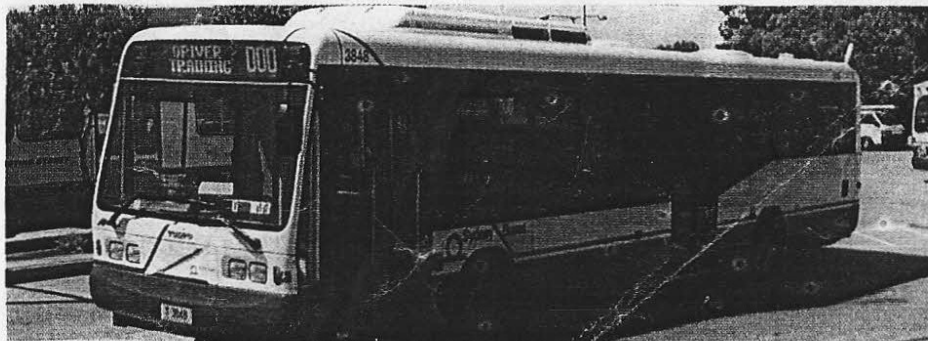


VOLVO LOW FLOOR BUS DATASHEET

Chassis Make:	VOLVO	Body Make:	ANSAIR	Total No:	125	Fleet Nos.:	3847-3971
Chassis Model:	B10BLE	Body Model:	ORANA	STA Class:			
Seats:	43	Standing:	19	Total Capacity:	62	Placed in Traffic:	1997-1999



ENGINE:		BRAKES:	GENERAL SPECIFICATION:		
Type	DH1DA245	Type	Disc front / Retarder	Length (mm)	12555
Position	Rear horizontal in line	Handbrake	Spring	Width (mm)	2500
Capacity (ltr)	9.6	ELECTRICAL:	Bosch X 2 24 Twin 80 Amp Fluorescent Alcatel	Height (mm)	3180
No. Cylinders	6			Weight unladen Front (kg)	4041
Compression Ratio	20:1			Weight unladen Rear (kg)	7560
Bore (mm)	120.65			Weight laden Front (kg)	6000
Stroke (mm)	140.00	Amps (A)		Weight laden Rear (kg)	10000
Max kW (DIN) at (RPM)	180/2000	Interior lighting		Wheelbase (mm)	6405
Max Torque (Nm) at (RPM)	1050/1400	Destination Equipment		Overhang Front (mm)	2680
Max Gov. speed (RPM)	2000	SUSPENSION:		Overhang Rear (mm)	3270
Fuel Pump & Injectors	Bosch	Type	Air Bellows	Turning Circle Wall/Wall (mm)	-
Speed Limiter	Yes	Tyre Size	275/70R22.5	Turning Circle Kerb/Kerb (mm)	-
Electronic Diesel Control	Yes	Tyre Press Front (kPa)	760	Door Opening Front (mm)	1350
TRANSMISSION:	ZF-5HP500	Tyre Press Rear (kPa)	660	Door Opening Rear (mm)	1150
		Fitted with Kneeling	Yes	Step height 1 Front/Rear (mm)	325/325
		Fitted with Suspension lift	Yes	Step height 2 Front/Rear (mm)	N/A
				Step height 3 Front/Rear (mm)	N/A
Type		CAPACITIES (ltr):		Ceiling height Front/Rear (mm)	2515/1806
1 st Ratio	3.43:1	Fuel	210	Floorheight Entry (mm)	325
2nd Ratio	2.01:1	Engine Oil	40	Floorheight Centre Door (mm)	325
3rd Ratio	1.42:1	Gearbox	22	BODY:	
4th Ratio	1.00:1	Differential	21	Construction	Steel Tube
5th Ratio	0.83:1	Power steering	8	Windows	Fixed
Reverse Ratio	4.84:1	Coolant	33	Saloon Ventilation	Airconditioned
Rear Axle Type	RAE185				
Final Drive Ratio	4.87:1				
Max speed with speed lim	80 KPH				

MAN LOW FLOOR BUS DATASHEET

Chassis Make: MAN	Body Make: ANSAIR	Total No: 30	Fleet Nos.: 3662-3691
Chassis Model: 11-220 HOCL-N	Body Model: ORANA	STA Class: MB1	
Seats: 32 Standing: 14	Total Capacity: 46	Placed in Traffic: 1996-1997	



