

**GENUINE** **MEIARIS**



**VANE PRODUCT LISTING**  
**EFFECTIVE: SEPTEMBER 1, 2010**

**YOUR SOURCE FOR HIGH QUALITY  
VANE PUMPS AND COMPONENTS**



# VANE PRODUCT LISTING

## VANE PUMPS

### Series

V10

V20 (available with B Mounting Flange,NPT only )

V10F/ NF

V20F/ NF (available with B Mounting Flange,NPT only )

V10P

V20P (available with B Mounting Flange,NPT only )

V2010

V2020

VTM42 (RESERVOIR AVAILABLE)

20V/VQ SINGLE

25V/VQ SINGLE

35V/VQ SINGLE

45V/VQ SINGLE

### PRICE INCLUDES STANDARD SPLINED / KEYED SHAFT

2520V/VQ TANDEM

3520V/VQ TANDEM

3525V/VQ TANDEM

4520V/VQ TANDEM

4525V/VQ TANDEM

4535V/VQ TANDEM

### CUSTOM SHAFTS AVAILABLE FOR MOST SERIES OF PUMPS

2520VQV10 TRIPLE

3520VQV10 TRIPLE

3525VQV10 TRIPLE

4535VQV10 TRIPLE

3525VQV20 TRIPLE

4525VQV20 TRIPLE



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# VANE PRODUCT LISTING

## **VANE PUMPS**

*INCLUDES STANDARD SPLINED SHAFT*

### **HIGH PRESSURE VANE PUMPS (32 DESIGN)**

35VQH SINGLE

45VQH SINGLE

3520VQH DOUBLE

3525VQH DOUBLE

4520VQH DOUBLE

4525VQH DOUBLE

4535VQH DOUBLE

3520VQHV10 TRIPLE

3525VQHV10 TRIPLE

4535VQHV10 TRIPLE

*FOR MORE INFORMATION PLEASE CONTACT SALES DEPT.*



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# VANE PRODUCT LISTING

## CARTRIDGE KITS SUMMARY

### SERIES

V10 - 1/2/3/4/5/6/7 GPM

V20 - 6/7/8/9/10/11/12/13 GPM

V2010/V2020 Front Cartridges

VTM42 - 1/1.5/2/4/5/6 GPM

*\*CALL FOR SIZES AND AVAILABILITY*

### MOBILE & INDUSTRIAL APPLICATION KITS

20V/VQ - 5/8/9/11/12/14 GPM

25V/VQ - 12/14/17/19/21 GPM

30V/VQ - 24/28 GPM

35V/VQ - 21/25/30/35/38 GPM

45V/VQ - 42/47/50/57/60 GPM

*\*THESE UNITS AVAILABLE IN THRU-DRIVE CONFIGURATIONS*

### 22 Design High Pressure Cartridge Kits

20VQH - 5/8/9/11/12/14 GPM

25VQH - 12/14/17/19/21 GPM

35VQH - 25/30/35/38 GPM

45VQH - 42/50/57/60 GPM

### 30 Design High Pressure Cartridge Kits

35VQH - 30/35/38 GPM

45VQH - 50/57/60 GPM

### 32 Design High Pressure Cartridge Kits

35VQH - 35/38 GPM

45VQH - 50/57/60 GPM



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## CARTRIDGE KITS

METARIS #	ALTERNATIVE #	DESCRIPTION
N20-40-056	M585471	CARTRIDGE 20V05 N-X-R
N20-40-086	M585473	CARTRIDGE 20V08 N-X-R
N20-40-116	M585475	CARTRIDGE 20V11 N-X-R
N20-40-126	M585476	CARTRIDGE 20V12 N-X-R
N20-40-146	M585477	CARTRIDGE 20V14 N-X-R
N20-40-146	M102511	CARTRIDGE 20V14 N-X-R
N25-40-122	M102544	CARTRIDGE25V12V-X-R
N25-40-124	M102540	CARTRIDGE25V12V-B-R
N25-40-126	M591091	CARTRIDGE25V12N-X-R
N25-40-128	M591002	CARTRIDGE25V12N-B-R
N25-40-142	M102545	CARTRIDGE25V14V-X-R
N25-40-144	M102541	CARTRIDGE25V14V-B-R
N25-40-146	M591092	CARTRIDGE25V14N-X-R
N25-40-148	M591003	CARTRIDGE25V14N-B-R
N25-40-172	M102546	CARTRIDGE25V17V-X-R
N25-40-174	M102542	CARTRIDGE25V17V-B-R
N25-40-176	M102538	CARTRIDGE25V17N-X-R
N25-40-178	M102534	CARTRIDGE25V17N-B-R
N25-40-212	M102547	CARTRIDGE25V21V-X-R
N25-40-214	M102543	CARTRIDGE25V21V-B-R
N25-40-216	M102539	CARTRIDGE25V21N-X-R
N25-40-218	M102535	CARTRIDGE25V21N-B-R
N25-41-121	M421576-L	CARTRIDGE25VQ12V-X-L
N25-41-123	M421570-L	CARTRIDGE25VQ12V-B-L
N25-41-124	M421570	CARTRIDGE25VQ12V-B-R
N25-41-125	M421244-L	CARTRIDGE25VQ12N-X-L
N25-41-126	M421244	CARTRIDGE25VQ12N-X-R
N25-41-127	M416439-L	CARTRIDGE25VQ12N-B-L
N25-41-128	M416439	CARTRIDGE25VQ12N-B-R



