

GENUINE **METARIS**



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

VANE PRODUCT LISTING
EFFECTIVE: SEPTEMBER 10, 2007

VANE PRODUCT LISTING

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VANE PRODUCT LISTING

VANE PUMPS

SERIES
V10
V20
V10F/ NF
V20F/ NF
V10P
V20P
V2010
V2020
VTM42 (RESERVOIR AVAILABLE)
SEE BUILD CODE SHEET FOR AVAILABLE CONFIGURATIONS
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
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
25VQH - 12/14/17/19/21 GPM
35VQH - 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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VANE PRODUCT LISTING

CARTRIDGE KITS

METARIS #	ALTERNATIVE #	DESCRIPTION
MPN092072	M02-102518-L	CARTRIDGE 20V05 N-B-L
MPN092073	M02-102518	CARTRIDGE 20V05 N-B-R
MPN080340	M585471-L	CARTRIDGE 20V05 N-X-L
MPN000901	M585471	CARTRIDGE 20V05 N-X-R
MPN092063	M02-102523-L	CARTRIDGE 20V05 V-B-L
MPN092064	M02-102523	CARTRIDGE 20V05 V-B-R
MPN080339	M588574-L	CARTRIDGE 20V05 V-X-L
MPN000902	M102513	CARTRIDGE 20V05 V-X-R
MPN092070	M02-102519-L	CARTRIDGE 20V08 N-B-L
MPN092071	M02-102519	CARTRIDGE 20V08 N-B-R
MPN080338	M585473-L	CARTRIDGE 20V08 N-X-L
MPN000903	M585473	CARTRIDGE 20V08 N-X-R
MPN092061	M02-102524-L	CARTRIDGE 20V08 V-B-L
MPN092062	M02-102524	CARTRIDGE 20V08 V-B-R
MPN080337	M588575-L	CARTRIDGE 20V08 V-X-L
MPN000904	M588575	CARTRIDGE 20V08 V-X-R
MPN092068	M02-102520-L	CARTRIDGE 20V11 N-B-L
MPN092069	M02-102520	CARTRIDGE 20V11 N-B-R
MPN080336	M585475-L	CARTRIDGE 20V11 N-X-L
MPN000905	M585475	CARTRIDGE 20V11 N-X-R
MPN092059	M02-102525-L	CARTRIDGE 20V11 V-B-L
MPN092060	M02-102525	CARTRIDGE 20V11 V-B-R
MPN080341	M588576-L	CARTRIDGE 20V11 V-X-L
MPN000906	M588576	CARTRIDGE 20V11 V-X-R
MPN092067	M02-102521	CARTRIDGE 20V12 N-B-R
MPN080335	M585476-L	CARTRIDGE 20V12 N-X-L
MPN000907	M585476	CARTRIDGE 20V12 N-X-R
MPN092057	M02-102526-L	CARTRIDGE 20V12 V-B-L
MPN092058	M02-102526	CARTRIDGE 20V12 V-B-R
MPN080334	M588577-L	CARTRIDGE 20V12 V-X-L
MPN000908	M588577	CARTRIDGE 20V12 V-X-R
MPN092065	M02-102522-L	CARTRIDGE 20V14 N-B-L
MPN092066	M02-102522	CARTRIDGE 20V14 N-B-R
MPN080333	M585477-L	CARTRIDGE 20V14 N-X-L
MPN000909	M585477	CARTRIDGE 20V14 N-X-R
MPN000909	M102511	CARTRIDGE 20V14 N-X-R
MPN092055	M02-102527-L	CARTRIDGE 20V14 V-B-L
MPN092056	M02-102527	CARTRIDGE 20V14 V-B-R
MPN080332	M588578-L	CARTRIDGE 20V14 V-X-L
MPN000910	M588578	CARTRIDGE 20V14 V-X-R
MPN092097	M497115-L	CARTRIDGE 20VQ05 N-B-L
MPN092096	M497115	CARTRIDGE 20VQ05 N-B-R
MPN000201	M417053-L	CARTRIDGE 20VQ05 N-X-L
MPN000101	M417053	CARTRIDGE 20VQ05 N-X-R
MPN090458	M574918	CARTRIDGE 20VQ05 TRP
MPN092084	M451564-L	CARTRIDGE 20VQ05 V-B-L
MPN092085	M451564	CARTRIDGE 20VQ05 V-B-R

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VANE PRODUCT LISTING

CARTRIDGE KITS - *cont'd.*

METARIS #	ALTERNATIVE #	DESCRIPTION
MPN000202	M421588-L	CARTRIDGE 20VQ05 V-X-L
MPN000102	M421588	CARTRIDGE 20VQ05 V-X-R
MPN092095	M497118-L	CARTRIDGE 20VQ08 N-B-L
MPN092094	M497118	CARTRIDGE 20VQ08 N-B-R
MPN000203	M417054-L	CARTRIDGE 20VQ08 N-X-L
MPN000103	M417054	CARTRIDGE 20VQ08 N-X-R
MPN090457	M574920	CARTRIDGE 20VQ08 TRP
MPN092082	M451466-L	CARTRIDGE 20VQ08 V-B-L
MPN092083	M451466	CARTRIDGE 20VQ08 V-B-R
MPN000204	M421589-L	CARTRIDGE 20VQ08 V-X-L
MPN000104	M421589	CARTRIDGE 20VQ08 V-X-R
MPN000205	M423096-L	CARTRIDGE 20VQ09 N-X-L
MPN000105	M423096	CARTRIDGE 20VQ09 N-X-R
MPN090456	M574921	CARTRIDGE 20VQ09 TRP
MPN000206	M423097-L	CARTRIDGE 20VQ09 V-X-L
MPN000106	M423097	CARTRIDGE 20VQ09 V-X-R
MPN092091	M497120-L	CARTRIDGE 20VQ11 N-B-L
MPN092090	M497120	CARTRIDGE 20VQ11 N-B-R
MPN000207	M416427-L	CARTRIDGE 20VQ11 N-X-L
MPN000107	M416427	CARTRIDGE 20VQ11 N-X-R
MPN090455	M574922	CARTRIDGE 20VQ11 TRP
MPN092079	M451468	CARTRIDGE 20VQ11 V-B-R
MPN000208	M421590-L	CARTRIDGE 20VQ11 V-X-L
MPN000108	M421590	CARTRIDGE 20VQ11 V-X-R
MPN092088	M497121-L	CARTRIDGE 20VQ12 N-B-L
MPN092089	M497121	CARTRIDGE 20VQ12 N-B-R
MPN000209	M416428-L	CARTRIDGE 20VQ12 N-X-L
MPN000109	M416428	CARTRIDGE 20VQ12 N-X-R
MPN090454	M574923	CARTRIDGE 20VQ12 TRP
MPN092077	M451469-L	CARTRIDGE 20VQ12 V-B-L
MPN092076	M451469	CARTRIDGE 20VQ12 V-B-R
MPN000210	M421591-L	CARTRIDGE 20VQ12 V-X-L
MPN000110	M421591	CARTRIDGE 20VQ12 V-X-R
MPN092087	M497122-L	CARTRIDGE 20VQ14 N-B-L
MPN092086	M497122	CARTRIDGE 20VQ14 N-B-R
MPN000211	M416429-L	CARTRIDGE 20VQ14 N-X-L
MPN000111	M416429	CARTRIDGE 20VQ14 N-X-R
MPN090453	M574924	CARTRIDGE 20VQ14 TRP
MPN092074	M451470-L	CARTRIDGE 20VQ14 V-B-L
MPN092075	M451470	CARTRIDGE 20VQ14 V-B-R
MPN000212	M421592-L	CARTRIDGE 20VQ14 V-X-L
MPN000112	M421592	CARTRIDGE 20VQ14 V-X-R
MPN000911	M591002	CARTRIDGE 25V12 N-B-R
MPN000913	M591091	CARTRIDGE 25V12 N-X-R
MPN000912	M591095	CARTRIDGE 25V12 V-B-R
MPN000914	M02-102544	CARTRIDGE 25V12 V-X-R
MPN000915	M591003	CARTRIDGE 25V14 N-B-R

