

# GENERAL / Component Specifications

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## HYDRAULIC COMPONENT

### PUMP DEVICE

Drive Gear Ratio ..... Main Pump: 1, Pilot Pump: 1

### MAIN PUMP

Type ..... Bent-Axis Type Variable Displacement Axial Plunger Pump  
Maximum Flow Rate ..... 212 L/min (56 US gpm)×2 (ZX200-3 class, ZX225US-3 class,  
ZX225USR-3 class)  
224 L/min (59 US gpm)×2 (ZX240-3 class)  
236 L/min (62 US gpm)×2 (ZX270-3 class)  
Maximum Flow Rate (Theoretical Value) ..... 118 L/min (31.1 US gpm)×2  
Rated Pressure ..... 34.3 MPa

### REGULATOR

Type ..... Hydraulic Pressure Operated Type

### PILOT PUMP

Type ..... FS 11/16.8  
Model ..... Fixed Displacement Type Gear Pump  
Maximum Flow (Theoretical Value)..... 31.9 L/min (8.4 US gpm) } ZX200-3 class,  
HP Mode: 35.3 L/min (9.3 US gpm) } ZX225US-3 class,  
ZX225USR-3 class  
33.6 L/min (8.88 US gpm) } ZX240-3 class  
HP Mode: 35.28 L/min (9.32 US gpm) }  
34.44 L/min (9.10 US gpm) } ZX270-3 class  
HP Mode: 36.12 L/min (9.54 US gpm) }

### CONTROL VALVE

Type ..... Pilot Pressure Operated Type (4-Spools + 5-Spools)  
Main Relief Set-Pressure ..... Normal: 34.3 MPa (350 kgf/cm<sup>2</sup>, 4980 psi) at  
150 L/min (39.6 US gpm)  
Power Digging: 36.3 MPa (370 kgf/cm<sup>2</sup>) at  
150 L/min (39.6 US gpm)  
Overload Relief Set-Pressure ..... 37.2 MPa (380 kgf/cm<sup>2</sup>, 5410 psi) at 50 L/min (13.2 US gpm)  
(Boom Lower, Arm Roll-In, Bucket Roll-In)  
39.2 MPa (400 kgf/cm<sup>2</sup>, 5690 psi) at 50 L/min (13.2 US gpm)  
(Boom Raise, Arm Roll-Out, Bucket Roll-Out)