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# VANE PRODUCT LISTING

## CARTRIDGE KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N25-41-141	M421577-L	CARTRIDGE25VQ14V-X-L
N25-41-142	M421577	CARTRIDGE25VQ14V-X-R
N25-41-143	M421571-L	CARTRIDGE25VQ14V-B-L
N25-41-144	M421571	CARTRIDGE25VQ14V-B-R
N25-41-145	M421235-L	CARTRIDGE25VQ14N-X-L
N25-41-146	M421235	CARTRIDGE25VQ14N-X-R
N25-41-147	M416440-L	CARTRIDGE25VQ14N-B-L
N25-41-148	M416440	CARTRIDGE25VQ14N-B-R
N25-41-164	M578174	CARTRIDGE25VQ16V-B-R
N25-41-171	M421578-L	CARTRIDGE25VQ17V-X-L
N25-41-172	M421578	CARTRIDGE25VQ17V-X-R
N25-41-173	M421572-L	CARTRIDGE25VQ17V-B-L
N25-41-174	M421572	CARTRIDGE25VQ17V-B-R
N25-41-175	M421236-L	CARTRIDGE25VQ17N-X-L
N25-41-176	M421236	CARTRIDGE25VQ17N-X-R
N25-41-177	M416441-L	CARTRIDGE25VQ17N-B-L
N25-41-178	M416441	CARTRIDGE25VQ17N-B-R
N25-41-191	M421579-L	CARTRIDGE25VQ19V-X-L
N25-41-192	M421579	CARTRIDGE25VQ19V-X-R
N25-41-193	M421573-L	CARTRIDGE25VQ19V-B-L
N25-41-194	M421573	CARTRIDGE25VQ19V-B-R
N25-41-195	M421237-L	CARTRIDGE25VQ19N-X-L
N25-41-196	M421237	CARTRIDGE25VQ19N-X-R
N25-41-197	M421232-L	CARTRIDGE25VQ19N-B-L
N25-41-198	M421232	CARTRIDGE25VQ19N-B-R
N25-41-211	M421580-L	CARTRIDGE25VQ21V-X-L
N25-41-212	M421580	CARTRIDGE25VQ21V-X-R
N25-41-213	M421574-L	CARTRIDGE25VQ21V-B-L
N25-41-215	M421238-L	CARTRIDGE25VQ21N-X-L



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## CARTRIDGE KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N25-41-216	M421238	CARTRIDGE25VQ21N-X-R
N25-41-217	M416442-L	CARTRIDGE25VQ21N-B-L
N25-41-218	M416442	CARTRIDGE25VQ21N-B-R
N25-42-123		CARTRIDGE 25VQH12-L-22
N25-42-124		CARTRIDGE 25VQH12-R-22
N25-42-143		CARTRIDGE 25VQH14-L-22
N25-42-144		CARTRIDGE 25VQH14-R-22
N25-42-173		CARTRIDGE 25VQH17-L-22
N25-42-174		CARTRIDGE 25VQH17-R-22
N25-42-193		CARTRIDGE 25VQH19-L-22
N25-42-194		CARTRIDGE 25VQH19-R-22
N25-42-213		CARTRIDGE 25VQH21-L-22
N25-42-214		CARTRIDGE 25VQH21-R-22
N25-45-122	M581851	CARTRIDGE25VQ12TRP
N25-45-142	M581852	CARTRIDGE25VQ14TRP
N25-45-172	M581853	CARTRIDGE25VQ17TRP
N25-45-192	M581854	CARTRIDGE25VQ19TRP
N25-45-211	M581855-L	CARTRIDGE25VQ21TRP-L
N25-45-212	M581855	CARTRIDGE25VQ21TRP
N30-41-243	M421645-L	CARTRIDGE 30VQ24 V-B-L
N30-41-244	M421645	CARTRIDGE 30VQ24 V-B-R
N30-41-247	M417052-L	CARTRIDGE 30VQ24 N-B-L
N30-41-248	M417052	CARTRIDGE 30VQ24 N-B-R
N30-41-287	M416452-L	CARTRIDGE 30VQ28 N-B-L
N30-41-288	M416452	CARTRIDGE 30VQ28 N-B-R
N35-40-252	M102564	CARTRIDGE 35V25 V-X-R
N35-40-254	M102560	CARTRIDGE35V25 V-B-R
N35-40-256	M102556	CARTRIDGE 35V25 N-X-R
N35-40-257	M102552-L	CARTRIDGE35V25 N-B-L



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## CARTRIDGE KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N35-40-258	M102552	CARTRIDGE 35V25 N-B-R
N35-40-302	M102565	CARTRIDGE 35V30 V-X-R
N35-40-304	M102561	CARTRIDGE35V30 V-B-R
N35-40-306	M102557	CARTRIDGE 35V30 N-X-R
N35-40-308	M102553	CARTRIDGE 35V30 N-B-R
N35-40-352	M102566	CARTRIDGE 35V35 V-X-R
N35-40-354	M102562	CARTRIDGE35V35 V-B-R
N35-40-356	M582350	CARTRIDGE 35V35 N-X-R
N35-40-358	M102554	CARTRIDGE 35V35 N-B-R
N35-40-382	M102567	CARTRIDGE 35V38 V-X-R
N35-40-384	M102563	CARTRIDGE35V38 V-B-R
N35-40-386	M102559	CARTRIDGE 35V38 N-X-R
N35-40-388	M578314	CARTRIDGE 35V38 N-B-R
N35-41-211	M421563	CARTRIDGE35VQ21 V-X-L
N35-41-213	M421582-L	CARTRIDGE35VQ21 V-B-L
N35-41-214	M421582	CARTRIDGE35VQ21 V-B-R
N35-41-217	M413420-L	CARTRIDGE35VQ21 N-B-L
N35-41-218	M413420	CARTRIDGE35VQ21 N-B-R
N35-41-251	M421564-L	CARTRIDGE35VQ25 V-X-L
N35-41-252	M421564	CARTRIDGE35VQ25 V-X-R
N35-41-253	M421583-L	CARTRIDGE35VQ25 V-B-L
N35-41-254	M421583	CARTRIDGE35VQ25 V-B-R
N35-41-254	M421584	CARTRIDGE35VQ30 V-B-R
N35-41-255	M421240-L	CARTRIDGE35VQ25 N-X-L
N35-41-256	M421240	CARTRIDGE35VQ25 N-X-R
N35-41-257	M413421-L	CARTRIDGE35VQ25 N-B-L
N35-41-258	M413421	CARTRIDGE35VQ25 N-B-R
N35-41-301	M421565-L	CARTRIDGE35VQ30 V-X-L
N35-41-302	M421565	CARTRIDGE35VQ30 V-X-R