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CARTRIDGE KITS - *cont'd.*

METARIS #	ALTERNATIVE #	DESCRIPTION
MPN000917	M591092	CARTRIDGE 25V14 N-X-R
MPN000916	M102541	CARTRIDGE 25V14 V-B-R
MPN000918	M102545	CARTRIDGE 25V14 V-X-R
MPN000919	M102534	CARTRIDGE 25V17 N-B-R
MPN000921	M102538	CARTRIDGE 25V17 N-X-R
MPN000920	M102542	CARTRIDGE 25V17 V-B-R
MPN000922	M102546	CARTRIDGE 25V17 V-X-R
MPN000923	M102535	CARTRIDGE 25V21 N-B-R
MPN000925	M102539	CARTRIDGE 25V21 N-X-R
MPN000924	M102543	CARTRIDGE 25V21 V-B-R
MPN000926	M102547	CARTRIDGE 25V21 V-X-R
MPN000213	M416439-L	CARTRIDGE 25VQ12 N-B-L
MPN000113	M416439	CARTRIDGE 25VQ12 N-B-R
MPN100674	M421244-L	CARTRIDGE 25VQ12 N-X-L
MPN100673	M421244-R	CARTRIDGE 25VQ12 N-X-R
MPN090463	M581851	CARTRIDGE 25VQ12 TRP
MPN000214	M421570-L	CARTRIDGE 25VQ12 V-B-L
MPN000114	M421570	CARTRIDGE 25VQ12 V-B-R
MPN090090	M421576	CARTRIDGE 25VQ12 V-X-L
MPN000215	M416440-L	CARTRIDGE 25VQ14 N-B-L
MPN000115	M416440	CARTRIDGE 25VQ14 N-B-R
MPN000217	M421235-L	CARTRIDGE 25VQ14 N-X-L
MPN000117	M421235	CARTRIDGE 25VQ14 N-X-R
MPN090462	M581852	CARTRIDGE 25VQ14 TRP
MPN000216	M421571-L	CARTRIDGE 25VQ14 V-B-L
MPN000116	M421571	CARTRIDGE 25VQ14 V-B-R
MPN000218	M421577-L	CARTRIDGE 25VQ14 V-X-L
MPN000118	M421577	CARTRIDGE 25VQ14 V-X-R
MPN000951	M578174	CARTRIDGE 25VQ16 V-B-R
MPN000219	M416441-L	CARTRIDGE 25VQ17 N-B-L
MPN000119	M416441	CARTRIDGE 25VQ17 N-B-R
MPN000221	M421236-L	CARTRIDGE 25VQ17 N-X-L
MPN000121	M421236	CARTRIDGE 25VQ17 N-X-R
MPN090461	M581853	CARTRIDGE 25VQ17 TRP
MPN000220	M421572-L	CARTRIDGE 25VQ17 V-B-L
MPN000120	M421572	CARTRIDGE 25VQ17 V-B-R
MPN000222	M421578-L	CARTRIDGE 25VQ17 V-X-L
MPN000122	M421578	CARTRIDGE 25VQ17 V-X-R
MPN000223	M421232-L	CARTRIDGE 25VQ19 N-B-L
MPN000123	M421232	CARTRIDGE 25VQ19 N-B-R
MPN000225	M421237-L	CARTRIDGE 25VQ19 N-X-L
MPN000125	M421237	CARTRIDGE 25VQ19 N-X-R
MPN090460	M581854	CARTRIDGE 25VQ19 TRP
MPN000224	M421573-L	CARTRIDGE 25VQ19 V-B-L
MPN000124	M421573	CARTRIDGE 25VQ19 V-B-R
MPN000226	M421579-L	CARTRIDGE 25VQ19 V-X-L
MPN000126	M421579	CARTRIDGE 25VQ19 V-X-R

