



VARODRY VD OEM HD/O₂ Oil-free vacuum solution for fluid filling systems

Designed for DOT brake fluid and harsh processes

Reduce your operating costs and increase the production uptime by eliminating oil and water completely from the DOT brake fluid evacuation and filling process. Our sustainability driven solution puts an end to the maintenance required for older oil-sealed technology.



Sustainable

Oil-free solution, energy savings through a high efficiency motor



User-Friendly

Easy "plug and go" motor connection, air cooled design



Heavy Duty

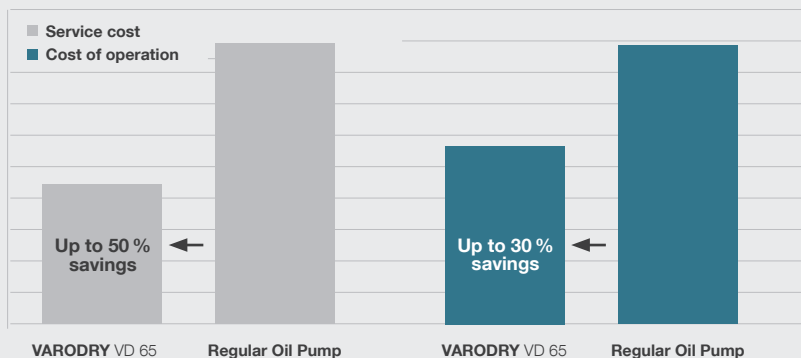
Designed for handling DOT and harsh processes (i.e., O₂).



Operating Costs Savings

Water-free cooling, low maintenance

Cost of ownership saving



Contact us to get your personal cost of ownership calculation.

VARODRY VD OEM HD/O₂ Designed for DOT brake fluid and harsh processes fluid

Technical Data

VARODRY		VD 65 OEM HD/O ₂	VD 100 OEM HD/O ₂
Max. pumping speed	m ³ /h	65	105
Ultimate pressure without gas ballast	mbar	< 0.01	
Ultimate pressure with gas ballast	mbar	< 0.1	
Max. permissible inlet pressure	mbar	1050	
Max. permissible outlet pressure (rel. to ambient)	mbar	200	
Water vapor tolerance with gas ballast	mbar	60	
Water vapor capacity with gas ballast	kg/h	1,9	2,9
Noise level (connected with exhaust piping) at ultimate pressure (50 / 60 Hz)*	dB(A)	67 / 70	
Permissible ambient temperature	°C	0 to +40	
Rated motor power	kW	1.5	2.2
Protection class		IP55	
Inlet and Outlet connection		G 2" (In) - G 1 1/2" (Out)	
Dimensions [L x W x H]	mm	630 x 488 x 315	722 x 488 x 315
Weight, approx.	kg	105	115

Please note: the pumps are also available in pumping speed range 160m³/h and 200m³/h. For any further information, do not hesitate to contact your Leybold representative.

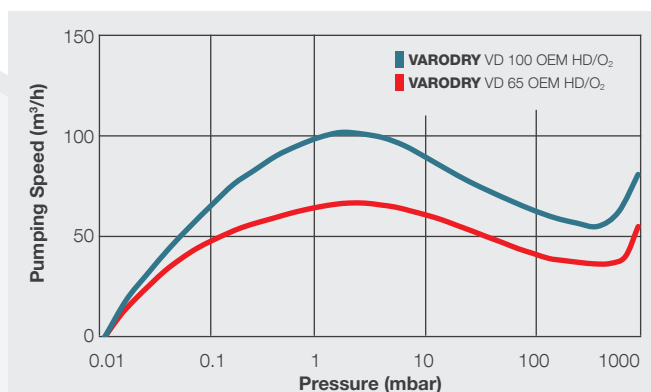
Ordering Information	VD 65 OEM HD/O ₂	VD 100 OEM HD/O ₂
50 Hz, 200/400 V +- 10%, 3 ph	111065V45	10110100V01
60 Hz, 230/460 V +- 10%, 3 ph	111065V46	10110100V02
60 Hz, 200/380 V +- 10%, 3 ph	111065V47	10110100V03

Accessories	
Inlet non return valve G 2" (for inlet pressures > 1 mbar)	111005A15
Inlet Adapter	
DN 40 ISO-KF, 20 mm	111005A20
G 1 1/4", 10 mm	111005A21
NPT 1 1/4 -11.5, 10 mm	111005A22
NPT 2-11.5, 35 mm	111005A23
DN 63 ISO-K, 27 mm	111005A24
Exhaust Adapters	
DN 40 ISO-KF, 20 mm	111005A30
NPT 1 1/2-11.5, 30 mm	111005A31
Casters (for VARODRY only)	111005A50
Flushing Kit	111005A00

* According to DIN EN ISO 2151

DOT-resistant design via

- blow-off valve with PEEK material
- stainless steel exhaust
- fully-purging for advanced protection



Leybold

Pioneering products. Passionately applied.