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## CARTRIDGE KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N35-41-303	M421584-L	CARTRIDGE35VQ30 V-B-L
N35-41-305	M421241-L	CARTRIDGE35VQ30 N-X-L
N35-41-306	M421241	CARTRIDGE35VQ30 N-X-R
N35-41-307	M413422-L	CARTRIDGE35VQ30 N-B-L
N35-41-308	M413422	CARTRIDGE35VQ30 N-B-R
N35-41-351	M421566-L	CARTRIDGE35VQ35 V-X-L
N35-41-352	M421566	CARTRIDGE35VQ35 V-X-R
N35-41-353	M421585-L	CARTRIDGE35VQ35 V-B-L
N35-41-354	M421585	CARTRIDGE35VQ35 V-B-R
N35-41-355	M421242-L	CARTRIDGE35VQ35 N-X-L
N35-41-356	M421242	CARTRIDGE35VQ35 N-X-R
N35-41-357	M413418-L	CARTRIDGE35VQ35 N-B-L
N35-41-358	M413418	CARTRIDGE35VQ35 N-B-R
N35-41-381	M421567-L	CARTRIDGE35VQ38 V-X-L
N35-41-382	M421567	CARTRIDGE35VQ38 V-X-R
N35-41-383	M421586-L	CARTRIDGE35VQ38 V-B-L
N35-41-384	M421586	CARTRIDGE35VQ38 V-B-R
N35-41-385	M421243-L	CARTRIDGE35VQ38 N-X-L
N35-41-386	M421243	CARTRIDGE35VQ38 N-X-R
N35-41-387	M413419-L	CARTRIDGE35VQ38 N-B-L
N35-41-388	M413419	CARTRIDGE35VQ38 N-B-R
N35-42-253		CARTRIDGE 35VQH25-L-22
N35-42-303		CARTRIDGE 35VQH30-L-22
N35-42-304		CARTRIDGE 35VQH30-R-22
N35-42-353		CARTRIDGE 35VQH35-L-22
N35-42-354		CARTRIDGE 35VQH35-R-22
N35-42-383		CARTRIDGE 35VQH38-L-22
N35-42-384		CARTRIDGE 35VQH38-R-22
N35-44-383		CARTRIDGE 35VQH38-L-32



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## CARTRIDGE KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N35-44-384		CARTRIDGE 35VQH38-R-32
N35-45-214	M583338	CARTRIDGE35VQ21 TRP
N35-45-254	M583339	CARTRIDGE35VQ25 TRP
N35-45-301	M583340-L	CARTRIDGE35VQ30 V-X-L TRP
N35-45-304	M583340	CARTRIDGE35VQ30 TRP
N35-45-354	M383341	CARTRIDGE35VQ35 TRP
N35-45-384	M583342	CARTRIDGE35VQ38 TRP
N45-40-424	M102576	CARTRIDGE 45V42 V-B-R
N45-40-428	M102572	CARTRIDGE 45V42 N-B-R
N45-40-454	M586331	CARTRIDGE 45V45 V-B-R
N45-40-458	M582572	CARTRIDGE 45V45 N-B-R
N45-40-504	M102577	CARTRIDGE 45V50 V-B-R
N45-40-508	M581664	CARTRIDGE 45V50 N-B-R
N45-40-603	M102578-L	CARTRIDGE 45V60 V-B-L
N45-40-604	M102578	CARTRIDGE 45V60 V-B-R
N45-40-608	M102575	CARTRIDGE 45V60 N-B-R
N45-41-423	M419511-L	CARTRIDGE 45VQ42 V-B-L
N45-41-427	M416435-L	CARTRIDGE 45VQ42 N-B-L
N45-41-428	M416435	CARTRIDGE 45VQ42 N-B-R
N45-41-473	M421954-L	CARTRIDGE 45VQ47 V-B-L
N45-41-474	M421954	CARTRIDGE 45VQ47 V-B-R
N45-41-477	M421234-L	CARTRIDGE 45VQ47 N-B-L
N45-41-478	M421234	CARTRIDGE 45VQ47 N-B-R
N45-41-503	M419510-L	CARTRIDGE 45VQ50 V-B-L
N45-41-507	M416436-L	CARTRIDGE 45VQ50 N-B-L
N45-41-508	M416436	CARTRIDGE 45VQ50 N-B-R
N45-41-573	M421955-L	CARTRIDGE 45VQ57 V-B-L
N45-41-577	M421233-L	CARTRIDGE 45VQ57 N-B-L
N45-41-578	M421233	CARTRIDGE 45VQ57 N-B-R



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# VANE PRODUCT LISTING

## CARTRIDGE KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N45-41-603	M419509-L	CARTRIDGE 45VQ60 V-B-L
N45-41-604	M419509	CARTRIDGE 45VQ60 V-B-R
N45-41-607	M416437-L	CARTRIDGE 45VQ60 N-B-L
N45-41-608	M416437	CARTRIDGE 45VQ60 N-B-R
N45-42-424		CARTRIDGE 45VQH42-R-22
N45-42-503	M582355-L	CARTRIDGE 45VQH50-L-F3-22
N45-42-504	M582355	CARTRIDGE 45VQH50-R-22
N45-42-573	M478047-L	CARTRIDGE 45VQH57-L-22
N45-42-603		CARTRIDGE 45VQH60-L-22
N45-42-604	M591425	CARTRIDGE 45VQH60-R-22
N45-44-503		CARTRIDGE 45VQH50-L-32
N45-44-504		CARTRIDGE 45VQH50-R-32
N45-44-573		CARTRIDGE 45VQH57-L-32
N45-44-603		CARTRIDGE 45VQH60-L-32
N45-45-504		CARTRIDGE 45VQV50-22
N45-45-604		CARTRIDGE 45VQV60-22
V10-40-010	M923471	CARTRIDGE V10-01
V10-40-020	M923470	CARTRIDGE V10-02
V10-40-030	M923496	CARTRIDGE V10-03
V10-40-040	M923469	CARTRIDGE V10-04
V10-40-050	M923468	CARTRIDGE V10-05
V10-40-060	M923497	CARTRIDGE V10-06
V10-40-070	M923498	CARTRIDGE V10-07
V20-40-050	M02-137570	CARTRIDGE V20-05F3
V20-40-060	M02-137571	CARTRIDGE V20-06F3
V20-40-070	M02-137572	CARTRIDGE V20-07F3
V20-40-080	M02-137573	CARTRIDGE V20-08F3
V20-40-090	M02-137574	CARTRIDGE V20-09F3
V20-40-100	M02-137575	CARTRIDGE V20-10F3



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## CARTRIDGE KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
V20-40-110	M02-137576	CARTRIDGE V20-11F3
V20-40-120	M02-137577	CARTRIDGE V20-12F3
V20-40-130	M02-137578	CARTRIDGE V20-13F3
V21-40-050	M02-141745	CARTRIDGE V2010-5GPM
V21-40-060	M02-141746	CARTRIDGE V2010-6GPM
V21-40-070	M02-152006	CARTRIDGE V2010-7GPM
V21-40-080	M02-152007	CARTRIDGE V2010-8GPM
V21-40-090	M02-152008	CARTRIDGE V2010-9GPM
V21-40-100	M02-152009	CARTRIDGE V2010-10GPM
V21-40-110	M02-152010	CARTRIDGE V2010-11GPM
V21-40-120	M02-152011	CARTRIDGE V2010-12GPM
V21-40-130	M02-152012	CARTRIDGE V2010-13GPM
V42-40-010	M923087	VTM CARTRIDGE 1.0 GPM
V42-40-015	M923088	VTM CARTRIDGE 1.5 GPM
V42-40-020	M923089	VTM CARTRIDGE 2.0 GPM
V42-40-040	M923090	VTM CARTRIDGE 4.0 GPM
V42-40-050	M923091	VTM CARTRIDGE 5.0 GPM
V42-40-060	M923092	VTM CARTRIDGE 6.0 GPM