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CARTRIDGE KITS - *cont'd.*

METARIS #	ALTERNATIVE #	DESCRIPTION
MPN000227	M416442-L	CARTRIDGE 25VQ21 N-B-L
MPN000127	M416442	CARTRIDGE 25VQ21 N-B-R
MPN000229	M421238-L	CARTRIDGE 25VQ21 N-X-L
MPN000129	M421238	CARTRIDGE 25VQ21 N-X-R
MPN090459	M581855	CARTRIDGE 25VQ21 TRP
MPN090756	M581855-L	CARTRIDGE 25VQ21 TRP-L
MPN000228	M421574-L	CARTRIDGE 25VQ21 V-B-L
MPN000128	M421574	CARTRIDGE 25VQ21 V-B-R
MPN000230	M421580-L	CARTRIDGE 25VQ21 V-X-L
MPN000130	M421580	CARTRIDGE 25VQ21 V-X-R
MPN000231	M417052-L	CARTRIDGE 30VQ24 N-B-L
MPN000131	M417052	CARTRIDGE 30VQ24 N-B-R
MPN000232	M421645-L	CARTRIDGE 30VQ24 V-B-L
MPN000132	M421645	CARTRIDGE 30VQ24 V-B-R
MPN000233	M416452-L	CARTRIDGE 30VQ28 N-B-L
MPN000133	M416452	CARTRIDGE 30VQ28 N-B-R
MPN000161	M30VQ28-F3	CARTRIDGE 30VQ28 V-B-R
MPN000956	M102551	CARTRIDGE 35V21 V-B-R
MPN105014	M102552-L	CARTRIDGE 35V25 N-B-L
MPN000927	M102552	CARTRIDGE 35V25 N-B-R
MPN000929	M102556	CARTRIDGE 35V25 N-X-R
MPN000928	M102560	CARTRIDGE 35V25 V-B-R
MPN000930	M102564	CARTRIDGE 35V25 V-X-R
MPN000931	M102553	CARTRIDGE 35V30 N-B-R
MPN000933	M102557	CARTRIDGE 35V30 N-X-R
MPN000932	M102561	CARTRIDGE 35V30 V-B-R
MPN000934	M102565	CARTRIDGE 35V30 V-X-R
MPN000935	M102554	CARTRIDGE 35V35 N-B-R
MPN000937	M582350	CARTRIDGE 35V35 N-X-R
MPN000936	M102562	CARTRIDGE 35V35 V-B-R
MPN000938	M102566	CARTRIDGE 35V35 V-X-R
MPN000939	M578314	CARTRIDGE 35V38 N-B-R
MPN000941	M102559	CARTRIDGE 35V38 N-X-R
MPN000940	M102563	CARTRIDGE 35V38 V-B-R
MPN000942	M102567	CARTRIDGE 35V38 V-X-R
MPN000234	M413420-L	CARTRIDGE 35VQ21 N-B-L
MPN000134	M413420	CARTRIDGE 35VQ21 N-B-R
MPN090464	M583338	CARTRIDGE 35VQ21 TRP
MPN000263	M421582-L	CARTRIDGE 35VQ21 V-B-L
MPN000163	M421582	CARTRIDGE 35VQ21 V-B-R
MPN090089	M421563	CARTRIDGE 35VQ21 V-X-L
MPN000235	M413421-L	CARTRIDGE 35VQ25 N-B-L
MPN000135	M413421	CARTRIDGE 35VQ25 N-B-R
MPN000237	M421240-L	CARTRIDGE 35VQ25 N-X-L
MPN000137	M421240	CARTRIDGE 35VQ25 N-X-R
MPN090465	M583339	CARTRIDGE 35VQ25 TRP
MPN000236	M421583-L	CARTRIDGE 35VQ25 V-B-L

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CARTRIDGE KITS - *cont'd.*

METARIS #	ALTERNATIVE #	DESCRIPTION
MPN000136	M421583	CARTRIDGE 35VQ25 V-B-R
MPN000238	M421564-L	CARTRIDGE 35VQ25 V-X-L
MPN000138	M421564	CARTRIDGE 35VQ25 V-X-R
MPN000239	M413422-L	CARTRIDGE 35VQ30 N-B-L
MPN000139	M413422	CARTRIDGE 35VQ30 N-B-R
MPN000241	M421241-L	CARTRIDGE 35VQ30 N-X-L
MPN000141	M421241	CARTRIDGE 35VQ30 N-X-R
MPN090466	M583340	CARTRIDGE 35VQ30 TRP
MPN099043	M583340-L	CARTRIDGE 35VQ30 TRP-L
MPN000240	M421584-L	CARTRIDGE 35VQ30 V-B-L
MPN000140	M421584	CARTRIDGE 35VQ30 V-B-R
MPN000242	M421565-L	CARTRIDGE 35VQ30 V-X-L
MPN000142	M421565	CARTRIDGE 35VQ30 V-X-R
MPN000243	M413418-L	CARTRIDGE 35VQ35 N-B-L
MPN000143	M413418	CARTRIDGE 35VQ35 N-B-R
MPN000245	M421242-L	CARTRIDGE 35VQ35 N-X-L
MPN000145	M421242	CARTRIDGE 35VQ35 N-X-R
MPN090467	M383341	CARTRIDGE 35VQ35 TRP
MPN090467	M383341-L	CARTRIDGE 35VQ35 TRP-L
MPN000244	M421585-L	CARTRIDGE 35VQ35 V-B-L
MPN000144	M421585	CARTRIDGE 35VQ35 V-B-R
MPN000246	M421566-L	CARTRIDGE 35VQ35 V-X-L
MPN000146	M421566	CARTRIDGE 35VQ35 V-X-R
MPN000247	M413419-L	CARTRIDGE 35VQ38 N-B-L
MPN000147	M413419	CARTRIDGE 35VQ38 N-B-R
MPN000249	M421243-L	CARTRIDGE 35VQ38 N-X-L
MPN000149	M421243	CARTRIDGE 35VQ38 N-X-R
MPN090468	M583342	CARTRIDGE 35VQ38 TRP
MPN000248	M421586-L	CARTRIDGE 35VQ38 V-B-L
MPN000148	M421586	CARTRIDGE 35VQ38 V-B-R
MPN000250	M421567-L	CARTRIDGE 35VQ38 V-X-L
MPN000150	M421567	CARTRIDGE 35VQ38 V-X-R
MPN000945	M102572	CARTRIDGE 45V42 N-B-R
MPN000946	M102576	CARTRIDGE 45V42 V-B-R
MPN000943	M582572	CARTRIDGE 45V45 N-B-R
MPN000944	M586331	CARTRIDGE 45V45 V-B-R
MPN000947	M581664	CARTRIDGE 45V50 N-B-R
MPN000948	M102577	CARTRIDGE 45V50 V-B-R
MPN000949	M102575	CARTRIDGE 45V60 N-B-R
MPN080384	M102578-L	CARTRIDGE 45V60 V-B-L
MPN000950	M102578	CARTRIDGE 45V60 V-B-R
MPN000251	M416435-L	CARTRIDGE 45VQ42 N-B-L
MPN000151	M416435	CARTRIDGE 45VQ42 N-B-R
MPN000252	M419511-L	CARTRIDGE 45VQ42 V-B-L
MPN000152	M419511	CARTRIDGE 45VQ42 V-B-R
MPN000253	M421234-L	CARTRIDGE 45VQ47 N-B-L
MPN000153	M421234	CARTRIDGE 45VQ47 N-B-R

