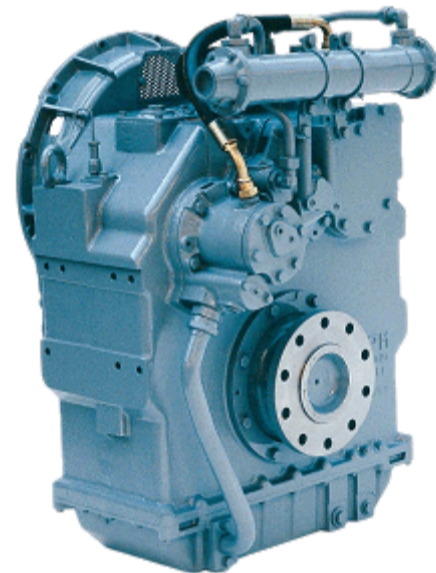




Measurement Unit: kW / mm / kg / L

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## ZF W350-1

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### ZF 350 SERIES

- **Robust design also withstands continuous duty in workboat applications**
- **Fully works tested, reliable and simple to install**
- **Design, manufacture and quality control standards comply with ISO 9001**
- **Reverse reduction marine transmission with hydraulically actuated multi-disc clutches**
- **Compatible with all types of engines and propulsion systems**

### FEATURES

- Supershift2 technology inside
- Case hardened and precisely ground gear teeth for long life and smooth running
- Output shaft thrust bearing designed to take maximum propeller thrust astern and ahead
- Smooth and reliable hydraulic shifting with control lever for attachment of push-pull cable
- Suitable for twin engine installations (same ratio and torque capacity in ahead or astern mode)
- Emergency "get home" capability
- Replaceable oil filter cartridge
- Compact, space saving design; Integral SAE 1 bell housing; SAE 0 adapter.
- Durable cast iron construction

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## MARINE GEAR

Document Number	Description	Index	TIF	DXF	PDF	IGES	STEP	PRT	DWG
3215.600.017	Installation Drawing	H2	<a href="#">TIF (.273.7 KB)</a>	<a href="#">DXF (.210.4 KB)</a>	<a href="#">PDF (.341.4 KB)</a>	<a href="#">IGES (.12.4 MB)</a>	<a href="#">STEP (.5.4 MB)</a>	<a href="#">PRT (.8.2 MB)</a>	<a href="#">DWG (.275.8 KB)</a>

## ACTUATION

Document Number	Description	Index	TIF	DXF	PDF	IGES	STEP	PRT	DWG
3217.600.028	MB 30-1	F4		<a href="#">DXF (.99.5 KB)</a>	<a href="#">PDF (.209 KB)</a>	<a href="#">IGES (.1 MB)</a>	<a href="#">STEP (.307.4 KB)</a>	<a href="#">PRT (.610.2 KB)</a>	<a href="#">DWG (.140.9 KB)</a>
3217.600.043	EB 30-3 / Installation Drawing	B	<a href="#">TIF (.280 KB)</a>	<a href="#">DXF (.110.3 KB)</a>	<a href="#">PDF (.185 KB)</a>	<a href="#">IGES (.641.6 KB)</a>	<a href="#">STEP (.432.7 KB)</a>	<a href="#">PRT (.902.8 KB)</a>	<a href="#">DWG (.149.8 KB)</a>

## MOUNTINGS

Document Number	Description	Index	DXF	PDF	IGES	STEP	PRT
3215.600.007	Rigidly		<a href="#">DXF (.51.7 KB)</a>	<a href="#">PDF (.111.8 KB)</a>	<a href="#">IGES (.1.1 MB)</a>	<a href="#">STEP (.440.7 KB)</a>	<a href="#">PRT (.641 KB)</a>
3215.600.012	Resilient		<a href="#">DXF (.57.7 KB)</a>	<a href="#">PDF (.122.4 KB)</a>			

## CONNECTION

Document Number	Description	Index	DXF	PDF
3215.600.025	SAE 1 Flywheel Housing with coupling VULKARDAN-E 4010 11.5" Size		<a href="#">DXF (.38.4 KB)</a>	<a href="#">PDF (.72.3 KB)</a>
3215.600.067	SAE 1 Flywheel Housing with coupling VULKARDAN-E 4010 14" Size		<a href="#">DXF (.38.3 KB)</a>	<a href="#">PDF (.65.9 KB)</a>
3215.600.079	SAE 1 Flywheel Housing coupling centa CF-R-216-HR-14"	0	<a href="#">DXF (.52.8 KB)</a>	<a href="#">PDF (.73.1 KB)</a>
3215.600.080	SAE 1 Flywheel Housing coupling centa CF-R-216-HR-11.5"	0	<a href="#">DXF (.51.5 KB)</a>	<a href="#">PDF (.71.4 KB)</a>