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# VANE PRODUCT LISTING

## SHAFTS

METARIS #	ALTERNATIVE #	DESCRIPTION
MPN000685	M116644	V210-001 SHAFT KEYED
MPN000688	M120037	V210-003 SHAFT KEYED
MPN000690	M131420	V210-006 SHAFT
N20-50-120	M497109	20VQ-001 SHAFT KEYED S/A
N20-50-320	M497113	20VQ-151 SHAFT SPLINED S/A
N25201-50-32	M913330	2520VQV10-297 SHAFT SPLINED S/A
N25201-50-33	M944154	2520VQV10-298 SHAFT SPLINED S/A
N25201-50-34	M574831	2520VQV10-171 SHAFT SPLINED CAT
N2520-50-121	M254964	2520VQ-001 SHAFT KEYED S/A
N2520-50-122	M387448	2520VQ-003 SHAFT KEYED S/A
N2520-50-131	M419083	2520VQ-086 SHAFT
N2520-50-320	M413433	2520VQ-011/123 SHAFT SPLINED S/A
N2520-50-330	M287333	2520VQ-049 SHAFT SPLINED S/A SPCL
N2520-50-341	M576247	2520VQ-145 SHAFT SPLINE CATAP. ONLY
N2520-50-342	M413021	2520VQ-025 SHAFT SPLINE XLONG S/A
N2520-50-630	M309130	2520VQ-005 SHAFT TAPERED S/A
N25-50-121	M238755	25VQ-001 SHAFT KEYED S/A
N25-50-122	M242747	25VQ-003 SHAFT KEYED S/A
N25-50-130	M478826	25VQ-025 SHAFT SPLINED S/A SPCL
N25-50-320	M238929	25VQ-011 SHAFT SPLINED S/A
N25-50-330	M402105	25VQ-105 SHAFT SPLINED S/A SPCL
N25-50-341	M270187	25VQ-025 SHAFT SPLINED S/A SPCL
N25-50-342	M413018	25VQ-109 SHAFT SPLINED S/A SPCL
N25-50-343	M585311	25VQ-112 SHAFT SPLINED S/A SPCL
N25-50-344	M424457	25VQ-127 SHAFT SPLINED S/A SPCL
N25-50-630	M242784	25VQ-005 SHAFT TAPERED SPCL
N26-50-330	M402104	26VQ-104 SHAFT SPLINED S/A SPCL
N26-50-631	M424086	26VQ-132 SHAFT TAPERED SPCL
N26-50-632	M578154	26VQ-149 SHAFT TAPERED SPCL



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# VANE PRODUCT LISTING

## SHAFTS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N35201-50-34	M913608	3520VQV10-297 SHAFT SPLINED S/A
N3520-50-140	M258249	3520VQ-001 SHAFT KEYED S/A
N3520-50-170	M394517	3520VQ-086 SHAFT KEYED HEAVYDUTY
N3520-50-341	M258250	3520VQ-011 SHAFT SPLINED S/A
N3520-50-342	M413022	3520VQ-019 SHAFT SPLINE S/A XL SPCL
N2520-50-132		2520VQ-182 SHAFT KEYED
N3520-50-343	M413434	3520VQ-114 SHAFT SPLINED S/A
N3520-50-344	M584371	3520VQ-160 SHAFT
N35251-50-34	M883250	3525VQV10-297 SHAFT SPLINED
N3525-50-140	M243448	3525VQ-001 SHAFT
N3525-50-170	M394036	3525VQ-086 SHAFT KEYED
N3525-50-341	M243449	3525VQ-011 SHAFT SPLINED
N2520-50-360		2520VQ-121 SHAFT SPLINED
N3525-50-342	M247019	3525VQ-019 SHAFT XLONG
N2520-50-132		2520VQ-182 SHAFT KEYED
N3525-50-343	M285417	3525VQ-033/111 SHAFT SPLINED SPCL
N3525-50-344	M432701	3525VQ-123 SHAFT SPLINED
N3525-50-345	M432632	3525VQ-142 SHAFT SPLINED SPCL
N3525-50-346	M913757	3525VQT-297 SHAFT SPLINE THRU DRIVE
N35-50-140	M233624	35VQ-001 SHAFT KEYED S/A
N35-50-170	M392669	35VQ-086 SHAFT KEYED HEAVYDUTY
N35-50-341	M413019	35VQ-004 SHAFT SPLINED S/A SPCL
N35-50-342	M242287	35VQ-011 SHAFT SPLINED S/A
N35-50-343	M275270	35VQ-019 SHAFT SPLINED S/A XLONG
N35-50-344	M417331	35VQ-127 SHAFT SPLINED S/A SPCL
N35-50-345	M634895	35VQ-173 SHAFT SPLINED S/A SPCL
N35-50-350	M313317	36VQ-064 SHAFT SPLINED S/A SPCL
N35-50-600	M417333	35VQ-129 SHAFT TAPERED SPCL
N4520-50-140	M255533	4520VQ-001 SHAFT KEYED S/A



