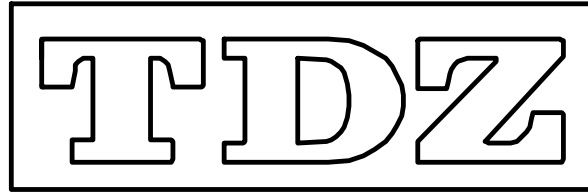
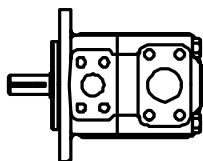


HIDRAULICA



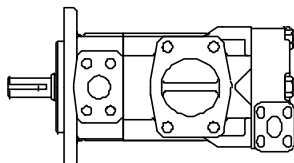
SPARE PARTS FOR
HYDRAULIC VANE PUMPS



SINGLE VANE PUMPS

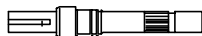
(F3)25V(Q) -	8, 12, 14, 17, 19, 21 Gal./1200 rpm.
(F3)26V(Q) -	
(F3)35V(Q) -	21, 25, 30, 35, 38 Gal./1200 rpm.
(F3)36V(Q) -	
(F3)45V(Q) -	42, 47, 50, 57, 60 Gal./1200 rpm.

High variety of available shafts. Ask for your concrete needs

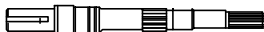


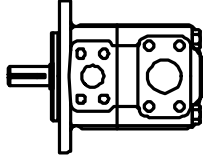
DOUBLE VANE PUMPS

(F3)2520V(Q) -	8, 12, 14, 17, 19, 21 + 2, 5, 8, 9, 11, 12, 14 Gal./1200 rpm.
(F3)2620V(Q) -	
(F3)3520V(Q) -	21, 25, 30, 35, 38 + 2, 5, 8, 9, 11, 12, 14 Gal./1200 rpm.
(F3)3620V(Q) -	
(F3)3525V(Q) -	21, 25, 30, 35, 38 + 8, 12, 14, 17, 19, 21 Gal./1200 rpm.
(F3)3625V(Q) -	
(F3)4520V(Q) -	42, 47, 50, 57, 60 + 2, 5, 8, 9, 11, 12, 14 Gal./1200 rpm.
(F3)4525V(Q) -	42, 47, 50, 57, 60 + 8, 12, 14, 17, 19, 21 Gal./1200 rpm.



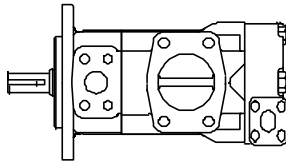
SINGLE AND DOUBLE SHAFTS





SINGLE VANE PUMPS

2J 3355	4J 8674	6J 0805	7J 0591	7J 5568	9J 5051	9J 8192
2J 6266	4J 9458	6J 4800	7J 0602	7J 6477	9J 5060	9J 8193
3A 1692	4J 9633	6J 7000	7J 0605	7J 7417	9J 5065	9J 8195
3G 4071	5J 4959	6J 7400	7J 0607	8J 2382	9J 5066	9J 8197
3G 4091	5J 4960	6J 7638	7J 0614	9J 5046	9J 5073	9J 8200
3G 6846	5J 6219	6J 7725	7J 3318	9J 5047	9J 8179	
4J 5723	5J 7655	6J 9836	7J 4748	9J 5048	9J 8190	

