



PRODUCT PROFILE

VELJAN DENISON LIMITED



Model No.	Max. Pr.		Max. Displacement		Max. Speed rpm	Mounting Standard
	psi	bar	in ³ /rev	cm ³ /rev		
Single Vane Pumps - Fixed Displacement						
VTXB1	3000	210	0.4 - 2.80	6 - 46	2500	SAE-A
VTXB2	3000	210	0.4 - 2.80	6 - 46	2500	SAE-B
VT6B	3500	240	0.4 - 2.42	6 - 40	2500	SAE-A
VT6B2	3500	240	0.4 - 2.42	6 - 40	2500	SAE-B
VT6C	4000	275	0.66 - 6.10	11 - 100	2800	SAE-B
VT6CSH	4000	275	0.66 - 6.10	11 - 100	2800	SAE-B
VT6CP	4000	275	0.66 - 6.10	11 - 100	2800	SAE-C
VT6GC	4000	275	0.66 - 6.10	11 - 100	2800	R.17-102
VT6D	3500	240	2.9 - 11.62	48 - 190	2500	SAE-C
VT6E	3500	240	8.07 - 16.40	132 - 270	2200	SAE-C
VT7BS	4650	320	0.35 - 3.05	6 - 50	3600	SAE-B
VT7QC1	4350	300	0.66 - 6.10	11 - 100	3000	SAE-B
VT7QC2	4350	300	0.66 - 6.10	11 - 100	3000	SAE-C
VT7DS	4350	300	2.68 - 9.64	44 - 158	3000	SAE-C
VT7ES	3500	240	8.07 - 16.40	132 - 270	2200	SAE-C
Double Vane Pumps - Fixed Displacement						
VTXBB1	3000	210	0.8 - 5.6	12 - 92	2500	SAE-A
VTXBB2	3000	210	0.8 - 5.6	12 - 92	2500	SAE-B
VT6BB	3500	240	0.79 - 5.61	12 - 92	2500	SAE-B
VT6CB	4000	275	1.05 - 8.52	17 - 140	2500	SAE-B
VT6CC	4000	275	1.32 - 12.20	22 - 200	2800	SAE-B
VT6CCSH	4000	275	1.32 - 12.20	22 - 200	2800	SAE-B
VT6CCZ	4000	275	1.32 - 12.20	22 - 200	2800	SAE-C
VT6GCC	4000	275	1.32 - 12.20	22 - 200	2800	R.17-102
VT6DC	4000	275	3.56 - 17.75	59 - 290	2500	SAE-C
VT6DDS	3500	240	5.80 - 23.3	96 - 380	2500	SAE-C
VT6EC	4000	275	8.73 - 22.56	143 - 370	2200	SAE-C
VT6ED	3500	240	11.0 - 28.06	180 - 460	2200	SAE-C
VT6EE / EES	3500	240	16.1 - 32.94	264 - 540	2200	ISO / SAE-E
VT67BB	4350	300	0.35 - 3.05	12 - 100	2800	SAE-B
VT67CB	4350	300	1.01 - 9.15	17 - 150	2800	SAE-B
VT67DB	4350	300	3.25 - 14.7	54 - 240	2500	SAE-C
VT67EB	4350	300	8.42 - 19.45	138 - 320	2200	SAE-C
VT67EC	4000	275	8.73 - 22.5	143 - 370	2200	SAE-C
VT7BBS	4650	320	0.67 - 6.10	12 - 100	3600	SAE-B
VT7QCC1	4350	300	1.32 - 12.20	22 - 200	3000	SAE-B
VT7QCC2	4350	300	1.32 - 12.20	22 - 200	3000	SAE-C
VT7DBS	4350	300	3.03 - 12.69	50 - 208	2500	SAE-C
VT7QDC	4350	300	3.34 - 15.74	55 - 258	2500	SAE-C
VT7DDS	3600	250	5.36 - 19.28	88 - 316	2500	SAE-C
VT7EBS	4350	300	8.42 - 19.45	138 - 319	2200	SAE-C
VT7QEC	4350	300	8.73 - 22.56	143 - 370	2200	SAE-C
VT7EDS	3600	250	10.7 - 26	176 - 427	2200	SAE-C
VT7EE / EES	3500	240	16.1 - 32.8	264 - 540	2200	ISO / SAE-E
Triple Vane Pumps - Fixed Displacement						
VT6CBB	4000	275	1.46 - 11.7	23 - 180	2500	SAE-B
VT6CCB	4000	275	1.72 - 15	28 - 240	2500	SAE-B
VT6DCB	4000	275	3.96 - 20.5	65 - 330	2500	SAE-C
VT6DCC	4000	275	4.22 - 23.94	70 - 390	2500	SAE-C
VT6DDCS	4000	275	6.46 - 29.34	107 - 480	2500	SAE-C
VT6EDCS	4000	275	11.63 - 34.15	191 - 560	2200	SAE-E
VT67DBB	4350	300	3.59 - 17.75	60 - 290	2500	SAE-C
VT67DCB	4350	300	3.91 - 20.8	64 - 341	2200	SAE-C
VT67DCC	4000	275	4.0 - 21.84	66 - 358	2200	SAE-C
VT67DDCS	4000	275	6.0 - 25.38	99 - 416	2200	SAE-C
VT67EDB	4350	300	11.28 - 31.11	186 - 510	2500	ISO3019-2
VT67EDC	4000	275	11.41 - 32.14	187 - 528	2200	ISO3019-2
VT7DBBS	4350	300	3.35 - 15.74	56 - 258	2500	SAE-C
VT7QDCB	4350	300	3.66 - 18.9	61 - 308	2500	SAE-C
VT7QDCC	4000	275	3.96 - 21.84	66 - 358	2500	SAE-C
VT7DDBS	4350	300	5.67 - 22.33	94 - 366	2500	SAE-C
VT7EDBS	4350	300	11.1 - 29.1	182 - 478	2200	SAE-E
VT7QEDCS	4350	300	11.34 - 32.15	187 - 528	2200	SAE-E