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VANE PRODUCT LISTING

CARTRIDGE KITS - *cont'd.*

METARIS #	ALTERNATIVE #	DESCRIPTION
MPN000254	M922804-L	CARTRIDGE 45VQ47 V-B-L
MPN000154	M421954	CARTRIDGE 45VQ47 V-B-R
MPN000255	M416436-L	CARTRIDGE 45VQ50 N-B-L
MPN000155	M416436	CARTRIDGE 45VQ50 N-B-R
MPN000256	M419510-L	CARTRIDGE 45VQ50 V-B-L
MPN000156	M419510	CARTRIDGE 45VQ50 V-B-R
MPN000257	M421233-L	CARTRIDGE 45VQ57 N-B-L
MPN000157	M421233	CARTRIDGE 45VQ57 N-B-R
MPN000258	M421955-L	CARTRIDGE 45VQ57 V-B-L
MPN000158	M421955	CARTRIDGE 45VQ57 V-B-R
MPN000259	M416437-L	CARTRIDGE 45VQ60 N-B-L
MPN000159	M416437	CARTRIDGE 45VQ60 N-B-R
MPN000260	M419509-L	CARTRIDGE 45VQ60 V-B-L
MPN000160	M419509	CARTRIDGE 45VQ60 V-B-R
MPN001008	M923471	CARTRIDGE V10-01
MPN001009	M923470	CARTRIDGE V10-02
MPN001010	M923496	CARTRIDGE V10-03
MPN001011	M923469	CARTRIDGE V10-04
MPN001012	M923468	CARTRIDGE V10-05
MPN001013	M923497	CARTRIDGE V10-06
MPN001014	M923498	CARTRIDGE V10-07
MPN001031	M923480	CARTRIDGE V20-06F3
MPN001032	M923481	CARTRIDGE V20-07F3
MPN001033	M923483	CARTRIDGE V20-08F3
MPN001034	M923484	CARTRIDGE V20-09F3
MPN091117	M02-141746	CARTRIDGE V2010/V2020-6GPM
MPN080390	M923494	CARTRIDGE V2010/V2020-7GPM
MPN090419	M923495	CARTRIDGE V2010/V2020-8GPM
MPN090418	M923462	CARTRIDGE V2010/V2020-9GPM
MPN003007	M137575	CARTRIDGE V20-10F3
MPN080391	M923475	CARTRIDGE V2010V2020-11GPM
MPN080392	M923476	CARTRIDGE V2010V2020-12GPM
MPN090517	M923477	CARTRIDGE V2010V2020-13GPM
MPN091118	M02-141745	CARTRIDGE V2010V2020-5GPM
MPN001036	M923482	CARTRIDGE V20-11F3
MPN001037	M923486	CARTRIDGE V20-12F3
MPN001038	M923487	CARTRIDGE V20-13F3
MPN091324	M923087	VTM CARTRIDGE 1.0 GPM
MPN091323	M923088	VTM CARTRIDGE 1.5 GPM
MPN091325	M923089	VTM CARTRIDGE 2.0 GPM
MPN091326	M923090	VTM CARTRIDGE 4.0 GPM
MPN090828	M923091	VTM CARTRIDGE 5.0 GPM
MPN090307	M923092	VTM CARTRIDGE 6.0 GPM

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VANE PRODUCT LISTING

CARTRIDGE KITS - *cont'd.*

METARIS #	ALTERNATIVE #	DESCRIPTION
High Pressure Cartridge Kits		
MPN000182		CARTRIDGE 25VQH17-R-22
MPN000181		CARTRIDGE 35VQH30-R-22
MPN098887		CARTRIDGE 35VQH35-R-32-F3
MPN098738		CARTRIDGE 35VQH35-R-22
MPN090325		CARTRIDGE 45VQH42-R-22
MPN000952	M588637	CARTRIDGE 45VQH50-R-22
MPN092788		CARTRIDGE 45VQH50-R-32
MPN000265	M582355	CARTRIDGE 45VQH50-R-F3
MPN000165	M582355-L	CARTRIDGE 45VQH50-L-F3
MPN090078	M478047-L	CARTRIDGE 45VQH57-L-22
MPN093900		CARTRIDGE 45VQH57-L-32
MPN400331		CARTRIDGE 45VQH60-L-32
MPN000167	M591425	CARTRIDGE 45VQH60-R-22
MPN098879		CARTRIDGE KIT 25VQH12-R-22
MPN098881		CARTRIDGE KIT 25VQH14-R-22
MPN098878		CARTRIDGE KIT 25VQH19-R-22
MPN098880		CARTRIDGE KIT 25VQH21-R-22
MPN098857		CARTRIDGE KIT 35VQH38-R-22

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VANE PRODUCT LISTING

SHAFTS

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN090658	M497109	20VQ-001 SHAFT KEYED S/A
MPN000627	M254964	2520VQ-001 SHAFT KEYED S/A
MPN000632	M309130	2520VQ-005 SHAFT TAPERED S/A
MPN000630	M413433	2520VQ-011/123 SHAFT SPLINED S/A
MPN000629	M293360	2520VQ-025 SHAFT SPLINE XLONG S/A
MPN000631	M419083	2520VQ-086 SHAFT
MPN090385	M576247	2520VQ-145 SHAFT SPLINE CATAP. ONLY
MPN099854	M574831	2520VQV10-171 SHAFTSPLINED CAT
MPN080258	M913330	2520VQV10-297 SHAFT SPLINED S/A
MPN095208	M944154	2520VQV10-298 SHAFT SPLINED S/A
MPN000600	M238755	25VQ-001 SHAFT KEYED S/A
MPN000601	M242747	25VQ-003 SHAFT KEYED S/A
MPN000604	M242784	25VQ-005 SHAFT TAPERED SPCL
MPN000602	M238929	25VQ-011 SHAFT SPLINED S/A
MPN000605	M270187	25VQ-025 SHAFT SPLINED S/A SPCL
MPN000603	M478826	25VQ-086 SHAFT KEYED HEAVYDUTY S/A
MPN071886	M402105	25VQ-105 SHAFT SPLINED S/A SPCL
MPN071953	M413018	25VQ-109 SHAFT SPLINED S/A SPCL
MPN090974	M585311	25VQ-112 SHAFT SPLINED S/A SPCL
MPN000606	M424457	25VQ-127 SHAFT SPLINED S/A SPCL
MPN090969	M402104	26VQ-104 SHAFT SPLINED S/A SPCL
MPN090972	M424086	26VQ-132 SHAFT TAPERED SPCL
MPN090973	M578154	26VQ-149 SHAFT TAPERED SPCL
MPN000633	M258249	3520VQ-001 SHAFT KEYED S/A
MPN000634	M258250	3520VQ-011 SHAFT SPLINED S/A
MPN000635	M413022	3520VQ-019 SHAFT SPLINE S/A XL SPCL
MPN000636	M394517	3520VQ-086 SHAFT KEYED HEAVYDUTY
MPN000637	M413434	3520VQ-114 SHAFT SPLINED S/A
MPN090971	M584371	3520VQ-160 SHAFT
MPN099532	M913608	3520VQV10-297 SHAFT SPLINED S/A
MPN000642	M243448	3525VQ-001 SHAFT
MPN000643	M243449	3525VQ-011 SHAFT SPLINED
MPN000644	M247019	3525VQ-019 SHAFT XLONG
MPN000646	M285417	3525VQ-033/111 SHAFT SPLINED SPCL
MPN000645	M394036	3525VQ-086 SHAFT KEYED
MPN090970	M413435	3525VQ-123 SHAFT SPLINED
MPN090080	M432632	3525VQ-142 SHAFT SPLINED SPCL
MPN400188	M913757	3525VQT-297 SHAFT SPLINE THRU DRIVE
MPN080343	M581334	3525VQV10-297 SHAFT SPLINED
MPN000611	M233624	35VQ-001 SHAFT KEYED S/A
MPN000610	M247803	35VQ-004 SHAFT SPLINED S/A SPCL
MPN000612	M242287	35VQ-011 SHAFT SPLINED S/A
MPN000613	M275270	35VQ-019 SHAFT SPLINED S/A XLONG
MPN000614	M392669	35VQ-086 SHAFT KEYED HEAVYDUTY
MPN000615	M417331	35VQ-127 SHAFT SPLINED S/A SPCL
MPN071956	M255059	35VQ-129 SHAFT TAPERED SPCL
MPN080081	M634895	35VQ-173 SHAFT SPLINED S/A SPCL

