

CRS SERVICE, INC.

CRS45VQ SINGLE FIXED VANE PUMP MODEL CODE BREAKDOWN

MODEL CODE: CRS 45VQ ** A * - 1 * 20 L
CROSS REFERENCE: A B C D E F G H I

A = BRAND

B = FRAME SIZE

C = DISPLACEMENT

	GPM @	RPM MAX	PSI MAX
42 =	42 GPM	2200	2500
50 =	50 GPM	2200	2500
57 =	57 GPM	2200	2500
60 =	60 GPM	2200	2500

D = PORTING

A = Inlet 3" SAE 4 Bolt Split Flange
 Outlet 1 1/2" SAE 4 Bolt Split Flange

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

20 = Design Code

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
 2335 Handley Ederville Road, Fort Worth, Texas 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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CRS45VQ SINGLE FIXED VANE PUMP PARTS LIST

CRS45VQA**-20**

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

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
42 gpm	3416435	\$788.25	R416435	\$668.25	3297510	\$287.75	R297510	\$152.88
50 gpm	3416436	\$788.25	R416436	\$668.25	3297502	\$287.75	R297502	\$152.88
57 gpm	3421233	\$788.25	R421233	\$668.25	3306772	\$287.75	R306772	\$152.88
60 gpm	3416437	\$788.25	R416437	\$668.25	3297503	\$287.75	R297503	\$152.88
Rotor			Vane Kit			Flex Plate Kit		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
Rotor All Sizes	3283871	\$426.50	Vane Kit All Sizes	3922701	\$209.00	Flex Plate Kit	3923954	\$188.50
Shafts								
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	* Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability.		
31	3263780	\$434.50	130	3422541	\$178.00			
33	3413020	\$149.25	135	429066*	POR			
43	260535*	POR	139	425969*	POR			
Seal Kit			Shaft Seal			Shaft Bearings		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
One Shaft Seal Buna Kit	3920025	\$27.47	Buna Seal	3394974	\$6.15	Std. Bearing	3131812	\$17.50
One Shaft Seal Viton Kit	3920027	\$47.92	Viton Seal #1 Single Seal	3429285	\$12.04			
Two Shaft Seals Buna Kit	3920026	\$43.82	Viton Seal #2 Second Seal	3429282	\$14.09			
Two Shaft Seals Viton Kit	3920028	\$69.19						
Cover				Body				
Description	Part #	List Price	Description	Part#	List Price	Description	Part#	List Price
Code A	3229633	\$213.25	Code A	3942356	\$223.50			
Miscellaneous Parts								
Description	Part #	List Price	Description	Part#	List Price	Description	Part#	List Price
Washer	3194878	\$2.30	Ret. Ring Br/Sft	3102949	\$2.15			
Spirolox Ring	3158630	\$2.25	Bolt (4 Req.)	3061321	\$11.00			
Flange	CRSFL1-24-24P-10	\$142.07	Flange	CRSFL1-12-12P-10	\$50.23			
Foot Bracket	FB-C-10*	POR						
Foot Bracket	CRSFB-C-10 Reman	\$166.05						

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