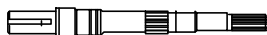


DOUBLE VANE PUMPS

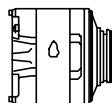
1U 0422	4K 4306	6J 9823	7J 0860	8J 1650	9J 5068	9J 8199
2D 9646	5J 0095	6J 9893	7J 0861	8J 3880	9J 5070	9J 8201
3G 4092	5J 0287	6J 9897	7J 0881	8J 6177	9J 5071	9J 8202
3G 4094	5J 1173	6J 9898	7J 1114	8J 6810	9J 5074	9J 8203
3G 4095	5J 1405	7J 0590	7J 1920	8J 9997	9J 5084	9M 5587
3G 4097	5J 2576	7J 0593	7J 2030	9J 5050	9J 5133	
3K 2786	5J 2684	7J 0594	7J 4349	9J 5052	9J 5134	
3K 6945	5J 8064	7J 0595	7J 4634	9J 5053	9J 8177	
3K 8726	5J 8765	7J 0599	7J 6230	9J 5054	9J 8180	
3R 2446	5J 8798	7J 0604	7J 6245	9J 5055	9J 8182	
4J 0823	65 8970	7J 0609	7J 6258	9J 5058	9J 8184	
4J 6378	6J 1100	7J 0611	7J 6476	9J 5061	9J 8186	
4J 6379	6J 7700	7J 0612	7J 7418	9J 5062	9J 8187	
4J 6569	6J 7730	7J 0616	7J 7419	9J 5063	9J 8188	
4J 9651	6J 7738	7J 0740	8J 0151	9J 5064	9J 8189	
4K 3331	6J 8880	7J 0741	8J 0182	9J 5067	9J 8196	



SINGLE AND DOUBLE SHAFTS



4J 0974	5J 0147	650723	7J 6228	9J 5090	9J 5095	9M 9931
4J 1660	5J 1219	658094	7J 6229	9J 5091	9J 5100	9M 9964
4J 2088	5J 1571	7J 0615	8J 0205	9J 5092	9J 5101	
4J 6353	5J 1764	7J 2155	8J 8624	9J 5093	9J 5102	
4J 7780	5J 9761	7J 3976	9J 5088	9J 5094	9J 5104	



CARTRIDGES

1U 2664	3G 2237	3G 7651	4J 4707	4T 0422	6J 7630	7J 0579
1U 2665	3G 2238	3G 7652	4J 4875	4T 1893	6J 7635	7J 0580
1U 2666	3G 2239	3G 7653	4J 5128	4T 2008	6J 7938	7J 0581
1U 2667	3G 2717	3G 7654	4J 6790	4T 3196	6J 8874	7J 0880
1U 2668	3G 2718	3G 7655	4J 6843	5J 0100	7J 0552	7J 1397
1U 2669	3G 2719	3G 7656	4J 7474	5J 0101	7J 0553	7J 1780
1U 2670	3G 2720	3G 7657	4J 7948	5J 0563	7J 0554	7J 1921
1U 2671	3G 2721	3G 7658	4J 7949	5J 0925	7J 0555	7J 3978
1U 3519	3G 2722	3G 7659	4J 8448	5J 1251	7J 0556	7J 3979
1U 3952	3G 2723	3G 7660	4J 8478	5J 3646	7J 0557	7J 5567
1U 3953	3G 2746	3G 7661	4J 8479	5J 4502	7J 0558	7J 7416
2J 8281	3G 2747	3G 7662	4J 8480	5J 4894	7J 0559	7J 7962
3G 1266	3G 2748	3G 7663	4J 8481	5J 5070	7J 0560	7J 7963
3G 1267	3G 2749	3G 7664	4J 8483	5J 5924	7J 0561	7J 7964
3G 1268	3G 2750	3G 7665	4J 8484	5J 6217	7J 0562	7J 7966
3G 1269	3G 2751	3G 7666	4J 8485	5J 7517	7J 0563	7J 7967
3G 1270	3G 2752	3G 7667	4J 8489	5J 8764	7J 0564	7J 7968
3G 1271	3G 2801	3K 7943	4J 8490	5J 9852	7J 0565	8J 6293
3G 2194	3G 2802	3K 8301	4J 8491	647300	7J 0566	8J 8716
3G 2195	3G 2803	3K 8926	4J 8492	650710	7J 0568	9J 0473
3G 2196	3G 2804	4J 0990	4J 8493	6J 0050	7J 0569	9J 0739
3G 2197	3G 2806	4J 1310	4J 8494	6J 1101	7J 0570	9J 4863
3G 2198	3G 2807	4J 1401	4J 8495	6J 1541	7J 0571	9J 7890
3G 2199	3G 2832	4J 1781	4J 8496	6J 1543	7J 0572	9J 7891
3G 2200	3G 2833	4J 1782	4J 8497	6J 1578	7J 0573	9J 7892
3G 2201	3G 2834	4J 2401	4J 8933	6J 1579	7J 0574	9J 9852
3G 2233	3G 2835	4J 2460	4K 0738	6J 2186	7J 0575	
3G 2234	3G 2836	4J 2461	4K 1944	6J 3138	7J 0576	
3G 2235	3G 2837	4J 3447	4K 4634	6J 6614	7J 0577	
3G 2236	3G 2889	4J 3538	4K 4835	6J 7625	7J 0578	