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VANE PRODUCT LISTING

SHAFTS - *cont'd.*

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN071727	M313317	36VQ-064 SHAFT SPLINED S/A SPCL
MPN000655	M255533	4520VQ-001 SHAFT KEYED S/A
MPN000656	M255536	4520VQ-011 SHAFT SPLINED S/A
MPN000657	M361761	4520VQ-086 SHAFT KEYED HEAVYDUTY
MPN000658	M413436	4520VQ-114 SHAFT SPLINED S/A
MPN071949	M413437	4520VQ-115 SHAFT SPLINED S/A SPCL
MPN000694	M432703	4525V-130 SHAFT SPLINED S/A
MPN000661	M233524	4525VQ-001 SHAFT KEYED S/A
MPN000662	M233527	4525VQ-011 SHAFT SPLINED S/A
MPN000664	M361762	4525VQ-086 SHAFT KEYED HEAVYDUTY
MPN000665	M247102	4525VQ-114 SHAFT SPLINED S/A
MPN000693	M413025	4525VQ-115 SHAFT SPLINED S/A
MPN091555	M913576	4525VQT-297 SHFT SPLINED THRU-DRIVE
MPN000677	M289083	4535VQ-001 SHAFT KEYED S/A
MPN000678	M289084	4535VQ-011 SHAFT SPLINED S/A
MPN000670	M361763	4535VQ-086 SHAFT KEYED HEAVYDUTY
MPN000669	M280940	4535VQ-114/019 SHAFT SPLINED XL S/A
MPN000675	M413438	4535VQ-125 SHAFT SPLINED S/A
MPN091466	M860607	4535VQ-219 SHAFT
MPN000672	M883215	4535VQHV10-421 SHFT SPLND THRU-DR
MPN080344	M572821	4535VQV10-297 SHAFT SPLINED COARSE
MPN071950	M413430	45V/VQ-120 SHAFT SPLINED S/A SPCL
MPN000621	M233369	45VQ-001 SHAFT KEYED STRAIGHT K S/A
MPN000622	M233370	45VQ-004 SHAFT SPLINED S/A
MPN000623	M242885	45VQ-011 SHAFT SPLINED S/A
MPN000624	M265575	45VQ-019 SHAFT SPLINED XLONG S/A
MPN071519	M252893	45VQ-026 SHAFT SPLINED S/A CAT ONLY
MPN000625	M361760	45VQ-086 SHAFT KEYED HEAVYDUTY S/A
MPN000616	M413020	45VQ-111 SHAFT SPLINED S/A SPCL
MPN000626	M422541	45VQ-130 SHAFT SPLINED S/A
MPN071955	M416581	SHAFT
MPN099125	M143-9721	SHAFT 4525VQHV20 #414 - 32
MPN071522	M263780	SHAFT SPLINED S/A SPCL
MPN071525	M254464	SHAFT SPLINED S/A SPCL
MPN071610	M287333	SHAFT SPLINED S/A SPCL
MPN000590	M374338	V10-001 SHAFT KEYED STRAIGHT
MPN000594	M374340	V10-003 SHAFT KEYED THREADED
MPN003094	M378959	V10-004 SHAFT KEY .750DIA, 1.651EXT
MPN000595	M382250	V10-006 SHAFT KEYED STRAIGHT
MPN000591	M374339	V10-011 SHAFT SPLINED
MPN000592	M375480	V10-012 SHAFT SPLINED
MPN003095	M380281	V10-027 SHAFT TANG
MPN003096	M375485	V10-034 SHAFT KEYED THREADED
MPN000593	M387481	V10-038 SHAFT SPLINED
MPN000673	M280372	V20-001 SHAFT KEYED
MPN000674	M280504	V20-003 SHAFT THR. KEYED, 10-13 GPM
MPN071732	M297330	V20-006 SHAFT KEYED

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VANE PRODUCT LISTING

SHAFTS - *cont'd.*

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN000686	M324043	V20-010 SHAFT KEYED, 10-13 GPM
MPN000676	M280515	V20-011 SHAFT SPLINE, 10-13 GPM
MPN000683	M294922	V20-015 SHAFT SPLINED
MPN003097	M307817	V20-018 SHAFT SPLINED
MPN000684	M328096	V20-038/138 SHAFT SPLINED
MPN003098	M582610	V20-062 SHAFT SPLINED
MPN000689	M308686	V2020-001 SHAFT KEYED
MPN000680	M308925	V2020-003 SHAFT KEYED
MPN000681	M308926	V2020-011 SHAFT SPLINED
MPN000685	M116644	V210-001 SHAFT KEYED
MPN000688	M120037	V210-003 SHAFT KEYED
MPN000690	M131420	V210-006 SHAFT