Model No.	Max. Pr.		Max. Displacement		Max. Speed rpm	Mounting Standard
	psi	bar	in ³ /rev	cm ³ /rev		
Drive Train Vane Pumps - Fixed Displacement						
VT6CR	4000	275	0.66 - 6.10	11 - 100	2800	SAE-B
VT6DR	3500	240	2.90 - 11.65	48 - 190	2500	SAE-C
VT6ER	3500	240	8.07 - 16.40	132 - 270	2200	SAE-C
VT6DCCR	4000	275	4.22 - 23.84	70 - 390	2500	SAE-C
VT6EDCR	4000	275	11.63 - 34.15	191 - 560	2200	ISO3019-2
VT6EES	3500	240	16.1 - 32.8	264 - 540	2200	SAE-E
VT7EES	3500	240	16.1 - 32.8	264 - 540	2200	SAE-E

NOTE:- 1. PUMPS ARE AVAILABLE IN INDUSTRIAL AND MOBILE DUTY TYPES AND ALSO WITH DOUBLE SHAFT SEALS.
2. PUMPS ARE ALSO AVAILABLE WITH ISO-3019-2 MOUNTING STANDARD.



Model No.	Max. Pr.		Max. Displacement		Max. Speed rpm	Torque Nm / bar	Mounting Standard
	psi	bar	in ³ /rev	cm ³ /rev			
VANE MOTORS							
VM3B/VM3B1	3000	210	0.54 - 2.26	9 - 37	4000	0.15 - 0.58	SAE-A
VM4C/VM4C1	2500	175	1.49 - 4.89	24 - 80	4000	0.39 - 1.27	SAE-B
VM4SC/VM4SC1	3340	230	1.49 - 4.89	24 - 80	4000	0.39 - 1.27	SAE-B
VM4D/VM4D1	2500	175	3.97 - 8.81	65 - 144	4000	1.04 - 2.30	SAE-C
VM4SD/VM4SD1	3340	230	3.97 - 8.81	65 - 144	4000	1.04 - 2.30	SAE-C
VM4E/VM4E1	2500	175	9.67 - 13.55	158 - 222	3600	2.52 - 3.53	SAE-C
VM4SE/VM4SE1	3340	230	9.67 - 13.55	158 - 222	3600	2.52 - 3.53	SAE-C



Type	Max. Pr.		Max. Displacement		Max. Speed rpm
	psi	bar	in ³ /rev	cm ³ /rev	
SYSTEM SAVERS					
Single Vane Pumps	4650	320	0.39 - 16.47	6.50 - 270	3600
Model No's: VT6B, VT7B/VT7BS, VT6C, VT6QC, VT6CSH, VT6D, VT7D/VT7DS, VT6E, VT7E/VT7ES					
Double Vane Pumps	4650	320	0.79 - 32.94	13 - 540	3000
Model No's: VT6CC, VT7QCC, VT7BB/VT7BBS, VT6DC, VT7QDC, VT7DB/VT7DBS, VT6EC, VT7EB, VT6ED, VT7ED/VT7EDS, VT6DDS, VT7DD/VT7DDS, VT6EE/VT6EES, VT7EE/VT7EES, VT67CB, VT67DB, VT67EB.					
Triple Vane Pumps	4350	300	1.40 - 32.15	23 - 527	2500
Model No's: VT6CBB, VT6CCB, VT6DCC, VT6DDCS, VT6EDC, VT7DDB/VT7DDBS, VT7EDB/VT7EDBS					