TDZ CARTRIDGE REFERENCES

-TDZ cartridge references for single,double & triple
Vickers and Caterpillar vane pumps.

Tc

MOBILE APPLICATIONS

CR: NBR seal, 10 vanes

CT: VITON seal, 10 vanes

CQ: NBR seal, 10 vanes, with bimetalic plates

CF: VITON seal, 10 vanes, with plates

SINGLE PUMPS						
TRHU DRIVE SINGLE PUMPS						
DOUBLE PUMPS (FIRST CARTRIDGE)						
PUMP TYPE	FLOW		CAST IRON PLATES (VK)		BIMETALIC PLATES (VQ)	
	gal/min. (1200 rpm)	l/min. (1000 rpm)	ROTATION		ROTATION	
			RIGHT	LEFT	RIGHT	LEFT
20V V*20	2	8	CR10102	CR11102	CQ10102	CQ11102
	5	18	CR10105	CR11105	CQ10105	CQ11105
	8	27	CR10108	CR11108	CQ10108	CQ11108
	9	29	CR10109	CR11109	CQ10109	CQ11109
	11	36	CR10111	CR11111	CQ10111	CQ11111
	12	39	CR10112	CR11112	CQ10112	CQ11112
	14	46	CR10114	CR11114	CQ10114	CQ11114
25V V*25 V*4T 2520V* V*43	8	26	CR10005	CR11009	CQ10005	CQ11009
	12	40	CR10000	CR11004	CQ10000	CQ11004
	14	45	CR10001	CR11005	CQ10001	CQ11005
	17	55	CR10002	CR11006	CQ10002	CQ11006
	19	60	CR10004	CR11008	CQ10004	CQ11008
	21	67	CR10003	CR11007	CQ10003	CQ11007
	24	80	CR10007	CR11011	CQ10007	CQ11011
30V	24	76	CR10010	CR11012	CQ10010	CQ11012
	28	88	CR10011	CR11013	CQ10011	CQ11013
35V V*35 V*6T 35**V V*6*	21	66	CR10024	CR11028	CQ10024	CQ11028
	25	81	CR10020	CR11024	CQ10020	CQ11024
	30	97	CR10021	CR11025	CQ10021	CQ11025
	35	112	CR10022	CR11026	CQ10022	CQ11026
	38	121	CR10023	CR11027	CQ10023	CQ11027
	45	142	CR10025	CR11029	CQ10025	CQ11029
45V V*45 V*7T 45**V V*7*	42	138	CR10030	CR11034	CQ10030	CQ11034
	47	148	CR10031	CR11035	CQ10031	CQ11035
	50	162	CR10032	CR11036	CQ10032	CQ11036
	57	180	CR10034	CR11038	CQ10034	CQ11038
	60	193	CR10033	CR11037	CQ10033	CQ11037
	67	214	CR10035	CR11039	CQ10035	CQ11039
	75	240	CR10036	CR11040	CQ10036	CQ11040
DOUBLE PUMPS (SECOND CARTIDGE)						
2520V 3520V 4520V V*43 V*63 V*73	2	8	CR20020	CR21026	CQ20020	CQ21026
	5	18	CR20021	CR21027	CQ20021	CQ21027
	8	27	CR20022	CR21028	CQ20022	CQ21028
	9	29	CR20026	CR21032	CQ20026	CQ21032
	11	36	CR20023	CR21029	CQ20023	CQ21029
	12	39	CR20024	CR21030	CQ20024	CQ21030
	14	46	CR20025	CR21031	CQ20025	CQ21031
3525V 4525V V*64 V*74	8	26	CR20015	CR21019	CQ20015	CQ21019
	12	40	CR20010	CR21014	CQ20010	CQ21014
	14	45	CR20011	CR21015	CQ20011	CQ21015
	17	55	CR20012	CR21016	CQ20012	CQ21016
	19	60	CR20014	CR21018	CQ20014	CQ21018
	21	67	CR20013	CR21017	CQ20013	CQ21017
	24	80	CR20017	CR21021	CQ20017	CQ21021
4535V V*76	27	88	CR20016	CR21020	Not mounted in VQ model	
	21	66	CR20004	CR21008	CQ20004	CQ21008
	25	81	CR20000	CR21004	CQ20000	CQ21004
	30	97	CR20001	CR21005	CQ20001	CQ21005
	35	112	CR20002	CR21006	CQ20002	CQ21006
	38	121	CR20003	CR21007	CQ20003	CQ21007
	45	142	CR20005	CR21009	CQ20005	CQ21009

