

CRS SERVICE, INC.

CRS4535VQ FIXED DOUBLE VANE PUMP MODEL CODE BREAKDOWN

MODEL CODE: CRS 4535VQ ** A ** (*) - 1 * 20 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
42	=	42 GPM		2200	2500
50	=	50 GPM		2200	2500
57	=	57 GPM		2200	2500
60	=	60 GPM		2200	2500

D = PORTING

A = Inlet 31/2" 4 Bolt Split Flange
 #1 Outlet 1 1/2" 4 Bolt Split Flange
 #2 Outlet 1" 4 Bolt Split Flange

E = DISPLACEMENT

		GPM @	1200 RPM	RPM MAX	PSI MAX
25	=	25 GPM		2200	3000
30	=	30 GPM		2200	3000
35	=	35 GPM		2200	3000
38	=	38 GPM		2200	3000

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

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

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

CRS SERVICE, INC.

CRS4535VQ FIXED DOUBLE VANE PUMP PARTS LIST

CRS4535VQA**-**-22**

List Price New \$2396.00 Reman \$1954.00

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

NOTE: Add \$80.00 to List Price for Viton

Cartridge Kits and Parts								
<i>All CRS Cartridge Kits come complete with Cartridge Kit Seals</i>								
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**VQ42 GPM	3416435	\$788.25	R416435	\$668.25	3297510	\$287.75	R297510	\$152.88
45**VQ50 GPM	3416436	\$788.25	R416436	\$668.25	3297502	\$287.75	R297502	\$152.88
45**VQ57 GPM	3421233	\$788.25	R421233	\$668.25	3306772	\$287.75	R306772	\$152.88
45**VQ60 GPM	3416437	\$788.25	R416437	\$668.25	3297503	\$287.75	R297503	\$152.88
35VQ*25 GPM	3421240	\$614.00	R421240	\$514.50	3319396	\$192.00	R319396	\$89.44
35VQ*30 GPM	3421241	\$614.00	R421241	\$514.50	3319397	\$192.00	R319397	\$89.44
35VQ*35 GPM	3421242	\$614.00	R421242	\$514.50	3319398	\$192.00	R319398	\$89.44
35VQ*38 GPM	3421243	\$614.00	R421243	\$514.50	3319399	\$192.00	R319399	\$89.44
Rotor				Vane Kit				
Description	Part #	List Price		Description	Part#	List Price		
45VQ Rotor All Sizes	3283871	\$426.50		45VQ Vane Kit All Sizes	3922701	\$209.00		
35VQ Rotor All Sizes	3262154	\$378.75		35VQ Vane Kit All Sizes	3922700	\$180.50		
Flex Plate Kits								
Description	Part #	List Price		Description	Part#	List Price		
45VQ Flex Plate Kit	3923954	\$188.50		35VQ Flex Plate Kit	3923953	\$174.50		
Shafts								
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
1	3289083	\$205.75	113	433326*	POR	401	634864*	POR
11	3289084	\$213.25	114	3413027	\$148.00	402	626232*	POR
13	3270650	POR	116	413026*	POR	411	634867*	POR
19	860608*	POR	125	3413438	\$293.25	413	502346*	POR
74	341782*	POR	126	3416581	\$372.00			
82	353900*	POR	130	3422544	\$217.50			
86	3361763	\$248.25	136	428616*	POR			
94	387416*	POR	140	425971*	POR			
100	3397167	POR	144	453498*	POR			
108	409315*	POR	163	586337*	POR			
<i>* Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability.</i>								
Seal Kit			Shaft Seal			Shaft Bearings		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
Single Shaft Seal Buna	3920072	\$45.82	Sft Seal Buna	3394974	\$6.15	Standard Bearing	3131812	\$17.50
Single Shaft Seal Viton	3920074	\$86.10	Sft Seal Viton #1 Single Seal	3429285	\$12.04			
Double Shaft Seal Buna	3920073	\$66.63	Sft Seal Viton #2 Second Seal	3429282	\$14.09			
Double Shaft Seal Viton	3920075	\$108.65						



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

CRS SERVICE, INC.

CRS4535VQ 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	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	35VQ Flex Plate Kit	3923953	\$174.50			
45VQ Flex Plate Kit	3923954	\$188.50	Foot Bracket	CRSFB-C-10 Reman	\$166.05			
Bolt (4 Req.)	3087947	\$15.38	Flange	CRSFL1-10-10P-10	\$42.03			
Flange	CRSFL1-12-12P-10	\$50.23	Foot Bracket	FB-C-10	POR			
Flange	CRSFL1-32-32W-LP-10	\$209.10	320072*	Vibration Dampener	\$5.04			

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



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

**For more information about
CRS Brand Vane Pump Products
Contact your CRS Sales Representative
At 800-521-2628.**



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