ENGINE:		BRAKES:		GENERAL SPECIFICATION:	
Type	DO826LOH15	Type	Air & Hydr. Retarder	Length (mm)	9900
Position	Rear vertical in line	Handbrake	Spring	Width (mm)	2500
Capacity (ltr)	6.871	ELECTRICAL:	Bosch	Height (mm)	3221
No. Cylinders	6			Weight unladen Front (kg)	2895
Compression Ratio	17:1			Weight unladen Rear (kg)	5745
Bore (mm)	108			Weight laden Front (kg)	4130
Stroke (mm)	125	Amps (A)	140	Weight laden Rear (kg)	7500
Max kW (DIN) at (RPM)	162/2400	Interior lighting	Fluorescent	Wheelbase (mm)	4900
Max Torque (Nm) at (RPM)	800/1200	Destination Equipment	Alcatel	Overhang Front (mm)	2360
Max Gov. speed (RPM)	2400	SUSPENSION:	Air Bellows	Overhang Rear (mm)	2640
Fuel Pump & Injectors	Bosch	Type		Turning Circle Wall/Wall (mm)	-
Speed Limiter	Yes	Tyre Size		Turning Circle Kerb/Kerb (mm)	-
Electronic Diesel Control	Yes	Tyre Press Front (kPa)		Door Opening Front (mm)	1150
TRANSMISSION:	ZF-5HP500	Tyre Press Rear (kPa)	660	Door Opening Rear (mm)	1150
		Fitted with Kneeling	Yes	Step height 1 Front/Rear (mm)	N/A
		Fitted with Suspension lift	Yes	Step height 2 Front/Rear (mm)	N/A
		CAPACITIES (ltr):	220	Step height 3 Front/Rear (mm)	N/A
Type	ZF-5HP500			Ceiling height Front/Rear (mm)	2513/2013
1st Ratio/Roadspeed	3.43/24	Fuel	21.5	Floorheight Entry (mm)	350
2nd Ratio/Roadspeed	2.01/42	Engine Oil	30	Floorheight Centre Door (mm)	380
3rd Ratio/Roadspeed	1.42/59	Gearbox	10.0	BODY:	Steel Tube
4th Ratio/Roadspeed	1.00/84	Differential	3.5	Construction	
5th Ratio/Roadspeed	0.83/101	Power steering	-	Windows	
Reverse Ratio	4.84:1	Coolant	-	Saloon Ventilation	Airconditioned
Rear Axle Type	Spiral Bev. Single Red.				
Final Drive Ratio	4.63:1				
Max speed with speed lim	100 kph				

MERCEDES BENZ LOW FLOOR BUS DATASHEET

Chassis Make:	Mercedes Benz	Body Make:	ANSAIR	Total No:	2	Fleet Nos.:	3405-3406
Chassis Model:	0405N	Body Model:	ORANA	STA Class:			
Seats:	32	Standing:	28	Total Capacity:	60	Placed in Traffic:	1997



ENGINE:		BRAKES:		GENERAL SPECIFICATION:	
Type	OM447HA	Type	Air & Hydr. Retarder	Length (mm)	11995
Position	Rear horizontal in line	Handbrake	Spring	Width (mm)	2500
Capacity (ltr)	11,967	ELECTRICAL:		Height (mm)	3135
No. Cylinders	6			Weight unladen Front (kg)	3220
Compression Ratio	16.5:1			Weight unladen Rear (kg)	7440
Bore (mm)	128			Weight laden Front (kg)	-
Stroke (mm)	155	Alternator	Bosch	Weight laden Rear (kg)	-
Max kW (DIN) at (RPM)	184@2200	Voltage (V)	24	Wheelbase (mm)	5875
Max Torque (Nm) at (RPM)	900@1000-1600	Amps (A)	140	Overhang Front (mm)	2620
Max Gov. speed (RPM)	2200	Interior lighting	Fluorescent	Overhang Rear (mm)	3500
Fuel Pump & Injectors	Bosch	Destination Equipment	Stone McColl	Turning Circle Wall/Wall (mm)	-
Speed Limiter	-	SUSPENSION:		Turning Circle Kerb/Kerb (mm)	-
Electronic Diesel Control	-			Door Opening Front (mm)	1250
TRANSMISSION:	ZF4/5HP500			Door Opening Rear (mm)	1150
				Step height 1 Front/Rear (mm)	340
		Step height 2 Front/Rear (mm)	340		
		Step height 3 Front/Rear (mm)	-		
1 st Ratio	3.43	CAPACITIES (ltr):		Ceiling height Front/Rear (mm)	2474/2073
2nd Ratio	2.01			Floorheight Entry (mm)	370
3rd Ratio	1.42			Floorheight Centre Door (mm)	370
4th Ratio	1.00			BODY:	
5th Ratio	-/0.83	Fuel	270	Construction	Steel Tube
Reverse Ratio	4.84	Engine Oil	24.5	Windows	Fixed
Rear Axle Type	HO7/9 DL-10	Gearbox	16	Saloon Ventilation	Airconditioned
Final Drive Ratio	4.34/5.4	Differential	7.5 + Hubs@2.75each		
Max speed	93	Power steering	8.5		
		Coolant	8.4		