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# VANE PRODUCT LISTING

## SHAFTS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N4520-50-180	M361761	4520VQ-086 SHAFT KEYED HEAVYDUTY
N4520-50-341	M255536	4520VQ-011 SHAFT SPLINED S/A
N4520-50-342	M413436	4520VQ-114 SHAFT SPLINED S/A
N4520-50-343	M413437	4520VQ-115 SHAFT SPLINED S/A SPCL
N45252-51-34	M143-9721	4525VQHV20-414 SHAFT SPLINED
N4525-50-140	M233524	4525VQ-001 SHAFT KEYED S/A
N4525-50-181	M361762	4525VQ-086 SHAFT KEYED HEAVYDUTY
N4525-50-341	M233527	4525VQ-011 SHAFT SPLINED S/A
N35251-50-17		3525VQV10-086 SHAFT
N4525-50-342	M413024	4525VQ-114 SHAFT SPLINED S/A
N35251-50-34		3525VQV10-297 SHAFT SPLINED SHORTEN
N4525-50-343	M413025	4525VQ-115 SHAFT SPLINED S/A
N4525-50-344	M432703	4525V-130 SHAFT SPLINED S/A
N4525-50-345	M913576	4525VQT-297 SHFT SPLINED THRU-DRIVE
N45351-50-34	M572821	4535VQV10-297 SHAFT SPLINED COARSE
N45351-51-34	M883215	4535VQHV10-414 SHAFT SPLINED
N4520-51-140		4520VQH-401 SHAFT
N4520-51-341		4520VQH-411 SHAFT
N4520-51-342		4520VQH-414 SHAFT
N45201-51-14		4520VQHV10-401 SHAFT
N45201-51-34		4520VQHV10-414 SHAFT
N4535-50-140	M289083	4535VQ-001 SHAFT KEYED S/A
N4535-50-180	M361763	4535VQ-086 SHAFT KEYED HEAVYDUTY
N4535-50-341	M289084	4535VQ-011 SHAFT SPLINED S/A
N4535-50-342	M413027	4535VQ-114/019 SHAFT SPLINED XL S/A
N4535-50-343	M413438	4535VQ-125 SHAFT SPLINED S/A
N4535-50-344	M860607	4535VQ-219 SHAFT
N4525-51-140		4525VQH-401 SHAFT
N4525-51-341		4525VQH-411 SHAFT



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# VANE PRODUCT LISTING

## SHAFTS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N4525-51-342		4525VQH-414 SHAFT
N45251-51-34		4525VQHV10-414 SHAFT
N45251-51-18		4525VQHV10-486 SHAFT
N45-50-140	M233369	45VQ-001 SHAFT KEYED STRAIGHT K S/A
N45-50-180	M361760	45VQ-086 SHAFT KEYED HEAVYDUTY S/A
N45-50-341	M233370	45VQ-004 SHAFT SPLINED S/A
N45-50-342	M242885	45VQ-011 SHAFT SPLINED S/A
N45-50-343	M265575	45VQ-019 SHAFT SPLINED XLONG S/A
N45-50-344	M413020	45VQ-111 SHAFT SPLINED S/A SPCL
N45-50-345	M413430	45V/VQ-120 SHAFT SPLINED S/A SPCL
N45-50-346	M422541	45VQ-130 SHAFT SPLINED S/A
N4535-51-140		4535VQH-401 SHAFT
N4535-51-341		4535VQH-411 SHAFT
N4535-51-342		4535VQH-414 SHAFT
N45-50-390	M252893	45VQ-026 SHAFT SPLINED S/A CAT ONLY
V10-50-112	M375485	V10-034 SHAFT KEYED THREADED
V10-50-113	M374340	V10-003 SHAFT KEYED THREADED
V10-50-161	M382250	V10-006 SHAFT KEYED STRAIGHT
V10-50-162	M374338	V10-001 SHAFT KEYED STRAIGHT
V10-50-163	M378959	V10-004 SHAFT KEY .750DIA, 1.651EXT
V10-50-310	M374339	V10-011 SHAFT SPLINED
V10-50-320	M375480	V10-012 SHAFT SPLINED
V10-50-360	M387481	V10-038 SHAFT SPLINED
V10-50-111		V10-SHAFT KEYED / THREADED
V20-50-164		V20 SHAFT KEYED / THREADED 1/4 X20
V10-50-920	M380281	V10-027 SHAFT TANG
V20-50-130	M280504	V20-003 SHAFT THR. KEYED, 10-13 GPM
V20-50-161	M297330	V20-006 SHAFT KEYED
V20-50-162	M324043	V20-010 SHAFT KEYED, 10-13 GPM



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# VANE PRODUCT LISTING

## SHAFTS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
V20-50-163	M280372	V20-001 SHAFT KEYED
V20-50-311	M582610	V20-062 SHAFT SPLINED
V20-50-312	M307817	V20-018 SHAFT SPLINED
V20-50-321	M324047	V20-023 SHAFT SPLINED
V20-50-322	M294922	V20-015 SHAFT SPLINED
V20-50-361	M280515	V20-011 SHAFT SPLINE, 10-13 GPM
V20-50-364	M328096	V20-038/138 SHAFT SPLINED
V21-50-120	M351249	V2010-001 SHAFT
V21-50-320	M321215	V2010-011 SHAFT
V22-50-121	M308925	V2020-003 SHAFT KEYED
V22-50-122	M308686	V2020-001 SHAFT KEYED
V22-50-320	M308926	V2020-011 SHAFT SPLINED



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# VANE PRODUCT LISTING

## SEAL KITS

METARIS #	ALTERNATIVE #	DESCRIPTION
MPN002161	M433761	RETAINER KIT 20VQ
MPN002162	M433763	RETAINER KIT 25VQ
MPN002163	M433765	RETAINER KIT 35VQ
MPN002164	M433767	RETAINER KIT 45VQ
MPN002830	M922732	SEAL KIT V210
MPN005079	M154026	O-RING
N20-60-100	M395562	O-RING RETAINER 20VQ
N20-80-011	M497125	SEAL KIT 20V, SINGLE SHAFT SEAL
N20-80-021	M981322	SEAL KIT 20V-F3
N20-80-112	M497124	SEAL KIT 20VQ, DOUBLE SHAFT SEAL
N20-80-122	M451472	SEAL KIT 20VQ-F3
N20-87-040	M419672	RING SEAL 20V VQ
N20-88-122	M433762	SEAL PACK A. 20VQ
N2520-80-011	M922856	SEAL KIT 2520V, SINGLE SHAFT SEAL
N2520-80-021	M919303	SEAL KIT 2520V-F3
N2520-80-111	M920040	SEAL KIT 2520VQ, SINGLE SHAFT SEAL
N2520-80-112	M920041	SEAL KIT 2520VQ, DOUBLE SHAFT SEAL
N2520-80-121	M920042	SEAL KIT 2520VQ
N2520-80-122	M920043	SEAL KIT 2520VQ-F3
N25-60-100	M415731	RETAINER 25VQ
N25-80-011	M922850	SEAL KIT 25V, SINGLE SHAFT SEAL
N25-80-021	M919656	SEAL KIT 25V-F3
N25-80-111	M920021	SEAL KIT 25VQ, SINGLE SHAFT SEAL
N25-80-112	M920022	SEAL KIT 25VQ, DOUBLE SHAFT SEAL
N25-80-121	M920023	SEAL KIT 25VQ-F3
N25-80-122	M920024	SEAL KIT 25VQ-F3
N25-87-040	M419673	RING SEAL 25V VQ
N25-88-122	M433764	SEAL PACK A. 25VQ
N25-92-351	M190362	WASHER 25VQ