TDZ CARTRIDGES REFERENCES



INDUSTRIAL APPLICATIONS

CR: NBR seal, 10 vanes

CS: NBR seal, 12 vanes

CV: VITON seal, 12 vanes

SINGLE PUMPS TRHU DRIVE SINGLE PUMPS DOUBLE PUMPS (FIRST CARTRIDGE)				
PUMP TYPE	FLOW		RIGHT	
	gal/min. (1200 rpm)	l/min. (1000 rpm)		
25V VS4T 2520VS VS43	8	26	CS10008	CS11008
	12	40	CS10012	CS11012
	14	45	CS10014	CS11014
	17	55	CS10017	CS11017
	19	60	CS10019	CS11019
	21	67	CS10021	CS11021
	24	80	CS10024	CS11024
	27	88	CS10027	CS11027
35V VS35 VS6T 35**VS VS6*	21	66	CS30021	CS31021
	25	81	CS10025	CS11025
	30	97	CS10030	CS11030
	35	112	CS10035	CS11035
	38	121	CS10038	CS11038
	45	142	CS10045	CS11045
45V VS45 VS7T 45**VS VS7*	42	138	CS10042	
	47	148	CS10047	
	50	162	CS10050	
	57	180	CS10057	
	60	193	CS10060	
	67	214	CS10067	
	75	240	CS10075	
DOUBLE PUMPS (SECOND CARTIDGE)				
**20VS VS*3	2	8	CR20020	CR21026
	5	18	CR20021	CR21027
	8	27	CR20022	CR21028
	9	29	CR20026	CR21032
	11	36	CR20023	CR21029
	12	39	CR20024	CR21030
	14	46	CR20025	CR21031
3525VS 4525VS VS64 VS74	8	26	CS40008	CS41008
	12	40	CS40012	CS41012
	14	45	CS40014	CS41014
	17	55	CS20017	CS21017
	19	60	CS20019	CS21019
	21	67	CS20021	CS21021
	24	80	CS20024	CS21024
	27	88	CS20027	CS21027
4535VS VS76	21	66	CS40021	CS41021
	25	81	CS20025	CS21025
	30	97	CS20030	CS21030
	35	112	CS20035	CS21035
	38	121	CS20038	CS21038
	45	142	CS20045	CS21045

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