

CRS SERVICE, INC.

CRSV2020 FIXED VANE PUMP MODEL CODE BREAKDOWN

MODEL CODE: CRS V2020* 1 F *(*) S * * * - 1 * 30
CROSS REFERENCE: A B C D E F G H I J K L M

A = BRAND

B = FRAME SIZE

C = CONTROL OPTIONS

OMIT = No Controls
 F = Flow Control Cover
 P = Priority Control Cover

D = MOUNTING

1 = SAE "B" 2 Bolt Mounting
 2 = Foot Mounting Bracket

E = INLET PORT

F = 2" 4 Bolt Flange

F = DISPLACEMENT SHAFT END PUMP

	AT 1200 RPM	RPM MAX	PSI MAX
7 =	7 GPM	3800	2500
8 =	8 GPM	2800	2500
9 =	9 GPM	2800	2500
11 =	11 GPM	2500	2500
12 =	12 GPM	2400	2500
13 =	13 GPM	2400	2500

G = SHAFT END PUMP OUTLET

S = 1.062" 12 UN 2B

H = DISPLACEMENT PORT END PUMP

	At 1200 RPM	RPM MAX	PSI MAX
6 =	6 GPM	3000	2500
7 =	7 GPM	3000	2500
8 =	8 GPM	2800	2500
9 =	9 GPM	2800	2500
11 =	11 GPM	2500	2500

I = PORT END PORTING

P = Flow Control Cover
 Outlet - 3/4" - 16 O Ring
 Tank Return - 1/2" NPT

S = Flow Control Cover
 Outlet - 3/4" - 16 O Ring
 Tank Return - 11/16" - 12 O Ring

T = Flow Control Cover
 Outlet - 3/4" - 16 O Ring
 Tank Return - 3/4" - 16 O Ring

= Priority Cover
 Primary Outlet - 3/4" - 16 O Ring
 Secondary Outlet - 7/8" - 14 O Ring
 Tank Return - 3/4" - 14 O Ring

J = SHAFT

1 = 7/8" Keyed 2.31 Ext
 3 = Woodruff Keyed & Threaded 2.44 Ext
 11 = 7/8" Splined 13T 1.62" Ext

K = 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

J = CONTROLLED FLOW RATE

1 = 1 GPM
 2 = 2 GPM
 3 = 3 GPM
 4 = 4 GPM
 6 = 6 GPM
 8 = 8 GPM

L = RELIEF SETTING

A = 250 PSI
 B = 500 PSI
 C = 750 PSI
 D = 1000 PSI
 E = 1250 PSI
 F = 1500 PSI
 G = 1750 PSI
 H = 2000 PSI
 I = 2250 PSI
 K = 2500 PSI

M = DESIGN

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CRS Service Inc.

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www.crsservice.com

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

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CRSV2020 FIXED VANE PUMP PARTS LIST

CRSV2020-1FS**** LIST PRICE \$912.00**

Core Credit (included in price) - Complete Pump \$75.00 Cart Kits \$20.00 Rings \$12.00

NOTE: Add \$20.00 to List Price for Viton

Cartridge Kits and Parts								
All CRS Cartridge Kits come complete with Cartridge Kit Seals								
Description	Cartridge Kit Part#	List Price	Ring Part#	List Price	Rotor Part#	List Price	Vane Part #	List Price
V20*0 – 1F 7 GPM KIT	3923494	\$233.50	3328152	\$119.50	3358335	\$126.75	3923493	\$50.75
V20*0 – 1F 8 GPM KIT	3923495	\$233.50	3331791	\$119.50	3358335	\$126.75	3923493	\$50.75
V20*0 – 1F 9 GPM KIT	3923462	\$233.50	3331789	\$119.50	3358335	\$126.75	3923493	\$50.75
V20*0 – 1F 11 GPM KIT	3923475	\$233.50	3328156	\$119.50	3358336	\$126.75	3923478	\$50.75
V20*0 – 1F 12 GPM KIT	3923476	\$233.50	3331806	\$119.50	3358337	\$126.75	3923479	\$50.75
V20*0 – 1F 13 GPM KIT	3923477	\$233.50	3331807	\$119.50	3358337	\$126.75	3923479	\$50.75
V2020-1F**S 6 GPM KIT	3923480	\$186.50	3328150	\$119.50	3502255	\$73.50	3923485	\$50.75
V2020-1F**S 7 GPM KIT	3923481	\$186.50	3328152	\$119.50	3502256	\$73.50	3923493	\$50.75
V2020-1F**S 8 GPM KIT	3923483	\$186.50	3331791	\$119.50	3502256	\$73.50	3923493	\$50.75
V2020-1F**S 9 GPM KIT	3923484	\$186.50	3331789	\$119.50	3502256	\$73.50	3923493	\$50.75
V2020-1F**S 11 GPM KIT	3923482	\$186.50	3328156	\$119.50	3502257	\$73.50	3923478	\$50.75
Shaft Options								
Shaft #	Shaft Part #	List Price		Shaft#	Shaft Part #	List Price		
1	3308686	\$91.25		3	3308925	\$139.25		
11	3308926	\$117.25						
Seal Kit			Shaft Seal			Shaft Bearing		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
Buna	3923174	\$18.45	Buna	3229236	\$5.38	Bearing	3082938	\$13.75
Viton	3919786	\$87.13	Viton		???			
Shaft End Body			Port End Cover			Pressure Plate		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
						V20**	3913569	\$112.75
						V2020	3913529	\$110.70
Miscellaneous Parts								
Description	Part #	List Price		Description	Part#	List Price		
Retaining Ring	3160686	\$1.35		Spirolox Ring	3140356	\$5.84		



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