Series	Type	Size		Max.flow		Max.Pr.		Mounting Options
		in	mm	gpm	lpm	psi	bar	
Seat Valves - On/Off								
VD4S03	Body Type	3/8"	10	47	180	5000	350	Subplate / Threaded
VD4S06	Body Type	1"	25	95	360	5000	350	Subplate / Threaded
VD4S10	Body Type	1½"	38	158	600	5000	350	Subplate / Threaded
VD5S03	2/3 Port	3/4"	10	24	90	5000	350	SAE Flange
VD5S06	2/3 Port	1"	25	80	300	5000	350	SAE Flange
VD5S08	2/3 Port	1¼"	32	158	600	4000	280	SAE Flange
VD5S10	3 Port	1½"	38	158	600	5000	350	SAE Flange
VCID / VCIC	Cavity as per DIN 24342	1/2"	16	53	200	5000	350	Cartridge
VCID / VCIC		1"	25	119	450	5000	350	Cartridge
VCID / VCIC		1¼"	32	198	750	5000	350	Cartridge
VCID / VCIC		1½"	40	330	1250	5000	350	Cartridge
VCID / VCIC		2"	50	528	2000	5000	350	Cartridge
VCID / VCIC		2½"	63	792	3000	5000	350	Cartridge
VCAR4	Cavity as per	1/2"	12	47	180	5000	350	Cartridge
VCAR2	VELJAN std.	1½"	38	158	600	5000	350	Cartridge
Stack Valves								
VZDV03	Pressure Relief	1/4"	6	16	60	5000	350	CETOP 03
VZDV05		3/8"	10	32	120	4500	315	CETOP 05
VZDV08		3/4"	20	110	500	4500	315	CETOP 08
VZDR03	Pressure	1/4"	6	16	60	5000	350	CETOP 03
VZDR05	Reducing	3/8"	10	32	120	4500	315	CETOP 05
VZRD03	Throttle with Check	1/4"	6	16	60	5000	350	CETOP 03
VZRD05		3/8"	10	32	120	4500	315	CETOP 05
VZRD08		3/4"	20	110	500	4500	315	CETOP 08
VZRE03	Check (Pilot Operated)	1/4"	6	16	60	5000	350	CETOP 03
VZRE05		3/8"	10	32	120	4500	315	CETOP 05
VZRE08		3/4"	20	110	500	4500	315	CETOP 08
VZRV03	Check(Direct Operated)	1/4"	6	11	40	5000	350	CETOP 03
VZRV05		3/8"	10	26	100	4500	315	CETOP 05



Series	Size		Max.flow		Max.Press.		Mounting Options
	in	mm	gpm	lpm	psi	bar	
Inline Throttle Valves							
VITC 03	3/8"	10	13	50	4500	315	Threaded
VITC 06	3/4"	20	53	200	4500	315	Threaded
VITC 10	1¼"	32	106	400	4500	315	Threaded
Throttle without Check Valves							
VDV7 06	3/8"	10	25	95	5000	350	Subplate / Threaded
VDV7 08	1/2"	12	25	95	5000	350	Subplate / Threaded
VDV7 12	3/4"	18	50	190	5000	350	Subplate / Threaded
VDV7 16	1"	25	50	190	5000	350	Subplate / Threaded
VDV7 20	1¼"	32	119	450	5000	350	Subplate / Threaded
VDV7 24	1½"	38	119	450	5000	350	Subplate / Threaded
Throttle with Check Valves							
VDRV7 06	3/8"	10	25	95	5000	350	Subplate / Threaded
VDRV7 08	1/2"	12	25	95	5000	350	Subplate / Threaded
VDRV7 12	3/4"	18	50	190	5000	350	Subplate / Threaded
VDRV7 16	1"	25	50	190	5000	350	Subplate / Threaded
VDRV7 20	1¼"	32	119	450	5000	350	Subplate / Threaded
VDRV7 24	1½"	38	119	450	5000	350	Subplate / Threaded
Flow Controls							
V2FIC O2	3/8"	10	13	52	4000	280	Subplate
V2FIC O3	3/4"	20	29	110	5000	350	Subplate

With over 40 years of hard core experience behind us, we offer you the best possible solutions in Hydraulic applications engineering in the industry. We have a full range of high-performance pumps, motors & valves backed by an in-house R & D and the expertise of our promoter Veljan Hydrair.

The main fields of applications are :

- ▶ Railway Tracklaying & Maintenance Machinery
- ▶ Die casting & Plastic processing Machinery
- ▶ Construction Vehicles & Mining Equipment
- ▶ Water well & other Drilling Rigs
- ▶ Defense and Military engineering
- ▶ Space Research and Satellites
- ▶ Winches & Cranes
- ▶ Presses & Shearing Machines
- ▶ Test & Gauging Stands
- ▶ Shipbuilding & Offshore Engineering
- ▶ Waste Disposal & Environmental Engineering
- ▶ Cellulose & Paper Manufacturing Machinery
- ▶ Steel plant Equipment
- ▶ Sugar & Food processing Machinery
- ▶ Material Handling Equipment
- ▶ Process Industry Machinery
- ▶ Ship Stabilizer & Steering Gear Equipment

Your Local Representative:



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