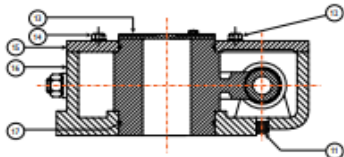
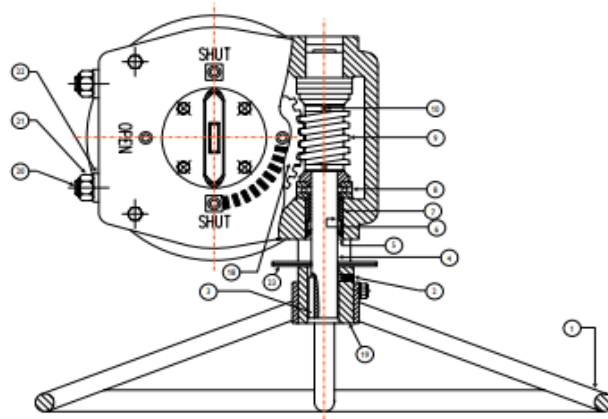




GEARBOXES - WORM GEAR



WG008 WORM GEAR OPERATOR



PARTS AND BILL OF MATERIALS

No	Part Name	Material
1	Handwheel	Carbon Steel
2	Set Screw	Carbon Steel
3	Stem Key	Carbon Steel
4	Input Shaft	AISI 1045 + ENP
5	Oil Seal	Rubber
6	Bearing	Co-Base Alloy
7	Oil Bearing	Co-Base Alloy
8	Thrust Bearing	Commercial
9	Worm	AISI 1045
10	Pin	Carbon Steel
11	Pin	Carbon Steel
12	Bolt	Carbon Steel
13	Indicator Plate	Cast Iron
14	Bolt	Carbon Steel
15	Cover	Cast Iron
16	Housing	Cast Iron
17	O-Ring	Rubber
18	Worm Gear	Ductile Iron
19	Operating Nut	Carbon Steel
20	Stop Screw	Carbon Steel
21	Hex Nut	Carbon Steel
22	Lock Washer	Carbon Steel
23	Locking Device	Steel + ZP

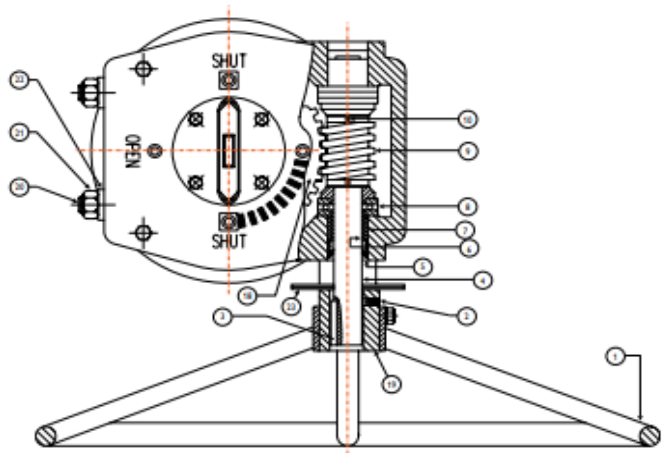
QUICK REFERENCE

Unit Type	Approximate Weight in KG W/O Wheel	Maximum Output Torque NM	Input Torque NM	Unit Ratio	Maximum Bore Size Square Keyway	Maximum Bore Size Rectangular Keyway	Minimum Bore Size MM	Mounting ISO
WG008	14	1219	110	50:1	38.1mm WITH 12.7mm X 12.7mm KEYWAY	39.8mm WITH 12.7mm x 9.53mm KEYWAY	15.88	F14

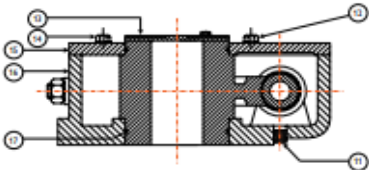
* Other drillings on request

QTY: 5

WG108 WORM GEAR OPERATOR



PARTS AND BILL OF MATERIALS



No	Part Name	Material
1	Handwheel	Carbon Steel
2	Set Screw	Carbon Steel
3	Stem Key	Carbon Steel
4	Input Shaft	AISI 1045 + ENP
5	Oil Seal	Rubber
6	Bearing	Cu-Base Alloy
7	Oil Bearing	Cu-Base Alloy
8	Thrust Bearing	Commercial
9	Worm	AISI 1045
10	Pin	Carbon Steel
11	Plug	Carbon Steel
12	Ball	Carbon Steel
13	Indicator Plate	Cast Iron
14	Ball	Carbon Steel
15	Cover	Cast Iron
16	Housing	Cast Iron
17	O-Ring	Rubber
18	Worm Gear	Ductile Iron
19	Operating Nut	Carbon Steel
20	Stop Screw	Carbon Steel
21	Hex Nut	Carbon Steel
22	Lock Washer	Carbon Steel
23	Locking Device	Steel + ZP

