428	\$396.75	R416428	\$328.00	3353901	\$163.00	R353901	\$76.96
20VQ*14 GPM	3416429	\$396.75	R416429	\$328.00	3353902	\$163.00	R353902	\$76.96
Rotor				Vane Kit				
Description	Part #	List Price		Description	Part#	List Price		
35VQ Rotor All Sizes	3262154	\$378.75		35VQ Vane Kit All Sizes	3922700	\$180.50		
20VQ 5 & 8	3402690	\$254.25		20VQ 5 & 8	3922741	\$155.75		
20VQ 11 – 14	3403539	\$258.25		20VQ 11 – 14	3922743	\$155.75		
Shafts								
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
0	294459*	POR	52	428694*	POR	113	3413022	\$227.00
1	3258249	\$169.50	70	3330256	POR	114	3413434	\$152.50
11	3258250	\$192.00	71	344376*	POR	123	3432700	POR
13	3251544	\$218.50	72	333655*	POR	135	427711*	POR
19	3260604	\$208.75	84	425643*	POR	160	584371*	POR
30	260507*	POR	85	351081*	POR	* Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability.		
39	310430*	POR	86	3394517	\$206.75			
Seal Kit			Shaft Seal			Shaft Bearings		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
Single Shaft Seal Buna	3920048	\$41.00	Sft Seal Buna	3394973	\$8.20	Std. Bearing	3038441	\$27.75
Single Shaft Seal Viton	3920050	\$64.78	Sft Seal Viton #1 Single Seal	3429284	\$12.81			
Double Shaft Seal Buna	3920049	\$54.37	Sft Seal Viton #2 Second Seal	3429281	\$10.25			
Double Shaft Seal Viton	3920051	\$88.41						



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CRS3520VQ 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	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			
35VQ Flex Plate Kit	3923953	\$174.50	20VQ Flex Plate Kit	3923955	\$120.50			
Flange	CRSFL1-10-10P-10	\$42.03	Flange	CRSFL1-06-06P-10	\$34.85			
Flange	CRSFL1-24-24P-10	\$142.07						

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



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