## OIL COOLER

Document Number	Description	Index	DXF	PDF	IGES	STEP	PRT	DWG
3215.600.075	Installation Drawing	C4	<a href="#">DXF (.136.9 KB)</a>	<a href="#">PDF (.140.4 KB)</a>	<a href="#">IGES (.1.1 MB)</a>	<a href="#">STEP (.519.9 KB)</a>	<a href="#">PRT (.690.5 KB)</a>	<a href="#">DWG (.180.1 KB)</a>

## POWER TAKE OFF

Document Number	Description	Index	TIF	DXF	PDF	IGES	STEP	PRT	DWG
3214.600.023	Clutchable SAE J744 B	C	<a href="#">TIF (320.9 KB)</a>	<a href="#">DXF (369.5 KB)</a>	<a href="#">PDF (560.5 KB)</a>	<a href="#">IGES (556.7 KB)</a>	<a href="#">STEP (135.5 KB)</a>	<a href="#">PRT (409.4 KB)</a>	<a href="#">DWG (481.8 KB)</a>
3217.600.004	Live SAE J744 B	G1		<a href="#">DXF (35.5 KB)</a>	<a href="#">PDF (79.5 KB)</a>	<a href="#">IGES (1 MB)</a>	<a href="#">STEP (304.6 KB)</a>	<a href="#">PRT (770.4 KB)</a>	<a href="#">DWG (53.6 KB)</a>
3217.600.005	Live SAE J744 C	G2		<a href="#">DXF (39.1 KB)</a>	<a href="#">PDF (87.5 KB)</a>	<a href="#">IGES (708.3 KB)</a>	<a href="#">STEP (247.3 KB)</a>	<a href="#">PRT (359.9 KB)</a>	<a href="#">DWG (59.3 KB)</a>
3217.600.006	Clutchable SAE J744 B	J			<a href="#">PDF (275.5 KB)</a>				<a href="#">DWG (145.1 KB)</a>
3217.600.007	Clutchable SAE J744 C	J1		<a href="#">DXF (108.2 KB)</a>	<a href="#">PDF (139.4 KB)</a>	<a href="#">IGES (1.8 MB)</a>	<a href="#">STEP (708.2 KB)</a>	<a href="#">PRT (931.5 KB)</a>	<a href="#">DWG (154.7 KB)</a>
3217.600.008	Clutchable Pulley Application	J1		<a href="#">DXF (117 KB)</a>	<a href="#">PDF (147.1 KB)</a>	<a href="#">IGES (1.1 MB)</a>	<a href="#">STEP (409.3 KB)</a>	<a href="#">PRT (617.3 KB)</a>	<a href="#">DWG (164 KB)</a>

## TABLE

Document Number	Description	Index	TIF
3215.700.017	Mass Elastic Data	1	<a href="#">TIF (573.7 KB)</a>

## TROLLING VALVE

Document Number	Description	Index	TIF	DXF	PDF	IGES	STEP	PRT	DWG
3217.600.030	Mechanical	B	<a href="#">TIF (153.3 KB)</a>	<a href="#">DXF (40.6 KB)</a>	<a href="#">PDF (151.7 KB)</a>	<a href="#">IGES (294.8 KB)</a>	<a href="#">STEP (158.5 KB)</a>	<a href="#">PRT (244.1 KB)</a>	<a href="#">DWG (53.1 KB)</a>
3217.600.037	Electrical	D1	<a href="#">TIF (211.8 KB)</a>	<a href="#">DXF (162.4 KB)</a>	<a href="#">PDF (260.5 KB)</a>	<a href="#">IGES (1.2 MB)</a>	<a href="#">STEP (598.8 KB)</a>	<a href="#">PRT (653.8 KB)</a>	<a href="#">DWG (261.7 KB)</a>

## MONITORING

Document Number	Description	Index	PDF	DWG
3217.600.068	for MB 30-1 Control Valve (Homologated Transmissions)		<a href="#">PDF (1 MB)</a>	<a href="#">DWG (1.1 MB)</a>
3217.600.069	for EB 30-3 Control Valve (Homologated Transmissions)		<a href="#">PDF (1,020.3 KB)</a>	<a href="#">DWG (1 MB)</a>