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N3520-80-011	M922859	SEAL KIT 3520V, SINGLE SHAFT SEAL
N3520-80-021	M919304	SEAL KIT 3520V-F3
N3520-80-111	M920048	SEAL KIT 3520VQ, SINGLE SHAFT SEAL
N3520-80-112	M920049	SEAL KIT 3520VQ, DOUBLE SHAFT SEAL
N3520-80-121	M920050	SEAL KIT 3520VQ-F3
N3520-80-122	M920051	SEAL KIT 3520VQ-F3
N3525-80-011	M922862	SEAL KIT 3525V, SINGLE SHAFT SEAL
N3525-80-021	M919305	SEAL KIT 3525V-F3
N3525-80-111	M920056	SEAL KIT 3525VQ, SINGLE SHAFT SEAL
N3525-80-112	M920057	SEAL KIT 3525VQ, DOUBLE SHAFT SEAL
N3525-80-121	M920058	SEAL KIT 3525VQ-F3
N3525-80-122	M920059	SEAL KIT 3525VQ-F3
N35-60-100	M412013	RETAINER 35VQ
N35-80-011	M922851	SEAL KIT 35V, SINGLE SHAFT SEAL
N35-80-021	M919262	SEAL KIT 35V-F3
N35-80-111	M920015	SEAL KIT 35VQ, SINGLE SHAFT SEAL
N35-80-112	M920016	SEAL KIT 35VQ, DOUBLE SHAFT SEAL
N35-80-121	M920029	SEAL KIT 35VQ-F3
N35-80-122	M920030	SEAL KIT 35VQ-F3
N35-87-040	M419674	RING SEAL 35V VQ
N35-88-122	M433766	SEAL PACK A. 35VQ
N35-92-471	M193220	WASHER 35VQ
N4520-80-011	M922863	SEAL KIT 4520V, SINGLE SHAFT SEAL
N4520-80-021	M919616	SEAL KIT 4520V-F3
N4520-80-111	M920060	SEAL KIT 4520VQ, SINGLE SHAFT SEAL
N4520-80-112	M920061	SEAL KIT 4520VQ, DOUBLE SHAFT SEAL
N4520-80-121	M920062	SEAL KIT 4520VQ-F3
N4520-80-122	M920063	SEAL KIT 4520VQ-F3
N4525-80-011	M922865	SEAL KIT 4525V, SINGLE SHAFT SEAL



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N4525-80-021	M919345	SEAL KIT 4525V-F3
N4525-80-111	M920068	SEAL KIT 4525VQ, SINGLE SHAFT SEAL
N4525-80-112	M920069	SEAL KIT 4525VQ, DOUBLE SHAFT SEAL
N4525-80-121	M920070	SEAL KIT 4525VQ-F3
N4525-80-122	M920071	SEAL KIT 4525VQ-F3
N4535-80-011	M922866	SEAL KIT 4535V, SINGLE SHAFT SEAL
N4535-80-021	M919346	SEAL KIT 4535V-F3
N4535-80-111	M920072	SEAL KIT 4535VQ, SINGLE SHAFT SEAL
N4535-80-112	M920073	SEAL KIT 4535VQ, DOUBLE SHAFT SEAL
N4535-80-121	M920074	SEAL KIT 4535VQ-F3
N4535-80-122	M920075	SEAL KIT 4535VQ-F3
N45-60-100	M415375	RETAINER 45VQ
N45-80-011	M919850	SEAL KIT 45V, SINGLE SHAFT SEAL
N45-80-021	M919632	SEAL KIT 45V-F3
N45-80-111	M920025	SEAL KIT 45VQ, SINGLE SHAFT SEAL
N45-80-112	M920026	SEAL KIT 45VQ, DOUBLE SHAFT SEAL
N45-80-121	M920027	SEAL KIT 45VQ-F3
N45-80-122	M920028	SEAL KIT 45VQ-F3
N45-87-040	M419675	RING SEAL 45V VQ
N45-88-122	M433768	SEAL PACK A. 45VQ
N45-92-561	M194878	WASHER 45VQ
V00-95-110	M239766	SPRING V10F, V20F, V2010F, V2020F
V00-95-221	M2280	SPRING -PRESS.-B C
V00-95-223	M2281	SPRING C.V. F TO K
V10-80-100	M923548	SEAL KIT V10
V20-80-110	M922733	SEAL KIT V20/F/P-11/12
V20-80-121	M02-137555	SEAL KIT V20F-22
V20-80-122	M02-137557	SEAL KIT V20FS-22
V20-80-210	M919805	SEAL KIT V20/F/P-11/12-F3



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
V20-80-221	M02-137556	SEAL KIT V20F-22-F3
V20-80-222	M02-137558	SEAL KIT V20FS-22-F3
V21-80-110	M923577	SEAL KIT (V2010)
V21-80-210	M919770	SEAL KIT V2020 VITON
V22-80-120	M923174	SEAL KIT (V2020)
V22-80-220	M919786	SEAL KIT V2010 VITON
V42-80-100	M922904	SEAL KIT VTM42
X05-01-53020	M109975	RETAINING RING
X05-02-18010	M98653	RETAINING RING
X05-02-28010	M119982	SNAPRING 35VQ
X05-03-55010	M191400	SPIROLOCK 25VQ
X05-03-75010	M193144	SPIROLOCK 35VQ
X05-03-85020	M158630	SPIRAL LOCK
X05-04-19020	M155023	SNAP RING V10 V20-11 DESIGN
X81-11-03104	M154022	O-RING
X81-11-03603	M199816	RETAINER O-RING 20VQ
X81-11-04404	M154178	O-RING
X81-11-04603	M416418	O-RING
X81-11-05003	M416417	RETAINER O-RING 35VQ
X81-11-06203	M586581	O-RING
X81-11-06303	M416416	RETAINER O-RING 45VQ
X81-11-06304	M154084	O-RING
X81-11-07304	M154087	O-RING
X81-11-07604	M154088	O-RING
X81-11-08204	M154090	O-RING V20
X81-11-08804	M154092	O-RING
X81-11-10804	M154098	O-RING
X81-11-11704	M154101	O-RING
X81-11-13604	M154107	O-RING



