

Stern gear systems

Drive for propeller shaft

Type VETUS DRIVE

More freedom for engine movement, less freedom for vibration

The VETUS DRIVE (Type VDR) is a combination of a self-aligning thrust bearing and a double acting constant velocity joint. The propeller thrust is absorbed by the inbuilt thrust bearing allowing the engine to be set up on softer mountings, resulting in lower vibration and transmitted noise. The VDR is made of electro-galvanised steel and high performance rubber. This heavy duty VDR has been tested under the toughest conditions and is suitable for maximum thrust up to 24000 N.

Specifications

- VDR6 is available for shaft diameters of 50, 60 or 70 mm
- VDR2 and 4 are available for shaft diameters of 25, 30, 35, 40, 45 or 50 mm
- Interchangeable with other well-known models
- Durable design with long lifetime

Note: For the most popular Volvo, YANMAR and Kanzaki gearboxes special (also custom made) adapter flanges are available (see page 99).

To determine which VETUS Drive is needed, we refer to our website where you can find charts in the VDR manual.



VDR

Dimensions for VDR constant velocity joint

Type	A (mm)	B (mm)	C (mm)	D Ø (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
VDR210254	325	217	101.6	60	63	145	45	25	143
VDR210255	325	217	127	60	63	145	45	25	143
VDR210304	325	217	101.6	60	63	145	45	30	143
VDR210305	325	217	127	60	63	145	45	30	143
VDR215254	376	268	101.6	60	63	145	45	25	175
VDR215255	376	268	127	60	63	145	45	25	175
VDR215304	376	268	101.6	60	63	145	45	30	175
VDR215305	376	268	127	60	63	145	45	30	175
VDR215354	401	268	101.6	69	88	145	45	35	200
VDR215355	401	268	127	69	88	145	45	35	200
VDR221304	429	321	101.6	60	63	145	45	30	183
VDR221305	429	321	127	60	63	145	45	30	183
VDR221354	454	321	101.6	69	88	145	45	35	208
VDR221355	454	321	127	69	88	145	45	35	208
VDR221404	454	321	101.6	69	88	145	45	40	208
VDR221405	454	321	127	69	88	145	45	40	208
VDR421404	437	294	101.6	85	90	214	53	40	188
VDR421405	437	294	127	85	90	214	53	40	188
VDR421454	437	294	101.6	85	90	214	53	45	188
VDR421455	437	294	127	85	90	214	53	45	188
VDR421505	448	294	127	89	102	214	53	50	199
VDR430404	538	395	101.6	85	90	214	53	40	233
VDR430405	538	395	127	85	90	214	53	40	233
VDR430454	538	395	101.6	85	90	214	53	45	233
VDR430455	538	395	127	85	90	214	53	45	233
VDR430504	549	395	101.6	89	101	214	53	50	244
VDR430505	549	395	127	89	101	214	53	50	244
VDR630505	522	333	127	87.5	87.5	250	87	50	250
VDR630605	522	333	127	87.5	87.5	250	87	60	250
VDR630705	522	333	127	87.5	87.5	250	87	70	250
VDR630506	522	333	152.4	87.5	87.5	250	87	50	250
VDR630606	522	333	152.4	87.5	87.5	250	87	60	250
VDR630706	522	333	152.4	87.5	87.5	250	87	70	250
VDR642505	579	362	127	87.5	87.5	250	87	50	250
VDR642605	579	362	127	87.5	87.5	250	87	60	250
VDR642705	579	362	127	87.5	87.5	250	87	70	250
VDR642506	579	362	152.4	87.5	87.5	250	87	50	250
VDR642606	579	362	152.4	87.5	87.5	250	87	60	250
VDR642706	579	362	152.4	87.5	87.5	250	87	70	250