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VANE PRODUCT LISTING

HOUSING

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN090282	M572822	20V10 REAR COVER
MPN090616	M257560	20VQ FLOW CONTROL COVER
MPN090627	M02-102335	20VQ HOUSING FRONT
MPN007001	M942353	25VQ HOUSING FRONT
MPN037527	M942353	25VQ HOUSING FRONT, BLANK
MPN007002	M942378	25VQ HOUSING FRONT, SPECIAL
MPN090978	M432687	25VQ HOUSING FRONT, SPECIAL
MPN037525	M432688	25VQ HSG WTH 35VQ PILOT & MTG BOLTS
MPN100263	M231532	25VQBD REAR HOUSING
MPN003110	M578156	26VQ HOUSING FRONT, SPECIAL
MPN003111	M577370	26VQ HOUSING FRONT, SPECIAL
MPN037523	M248258	26VQ HOUSING FRONT, SPECIAL
MPN007005	M942354	30VQ HOUSING FRONT
MPN045028	M224526	30VQ REAR HOUSING
MPN100262	M230189	3525VQBD CENTER HOUSING
MPN007003	M942355	35VQ HOUSING FRONT
MPN095282	M234248	35VQB HOUSING REAR
MPN095283	M270679	35VQB HOUSING REAR
MPN100264	M270679	35VQBD REAR HOUSING
MPN093447	M924005	35VQD HOUSING FRONT
MPN095375	M9T5338	4525 INLET BODY(w/Large Dowel Pins)
MPN100261	M233699	4525VQBD CENTER HOUSING
MPN092888	M233699	4525VQD CENTER HOUSING
MPN095281	M379585	4535VQB HOUSING CENTER
MPN100258	M379585	4535VQBD CENTER HOUSING
MPN007004	M942356	45VQ HOUSING FRONT
MPN092870	M942356	45VQB HOUSING FRONT, BLANK
MPN095284	M229633	45VQB HOUSING REAR
MPN100265	M229633	45VQBD REAR HOUSING
MPN093444	M924018	45VQD HOUSING FRONT
MPN002824	M913259	HOUSING - 25VQTV20, 4 BOLT FLANGE
MPN007101	M251263	HOUSING CENTER - 2520VQ
MPN007102	M250818	HOUSING CENTER - 3520VQ
MPN007103	M230189	HOUSING CENTER - 3525VQ
MPN007107	M577016	HOUSING CENTER - 3525VQ(231)
MPN007104	M252283	HOUSING CENTER - 4520VQ
MPN007105	M233699	HOUSING CENTER - 4525VQ
MPN007106	M379585	HOUSING CENTER - 4535VQ
MPN007054	M250824	HOUSING REAR - 20VQ
MPN080118	M257562	HOUSING REAR - 20VQF (TANDEM) 6GPM
MPN007055	M252504	HOUSING REAR - 2520 (SPEC.)
MPN007051	M224309	HOUSING REAR - 25VQ
MPN007056	M231532	HOUSING REAR - 25VQ
MPN003113	M429119	HOUSING REAR - 26VQ (SPEC.)
MPN093445	M270679	HOUSING REAR - 35 VQD
MPN007052	M234248	HOUSING REAR - 35VQ
MPN007058	M270679	HOUSING REAR - 35VQ

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VANE PRODUCT LISTING

HOUSING - cont'd.

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN007053	M229633	HOUSING REAR - 45VQ
MPN003109	M372852	HOUSING REAR - V10F - T - 3GPM
MPN093446	M572817	REAR COVER - 35V10D
MPN007132	M581863	REAR COVER 25V10, PIGGYBACK
MPN003114	M572817	REAR COVER 35V10
MPN001040	M372863	REAR COVER V10-CODE P
MPN003074	M372865	REAR COVER V10-CODE S
MPN001047	M379543	REAR COVER V10F - CODE P
MPN003076	M372851	REAR COVER V10F-CODE T
MPN003077	M388262	REAR COVER V10P-CODE K
MPN091062	M850557	REAR COVER V2020-S-30
MPN001043	M280690	REAR COVER V20-F-11
MPN003084	M306313	REAR COVER V20F-S-22
MPN001042	M313657	REAR COVER V20-P-11
MPN091557	M308121	REAR COVER V20P-T
MPN045096	M293373	REAR COVER V20-S-11
MPN092673	M372865	V10 REAR COVER - BLANK
MPN001039	M352699	V10-P-20 HOUSING FRONT
MPN003053	M317668	V10-S-20 HOUSING FRONT
MPN003054	M370468	V10-T-10 HOUSING FRONT
MPN098289	M280689	V20 COVER FRONT, BLANK
MPN092131	M850224	V2010/V2020 SEC BLANK
MPN037642	M308681	V2020 INLET BODY
MPN092710	M850557	V2020 REAR COVER - BLANK
MPN001041	M280689	V20-P-1 HOUSING FRONT
MPN003046	M308628	V20-P-4 HOUSING FRONT
MPN037593	M294266	V20-S-1 HOUSING FRONT

FLEX PLATES

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN000351	M416423	FLEX PLATE 20VQ
MPN000352	M416423	FLEX PLATE 25VQ 30VQ
MPN000354	M416423	FLEX PLATE 35VQ
MPN000355	M416423	FLEX PLATE 45VQ
MPN000356	M416423	FLEX PLATE 45VQH-32
MPN000360	M416423	FLEX PLATE KIT 20VQ
MPN000361	M416423	FLEX PLATE KIT 25VQ 30VQ
MPN000362	M416423	FLEX PLATE KIT 35VQ
MPN000363	M416423	FLEX PLATE KIT 45VQ

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VANE PRODUCT LISTING

BEARINGS

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN039490	M82938	BALL BEARING V2010/V2020
MPN040018	M222440	NEEDLE BRG VTM42
MPN040485	M1704	BALL BEARING V20FS-22 (30VQ)
MPN040733	M148423	BALL BEARING SHAFT - V10, VTM42
MPN040829	M1703	BALL BEARING -V210

ROTORS & VANE KITS

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN000401	M402690	ROTOR 20VQ(S)
MPN000402	M403539	ROTOR 20VQ(T)
MPN000989	M584618	ROTOR 25V
MPN000403	M270597	ROTOR 25VQ
MPN000408	M262152	ROTOR 30VQ
MPN000990	M575478	ROTOR 35V
MPN000404	M262154	ROTOR 35VQ
MPN000991	M578900	ROTOR 45V
MPN000405	M283871	ROTOR 45VQ
MPN001002	M317681	ROTOR V10-01/02/03
MPN001003	M351247	ROTOR V10-04/05
MPN001004	M357286	ROTOR V10-06/07
MPN001023	M502255	ROTOR V20-05/06
MPN001024	M358330	ROTOR V20-07/08/09
MPN001025	M502257	ROTOR V20-10/11
MPN080394	M358336	ROTOR V2010-11
MPN080393	M358337	ROTOR V2010-12/13
MPN080395	M358335	ROTOR V2010-7/9
MPN001026	M502258	ROTOR V20-12/13
MPN000701	M922741	VANE KIT 20VQ(S)
MPN000702	M922743	VANE KIT 20VQ(T)
MPN000980	M941214	VANE KIT 25V
MPN000703	M922710	VANE KIT 25VQ
MPN000704	M922648	VANE KIT 30VQ
MPN000981	M941019	VANE KIT 35V
MPN000705	M922700	VANE KIT 35VQ
MPN000982	M941049	VANE KIT 45V
MPN000706	M922701	VANE KIT 45VQ
MPN043374	M923499	VANE KIT V10-01/02/03
MPN001006	M923500	VANE KIT V10-04/05
MPN001007	M923501	VANE KIT V10-06/07
MPN001027	M923485	VANE KIT V20-05/06
MPN001028	M923493	VANE KIT V20-07/08/09
MPN001029	M923478	VANE KIT V20-10/11
MPN001030	M923479	VANE KIT V20-12/13