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
X81-15-01602	M154129	O-RING NITRILE 90 DURO
X81-22-03603	M199816V	RETAINER O-RING 20VQ-F3
X81-22-03804	M154026V	O-RING
X81-22-04404	M154078V	O-RING
X81-22-04603	M416418V	RETAINER O-RING 25VQ-F3
X81-22-05003	M416417V	RETAINER O-RING 35VQ-F3
X81-22-06303	M416416V	RETAINER O-RING 45VQ-F3
X81-22-06304	M154084V	O-RING VITON
X81-22-07304	M154087V	O-RING VITON
X81-22-08204	M154090V	O-RING, VITON - 75 DURO.
X81-22-09804	M586590	O-RING VITON
X81-22-11704	M154101V	O-RING VITON
X81-22-13604	M154107V	O-RING VITON
X83-31-02708	M229236	SEAL-PRIMARY V210
X83-32-01509	M388205	SEAL-PRIMARY V10-F3
X83-32-02008	M279499	SEAL-PRIMARY V20F3 (VITON)
X83-35-01509	M263585	SEAL-PRIMARY V10
X83-35-02008	M122558	SEAL-PRIMARY V20 BUNA 90 DURO
X84-32-04006	M429282	SEAL-SECONDARY 45VQ - VITON
X84-32-04010	M429285	SEAL-PRIMARY 45VQ-F3
X84-33-02808	M429286	SEAL-PRIMARY 25VQ-F3
X84-33-02905	M429283	SEAL-SECONDARY 25VQ
X84-33-03606	M429281	SEAL-SECONDARY 35VQ VITON
X84-33-03608	M429284	SEAL-PRIMARY 35VQ-F3
X84-35-02808	M394976-90	SEAL-PRIMARY 25VQ NITRILE
X84-35-03608	M394973	SEAL-PRIMARY 35VQ
X84-35-04010	M394974-70	SEAL-PRIMARY 45VQ NITRILE
X85-11-03903	M588506	B-U-RING
X85-11-04403	M588507	B-U-RING



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# VANE PRODUCT LISTING

## SEAL KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
X85-11-06303	M588508	B-U-RING
X85-11-07303	M141436	B-U-RING BUNA 20VQ 45VQ
X85-15-08903	M138895	B-U-RING 25VQ
X85-15-10503	M271810	B-U-RING 35VQ
X85-15-12403	M271818	B-U-RING 45VQ
X85-23-03903	M588506V	B-U-RING VITON (20 VQ )
X85-23-04403	M588507V	B-U-RING VITON (25VQ)
X85-23-06303	M588508V	B-U-RING VITON (35VQ)
X85-23-07303	M588509V	B-U-RING VITON 45VQ

## BEARINGS

METARIS #	ALTERNATIVE #	DESCRIPTION
X03-16-12552	M082938	BALL BEARING V2010/V2020
X03-15-12552	M232750	BALL BEARING (H.D)SHAFT- DOUBLE ROW
X03-10-12552	M001705	BALL BEARING (STD)SHAFT-25VQ
X03-16-11740	M148423	BALL BEARING SHAFT - V10, VTM42
X03-16-12047	M098574	BALL BEARING V20
X03-10-12047	M1704	BALL BEARING V20FS-22 (30VQ)
X03-10-11740	M001703	BALL BEARING -V210
X03-23-11419	M222440	BEARING
X03-10-13072	M038441	BEARING (DIR)SHAFT-35VQ
X03-10-13580	M131812	BEARING (STD)SHAFT-45VQ



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# VANE PRODUCT LISTING

## CAM RINGS

METARIS #	ALTERNATIVE #	DESCRIPTION
N20-71-105	M254846	CAM RING 20V05
N20-71-108	M250820	CAM RING 20V08
N20-71-111	M250819	CAM RING 20V11
N20-71-112	M256581	CAM RING 20V12
N20-71-114	M257953	CAM RING 20V14
N20-72-105	M333624	CAM RING 20VQ05
N20-72-108	M333625	CAM RING 20VQ08
N20-72-109	M374799	CAM RING 20VQ09
N20-72-111	M333626	CAM RING 20VQ11
N20-72-112	M353901	CAM RING 20VQ12
N20-72-114	M353902	CAM RING 20VQ14
N25-71-112	M584610	CAM RING 25V12
N25-71-114	M584612	CAM RING 25V14
N25-71-117	M584614	CAM RING 25V17
N25-71-121	M584616	CAM RING 25V21
N25-72-112	M326984	CAM RING 25VQ12
N25-72-114	M326985	CAM RING 25VQ14
N25-72-117	M326986	CAM RING 25VQ17
N25-72-119	M326987	CAM RING 25VQ19
N25-72-121	M326988	CAM RING 25VQ21
N30-72-124	M234470	CAM RING 30VQ24
N30-72-128	M224525	CAM RING 30VQ28
N35-71-125	M576210	CAM RING 35V25
N35-71-130	M576212	CAM RING 35V30
N35-71-135	M576214	CAM RING 35V35
N35-71-138	M575476	CAM RING 35V38
N35-72-121	M394961	CAM RING 35VQ21
N35-72-125	M319396	CAM RING 35VQ25
N35-72-130	M319397	CAM RING 35VQ30



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# VANE PRODUCT LISTING

## CAM RINGS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
N35-72-135	M319398	CAM RING 35VQ35
N35-72-138	M319399	CAM RING 35VQ38
N35-74-135		CAM RING 35VQH35-32
N35-74-138		CAM RING 35VQH38-32
N45-71-142	M581679	CAM RING 45V42
N45-71-145	M582570	CAM RING 45V45
N45-71-150	M581680	CAM RING 45V50
N45-71-160	M578904	CAM RING 45V60
N45-72-142	M297510	CAM RING 45VQ42
N45-72-147	M297718	CAM RING 45VQ47
N45-72-150	M297502	CAM RING 45VQ50
N45-72-157	M306772	CAM RING 45VQ57
N45-72-160	M297503	CAM RING 45VQ60
N45-73-150		CAM RING 45VQH
N45-74-150		CAM RING 45VQH50-32
N45-74-157		CAM RING 45VQH57-32
N45-74-160		CAM RING 45VQH60-32
V10-70-101	M317674	CAM RING V10-01
V10-70-102	M317675	CAM RING V10-02
V10-70-103	M317676	CAM RING V10-03
V10-70-104	M317677	CAM RING V10-04
V10-70-105	M317678	CAM RING V10-05
V10-70-106	M355641	CAM RING V10-06
V10-70-107	M331813	CAM RING V10-07
V20-70-105	M388284	CAM RING V20-05
V20-70-106	M328150	CAM RING V20-06
V20-70-107	M328152	CAM RING V20-07
V20-70-108	M331791	CAM RING V20-08
V20-70-109	M331789	CAM RING V20-09



