

# **Z-FORCE SZ COMMERCIAL SPECIFICATION SHEETS 2014**

**2014**

**Specification Sheets**

**CC**

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<b>ZF SZ48 Comm</b>	<b>23 H.P. Confidant</b>	<b>Twin</b>	<b>Dual Hydro</b>	<b>2014</b>
<b>ZF SZ60 Comm</b>	<b>23.5 H.P. Command Pro</b>	<b>Twin</b>	<b>Dual Hydro</b>	<b>2014</b>

# MODEL: ZF Comm SZ48 KH

# YEAR: 2014

Factory Model Number: 53ATDAGB050

23 H.P. Hydro Drive  
Electric P.T.O. / 48" Fabricated Deck

## GENERAL INFO:

Length (Over-All)	70.0"
Width (Over-All)	Not Available
Height (Over-All)	Not Available
Ground Clearance	Not Available
Weight (Approximate)	770 lbs.
Engine Type	Gas (Air Cooled)
Electrical System	12v Negative Ground

## GENERAL INFO:

Wheelbase	43.0"
Tread Front/Rear	Rib/Turf
Turning Radius	0"
Front Wheel Tire Size	13" x 6.5"-6"
Rear Wheel Tire Size	22" x 9.5"-12"
Trans/Differential Type	Aluminum, Intergrated
Forward Speed	0-8.5 mph
Reverse Speed	0-3.0 mph

## ENGINE SPECS:

Make	Kohler
Model Series	Confidant (Vertical)
Model/Type/Spec	ZT730-3011
No. Of Cylinders	2
Horse Power <small>Rated By Manufacturer</small>	23 HP (17.2 kW)
Peak Torque	Not Available
Displacement	45.6 cu in. (747cc)
Bore	3.27"
Stroke	2.72"

## ENGINE SPECS:

Idle Speed	1550 R.P.M.
Max. Speed (No Load)	3600 R.P.M.
Max. Speed (Full Load)	3450 R.P.M.
Valve Lash (Intake)	0.006" (0.152 mm)
Valve Lash (Exhaust)	0.006" (0.152 mm)
Ignition Type	Electronic
Spark Plug Gap	0.030"
Mag Air Gap	0.008"-0.012"

## CAPACITIES:

Engine Crankcase	2.0 qts. (A)
Coolant	Not Applicable
Transmission	2.0 qts. Transaxles/Reservoir (B)
Transaxle	Not Applicable
Creeper Drive Housing	Not Applicable
Front Axle	Not Applicable
Fuel Tank	2.8 gal. x Two (5.6 gal. Total)

## FLUIDS:

(A) SAE 10W30	737-3030A
(B) Drive System + Fluid	737-3120
(C) 135H EP Gear Lube 85W-140	737-3065
(D) 251 EP Chassis Lubricant	737-3034

## ENGINE MAINTENANCE PARTS:

Air Filter	KH-16-083-01-S
Pre Filter	KH-16-083-02-S
Oil Filter	KH-52-050-02-S
Fuel Filter	KH-24-050-13-S
Spark Plug	KH-12-132-02-S
Armature	KH-32-584-06-S
Points	Not Applicable
Carb Kit	Not Available

## TRACTOR MAINTENANCE PARTS:

Transmission Filter	HG-52114P
Voltage Regulator	KH-41-403-10-S
Muffler	751-11879B
Battery	925-1707D
P.T.O. Clutch	917-05188

## ENGINE:

Complete Engine	KH-ZT730-3011
Short Block	KH-16-522-04 (A)
Mini Block	Not Available

## WARRANTY:

Limited Residential	3 Year / 180 Hrs.
Engine	3 Year
P.T.O. Clutch	3 Year / 180 Hrs.

## BEIGE POWDERED PAINT CODE -0499

Beige Paint (11.5 oz. Aerosol)	759-3735
Beige Paint (Quart)	759-3736
Beige Paint (.6 oz. Bottle)	759-3674

## YELLOW POWDERED PAINT CODE -4021

Yellow Paint (11.5 oz. Aerosol)	788S04021
Yellow Paint (Quart)	788L04021-QT
Yellow Paint (.6 oz. Bottle)	788T04021

Part Numbers and Specifications Subject To Change Without Notice.

(A) Available Through Kohler

# MODEL: ZF Comm SZ60 KH

# YEAR: 2014

Factory Model Number: 53ATDAGB050

23.5 H.P. Hydro Drive  
Electric P.T.O. / 60" Fabricated Deck

## GENERAL INFO:

Length (Over-All)	70.0"
Width (Over-All)	Not Available
Height (Over-All)	Not Available
Ground Clearance	Not Available
Weight (Approximate)	835 lbs.
Engine Type	Gas (Air Cooled)
Electrical System	12v Negative Ground

## GENERAL INFO:

Wheelbase	43.0"
Tread Front/Rear	Rib/Turf
Turning Radius	0"
Front Wheel Tire Size	13" x 6.5"-6"
Rear Wheel Tire Size	22" x 9.5"-12"
Trans/Differential Type	Aluminum, Intergrated
Forward Speed	0-8.5 mph
Reverse Speed	0-3.0 mph

## ENGINE SPECS:

Make	Kohler
Model Series	Command Pro (Vertical)
Model/Type/Spec	CV732-3015
No. Of Cylinders	2
Horse Power <small>Rated By Manufacturer</small>	23.5 HP (17.5 kW)
Peak Torque	Not Available
Displacement	45.6 cu in. (747cc)
Bore	3.27"
Stroke	2.72"

## ENGINE SPECS:

Idle Speed	1550 R.P.M.
Max. Speed (No Load)	3600 R.P.M.
Max. Speed (Full Load)	3450 R.P.M.
Valve Lash (Intake)	Hydraulic
Valve Lash (Exhaust)	Hydraulic
Ignition Type	Electronic
Spark Plug Gap	0.030"
Mag Air Gap	0.008"-0.012"

## CAPACITIES:

Engine Crankcase	2.0 qts. (A)
Coolant	Not Applicable
Transmission	2.0 qts. Transaxles/Reservoir (B)
Transaxle	Not Applicable
Creeper Drive Housing	Not Applicable
Front Axle	Not Applicable
Fuel Tank	2.8 gal. x Two (5.6 gal. Total)

## FLUIDS:

(A) SAE 10W30	737-3030A
(B) Drive System + Fluid	737-3120
(C) 135H EP Gear Lube 85W-140	737-3065
(D) 251 EP Chassis Lubricant	737-3034

## ENGINE MAINTENANCE PARTS:

Air Filter	KH-25-083-01-S
Pre Filter	KH-25-083-04-S
Oil Filter	KH-12-050-01-S
Fuel Filter	KH-24-050-13-S
Spark Plug	KH-12-132-02-S
Armature	KH-24-584-45-S
Points	Not Applicable
Carb Kit	Not Available

## TRACTOR MAINTENANCE PARTS:

Transmission Filter	HG-52114P
Voltage Regulator	KH-41-403-10-S
Solenoid	KH-25-435-06-S
Muffler	751-11879B
Battery	925-1707D
P.T.O. Clutch	917-05192

## ENGINE:

Complete Engine	KH-CV732-3015
Short Block	Not Available
Mini Block	Not Available

## WARRANTY:

Limited Residential	3 Year / 180 Hrs.
Engine	3 Year
P.T.O. Clutch	3 Year / 180 Hrs.

## BEIGE POWDERED PAINT CODE -0499

Beige Paint (11.5 oz. Aerosol)	759-3735
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