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VANE PRODUCT LISTING

CAM RINGS

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN000451	M333624	CAM RING 20VQ05
MPN000452	M333625	CAM RING 20VQ08
MPN000453	M374799	CAM RING 20VQ09
MPN000454	M333626	CAM RING 20VQ11
MPN000455	M353901	CAM RING 20VQ12
MPN000456	M353902	CAM RING 20VQ14
MPN000457	M326984	CAM RING 25VQ12
MPN000458	M234466	CAM RING 25VQ14
MPN000459	M326986	CAM RING 25VQ17
MPN000460	M326987	CAM RING 25VQ19
MPN000461	M326988	CAM RING 25VQ21
MPN000467	M394961	CAM RING 35VQ21
MPN000468	M319396	CAM RING 35VQ25
MPN000469	M319397	CAM RING 35VQ30
MPN000470	M319398	CAM RING 35VQ35
MPN000471	M319399	CAM RING 35VQ38
MPN000472	M297510	CAM RING 45VQ42
MPN000473	M297718	CAM RING 45VQ47
MPN000474	M297502	CAM RING 45VQ50
MPN000475	M306772	CAM RING 45VQ57
MPN000476	M297503	CAM RING 45VQ60
MPN000482	M234470	CAM RING 30VQ24
MPN000483	M224525	CAM RING 30VQ28
MPN000489	M388284	CAM RING V20-05
MPN000490	M328150	CAM RING V20-06
MPN000491	M328152	CAM RING V20-07
MPN000492	M331791	CAM RING V20-08
MPN000493	M374309	CAM RING V20-10
MPN000494	M317674	CAM RING V10-01
MPN000500	M328156	CAM RING V20-11
MPN000996	M317675	CAM RING V10-02
MPN000998	M317677	CAM RING V10-04
MPN000999	M317678	CAM RING V10-05
MPN001000	M355641	CAM RING V10-06
MPN001001	M331813	CAM RING V10-07
MPN001018	M331789	CAM RING V20-09
MPN001021	M331806	CAM RING V20-12
MPN001022	M331807	CAM RING V20-13
MPN001100	M584610	CAM RING 25V12
MPN001101	M584612	CAM RING 25V14
MPN001102	M584614	CAM RING 25V17
MPN001103	M584616	CAM RING 25V21
MPN001105	M576210	CAM RING 35V25
MPN001106	M576212	CAM RING 35V30
MPN001107	M576214	CAM RING 35V35
MPN001108	M575476	CAM RING 35V38
MPN001110	M81679	CAM RING 45V42

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VANE PRODUCT LISTING

CAM RINGS - *cont'd.*

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN001111	M582570	CAM RING 45V45
MPN001112	M581680	CAM RING 45V50
MPN001114	M578904	CAM RING 45V60
MPN043375	M317676	CAM RING V10-03
MPN080123	M250819	CAM RING 20V11
MPN080124	M256581	CAM RING 20V12
MPN080125	M250820	CAM RING 20V08
MPN080126	M254846	CAM RING 20V05
MPN080127	M257953	CAM RING 20V14
MPN080146	M296599	CAM RING VTM-60

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VANE PRODUCT LISTING

SEALS & KITS

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN005288	M588506	B-U-RING
MPN005289	M588507	B-U-RING
MPN005290	M588508	B-U-RING
MPN005295	M138895	B-U-RING 25VQ
MPN005297	M271810	B-U-RING 35VQ
MPN005301	M271818	B-U-RING 45VQ
MPN005293	M141436	B-U-RING BUNA 20VQ 45VQ
MPN005347	M588506V	B-U-RING VITON (20 VQ)
MPN005350	M588507V	B-U-RING VITON (25VQ)
MPN005346	M588508V	B-U-RING VITON (35VQ)
MPN005348	M588509V	B-U-RING VITON 45VQ
MPN005055	M586581	O-RING
MPN005075	M154022	O-RING
MPN005079	M154026	O-RING
MPN005081	M154178	O-RING
MPN005087	M154084	O-RING
MPN005090	M154087	O-RING
MPN005091	M154088	O-RING
MPN005095	M154092	O-RING
MPN005101	M154098	O-RING
MPN005104	M154101	O-RING
MPN005110	M154107	O-RING
MPN005340	M154026V	O-RING
MPN005349	M154078V	O-RING
MPN005409	M416418	O-RING
MPN005242	M154129	O-RING NITRILE 90 DURO
MPN002151	M395562	O-RING RETAINER 20VQ
MPN005093	M154090	O-RING V20
MPN005270	M154101V	O-RING VITON
MPN005341	M154084V	O-RING VITON
MPN005342	M154087V	O-RING VITON
MPN005343	M154107V	O-RING VITON
MPN005345	M586590	O-RING VITON
MPN005344	M154090V	O-RING, VITON - 75 DURO.
MPN002152	M415731	RETAINER 25VQ
MPN002153	M412013	RETAINER 35VQ
MPN002154	M415375	RETAINER 45VQ
MPN002161	M433761	RETAINER KIT 20VQ
MPN002162	M433763	RETAINER KIT 25VQ
MPN002163	M433765	RETAINER KIT 35VQ
MPN002164	M433767	RETAINER KIT 45VQ
MPN005045	M199816	RETAINER O-RING 20VQ
MPN005339	M199816V	RETAINER O-RING 20VQ-F3
MPN005354	M416418V	RETAINER O-RING 25VQ-F3
MPN005352	M416417	RETAINER O-RING 35VQ
MPN005353	M416417V	RETAINER O-RING 35VQ-F3
MPN005351	M416416	RETAINER O-RING 45VQ