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# VANE PRODUCT LISTING

## **CAM RINGS - CONTINUED**

<b>METARIS #</b>	<b>ALTERNATIVE #</b>	<b>DESCRIPTION</b>
V20-70-110	M374309	CAM RING V20-10
V20-70-111	M328156	CAM RING V20-11
V20-70-112	M331806	CAM RING V20-12
V20-70-113	M331807	CAM RING V20-13
V42-70-120	M296596	CAM RING VTM 2.0
V42-70-110		CAM RING VTM-10
V42-70-140		CAM RING VTM-40
V42-70-150		CAM RING VTM-50
V42-70-160	M296599	CAM RING VTM-60
V42-70-115		VTM - 1.5 CAM RING



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# VANE PRODUCT LISTING

## ROTORS & VANE KITS

METARIS #	ALTERNATIVE #	DESCRIPTION
N20-72-210	M402690	ROTOR 20VQ(S)
N20-72-220	M403539	ROTOR 20VQ(T)
N20-72-310	M922741	VANE KIT 20VQ(S)
N20-72-320	M922743	VANE KIT 20VQ(T)
N25-71-200	M584618	ROTOR 25V
N25-71-300	M941214	VANE KIT 25V
N25-72-200	M270597	ROTOR 25VQ
N25-72-300	M922710	VANE KIT 25VQ
N30-72-200	M262152	ROTOR 30VQ
N30-72-300	M922648	VANE KIT 30VQ
N35-71-200	M575478	ROTOR 35V
N35-71-300	M941019	VANE KIT 35V
N35-72-200	M262154	ROTOR 35VQ
N35-72-300	M922700	VANE KIT 35VQ
N45-71-200	M578900	ROTOR 45V
N45-71-300	M941049	VANE KIT 45V
N45-72-200	M283871	ROTOR 45VQ
N45-72-300	M922701	VANE KIT 45VQ
V10-70-201	M317681	ROTOR V10-01/02/03
V10-70-202	M351247	ROTOR V10-04/05
V10-70-203	M357286	ROTOR V10-06/07
V10-70-301	M923499	VANE KIT V10-01/02/03
V10-70-302	M923500	VANE KIT V10-04/05
V10-70-303	M923501	VANE KIT V10-06/07
V20-70-201	M502255	ROTOR V20-05/06
V20-70-202	M502256	ROTOR V20-07/08/09
V20-70-203	M502257	ROTOR V20-10/11
V20-70-204	M502258	ROTOR V20-12/13
V20-70-301	M923485	VANE KIT V20-05/06



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# VANE PRODUCT LISTING

## ROTORS & VANE KITS - CONTINUED

METARIS #	ALTERNATIVE #	DESCRIPTION
V20-70-302	M923493	VANE KIT V20-07/08/09
V20-70-303	M923478	VANE KIT V20-10/11
V20-70-304	M923479	VANE KIT V20-12/13
V20-70-404		ROTOR & VANE KIT V20 12-13 GPM
V21-70-201		ROTOR V2010-5/6
V21-70-202	M358335	ROTOR V2010-7/9
V21-70-203	M358336	ROTOR V2010-11
V21-70-204	M358337	ROTOR V2010-12/13
V42-65-070	M923839	RESERVOIR KIT 70 CU. IN
V42-65-115	M923840	RESERVOIR KIT

## FLEX PLATES

METARIS #	ALTERNATIVE #	DESCRIPTION
N20-72-500	M416423	FLEX PLATE 20VQ
N25-72-500	M415520	FLEX PLATE 25VQ 30VQ
N35-72-500	M413406	FLEX PLATE 35VQ
N45-72-500	M416444	FLEX PLATE 45VQ
N45-73-500	M426994	FLEX PLATE 45VQH-22
N20-72-510	M923955	FLEX PLATE KIT 20VQ
N25-72-510	M923956	FLEX PLATE KIT 25VQ 30VQ
N35-72-510	M923953	FLEX PLATE KIT 35VQ
N45-72-510	M923954	FLEX PLATE KIT 45VQ
N35-74-501		FLEX PLATE R.H. - 32 Design
N35-74-502		FLEX PLATE L.H. - 32 Design
N45-74-500		FLEX PLATE R.H. - 32 Design
N45-74-502		FLEX PLATE L.H. - 32 Design



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# VANE PRODUCT LISTING

## WARRANTY POLICY AND PROCEDURES

### WARRANTY

Metaris Inc. and Metaris Corp. hereinafter "Metaris", warrants all of its product to be free from defects in material and workmanship under normal operating conditions and proper application in accordance with the specifications for operation as described by the manufacturer for the period of twelve (12) months in service.

### LIMITATIONS ON WARRANTY

This warranty is expressly in lieu of any other warranties expressed or implied. Buyers sole and exclusive remedy under this Warranty shall be limited to the repair, replacement or exchange of warranted products at our option, F.O.B. our factory, or designated service center.

No special, incidental, consequential or other damage shall be recoverable. Metaris shall not be liable for consequential damages or contingent liabilities including, but not limited to, loss of life, personal injury, loss of crops, loss due to water or fire damage, loss of business income, down time costs and trade or other commercial loss arising out of failure of the product. Metaris will in no event be liable for any sum in excess of the price received by it for the product for which liability is claimed or asserted.

No products shall be returned without prior authorization from Metaris. Buyers and their Agents shall prepay all transportation charges for the return of such products to a Metaris location or designated service center. There will be no acceptance of any charges for labor and/or parts incidental to the removal or remounting of products repaired or replaced under Warranty.

The above Warranty does not cover conditions over which Metaris has no control, including, without limitation, contamination, pressure in excess of recommended maximum, products damaged or subject to accident abuse or misuse after shipment from our factory, products altered or repaired by anyone other than Metaris personnel, authorized Metaris factory personnel or persons so designated in writing by Metaris prior to commencement of said work.

A return goods authorization number must be obtained from Metaris or a Metaris authorized service center, or a Metaris authorized agent prior to any products being returned for Warranty.



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## METARIS BRAND REPLACEMENT PARTS

Our extensive inventory assures you of prompt shipping of pumps and parts anywhere in the world.

Our parts are 100% interchangeable with OEM products. We are committed to high quality, zero defects, and getting your orders out correctly and on time.

Whatever your application, Metaris has a high quality replacement product 100% backed by our commitment to service.

**WE WANT TO BE THE SUPPLIER FOR ALL YOUR VANE PRODUCT NEEDS.**



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