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VANE PRODUCT LISTING

SEALS & KITS - *cont'd.*

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN005263	M416416V	RETAINER O-RING 45VQ-F3
MPN066987	M109975	RETAINING RING
MPN067426	M98653	RETAINING RING
MPN002101	M419672	RING SEAL 20V VQ
MPN002102	M419673	RING SEAL 25V VQ
MPN002103	M419674	RING SEAL 35V VQ
MPN002104	M419675	RING SEAL 45V VQ
MPN095362	M923577	SEAL KIT (V2010)
MPN095361	M923174	SEAL KIT (V2020)
MPN092224	M497125	SEAL KIT 20V, SINGLE SHAFT SEAL
MPN092223	M981322	SEAL KIT 20V-F3
MPN098689	M497124	SEAL KIT 20VQ, DOUBLE SHAFT SEAL
MPN098687	M451472	SEAL KIT 20VQ-F3
MPN002808	M922856	SEAL KIT 2520V, SINGLE SHAFT SEAL
MPN002809	M919303	SEAL KIT 2520V-F3
MPN002521	M920042	SEAL KIT 2520VQ
MPN002522	M920041	SEAL KIT 2520VQ, DOUBLE SHAFT SEAL
MPN002520	M920040	SEAL KIT 2520VQ, SINGLE SHAFT SEAL
MPN002523	M920043	SEAL KIT 2520VQ-F3
MPN002800	M922850	SEAL KIT 25V, SINGLE SHAFT SEAL
MPN002801	M919656	SEAL KIT 25V-F3
MPN002503	M920022	SEAL KIT 25VQ, DOUBLE SHAFT SEAL
MPN002501	M920021	SEAL KIT 25VQ, SINGLE SHAFT SEAL
MPN002502	M920023	SEAL KIT 25VQ-F3
MPN002504	M920024	SEAL KIT 25VQ-F3
MPN002810	M922859	SEAL KIT 3520V, SINGLE SHAFT SEAL
MPN002811	M919304	SEAL KIT 3520V-F3
MPN002532	M920049	SEAL KIT 3520VQ, DOUBLE SHAFT SEAL
MPN002530	M920048	SEAL KIT 3520VQ, SINGLE SHAFT SEAL
MPN002531	M920050	SEAL KIT 3520VQ-F3
MPN002533	M920051	SEAL KIT 3520VQ-F3
MPN002812	M922862	SEAL KIT 3525V, SINGLE SHAFT SEAL
MPN002813	M919305	SEAL KIT 3525V-F3
MPN002537	M920057	SEAL KIT 3525VQ, DOUBLE SHAFT SEAL
MPN002535	M920056	SEAL KIT 3525VQ, SINGLE SHAFT SEAL
MPN002536	M920058	SEAL KIT 3525VQ-F3
MPN002538	M920059	SEAL KIT 3525VQ-F3
MPN002802	M922851	SEAL KIT 35V, SINGLE SHAFT SEAL
MPN002803	M919262	SEAL KIT 35V-F3
MPN002512	M920016	SEAL KIT 35VQ, DOUBLE SHAFT SEAL
MPN002510	M920015	SEAL KIT 35VQ, SINGLE SHAFT SEAL
MPN002511	M920029	SEAL KIT 35VQ-F3
MPN002513	M920030	SEAL KIT 35VQ-F3
MPN002814	M922863	SEAL KIT 4520V, SINGLE SHAFT SEAL
MPN002815	M919616	SEAL KIT 4520V-F3
MPN002552	M920061	SEAL KIT 4520VQ, DOUBLE SHAFT SEAL
MPN002550	M920060	SEAL KIT 4520VQ, SINGLE SHAFT SEAL

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VANE PRODUCT LISTING

SEALS & KITS - *cont'd.*

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN002551	M920062	SEAL KIT 4520VQ-F3
MPN002553	M920063	SEAL KIT 4520VQ-F3
MPN002816	M922865	SEAL KIT 4525V, SINGLE SHAFT SEAL
MPN002817	M919345	SEAL KIT 4525V-F3
MPN002556	M920069	SEAL KIT 4525VQ, DOUBLE SHAFT SEAL
MPN002554	M920068	SEAL KIT 4525VQ, SINGLE SHAFT SEAL
MPN002555	M920070	SEAL KIT 4525VQ-F3
MPN002557	M920071	SEAL KIT 4525VQ-F3
MPN002818	M922866	SEAL KIT 4535V, SINGLE SHAFT SEAL
MPN002819	M919346	SEAL KIT 4535V-F3
MPN002560	M920073	SEAL KIT 4535VQ, DOUBLE SHAFT SEAL
MPN002558	M920072	SEAL KIT 4535VQ, SINGLE SHAFT SEAL
MPN002559	M920074	SEAL KIT 4535VQ-F3
MPN002561	M920075	SEAL KIT 4535VQ-F3
MPN002805	M919850	SEAL KIT 45V, SINGLE SHAFT SEAL
MPN002806	M919632	SEAL KIT 45V-F3
MPN002517	M920026	SEAL KIT 45VQ, DOUBLE SHAFT SEAL
MPN002515	M920025	SEAL KIT 45VQ, SINGLE SHAFT SEAL
MPN002516	M920027	SEAL KIT 45VQ-F3
MPN002518	M920028	SEAL KIT 45VQ-F3
MPN002832	M923548	SEAL KIT V10
MPN002831	M922733	SEAL KIT V20/F/P-11/12
MPN002834	M919805	SEAL KIT V20/F/P-11/12-F3
MPN090082	M919786	SEAL KIT V2010 VITON
MPN090083	M919770	SEAL KIT V2020 VITON
MPN003011	M02-137555	SEAL KIT V20F-22
MPN003012	M02-137556	SEAL KIT V20F-22-F3
MPN003013	M02-137557	SEAL KIT V20FS-22
MPN003014	M02-137558	SEAL KIT V20FS-22-F3
MPN002830	M922732	SEAL KIT V210
MPN400304	M922904	SEAL KIT VTM42
MPN002500	M433762	SEAL PACK A. 20VQ
MPN002505	M433764	SEAL PACK A. 25VQ
MPN002514	M433766	SEAL PACK A. 35VQ
MPN002519	M433768	SEAL PACK A. 45VQ
MPN098765	M394976-90	SEAL-PRIMARY 25VQ NITRILE
MPN002004	M429286	SEAL-PRIMARY 25VQ-F3
MPN002006	M394973	SEAL-PRIMARY 35VQ
MPN002007	M429284	SEAL-PRIMARY 35VQ-F3
MPN098764	M394974-70	SEAL-PRIMARY 45VQ NITRILE
MPN002010	M429285	SEAL-PRIMARY 45VQ-F3
MPN002012	M263585	SEAL-PRIMARY V10
MPN002014	M388205	SEAL-PRIMARY V10-F3
MPN002001	M122558	SEAL-PRIMARY V20 BUNA 90 DURO
MPN002013	M279499	SEAL-PRIMARY V20F3 (VITON)
MPN002002	M229236	SEAL-PRIMARY V210
MPN002005	M429283	SEAL-SECONDARY 25VQ

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VANE PRODUCT LISTING

SEALS & KITS - *cont'd.*

METARIS#	ALTERNATIVE#	DESCRIPTION
MPN002008	M429281	SEAL-SECONDARY 35VQ VITON
MPN002011	M429282	SEAL-SECONDARY 45VQ - VITON
MPN072948	M155023	SNAP RING V10 V20-11 DESIGN
MPN067419	M119982	SNAPRING 35VQ
MPN067274	M158630	SPIRAL LOCK
MPN067427	M191400	SPIROLOCK 25VQ
MPN067144	M193144	SPIROLOCK 35VQ
MPN074026	M2281	SPRING C.V. F TO K
MPN003105	M2280	SPRING -PRESS.-B C
MPN003104	M239766	SPRING V10F, V20F,V2010F, V2020F
MPN078627	M190362	WASHER 25VQ
MPN078438	M193220	WASHER 35VQ
MPN078437	M194878	WASHER 45VQ

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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.



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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