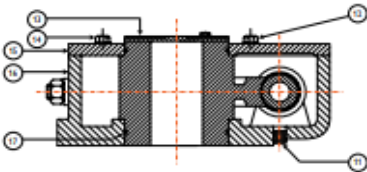
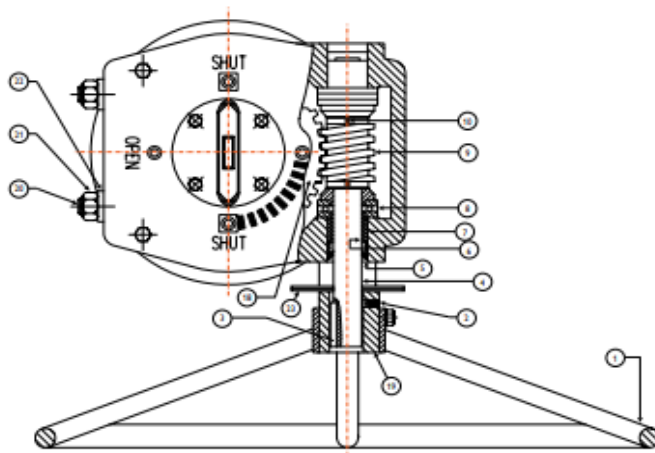
QUICK REFERENCE

Unit Type	Approximate Weight in KG W/O Wheel	Maximum Output Torque NM	Input Torque NM	Unit Ratio	Maximum Bore Size Square Keyway	Maximum Bore Size Rectangular Keyway	Minimum Bore Size MM	Mounting ISO
WG108	15.5	2200	120	72:1	47.8mm WITH 12.7mm X 12.7mm KEYWAY	49.3mm WITH 12.7mm x 9.53mm KEYWAY	20	F16

* Other drillings on request

QTY: 3

WG208 WORM GEAR OPERATOR



PARTS AND BILL OF MATERIALS

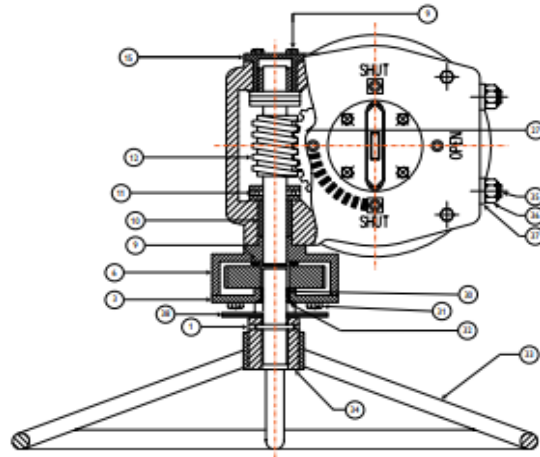
No	Part Name	Material
1	Handwheel	Carbon Steel
2	Set Screw	Carbon Steel
3	Stem Key	Carbon Steel
4	Input Shaft	AISI 1045 + ENP
5	Oil Seal	Rubber
6	Bearing	Co-Bone Alloy
7	Oil Bearing	Co-Bone Alloy
8	Thrust Bearing	Commercial
9	Worm	AISI 1045
10	Pin	Carbon Steel
11	Plug	Carbon Steel
12	Bolt	Carbon Steel
13	Indicator Plate	Cast Iron
14	Bolt	Carbon Steel
15	Cover	Cast Iron
16	Housing	Cast Iron
17	O-Ring	Rubber
18	Worm Gear	Ductile Iron
19	Operating Nut	Carbon Steel
20	Stop Screw	Carbon Steel
21	Hex Nut	Carbon Steel
22	Lock Washer	Carbon Steel
23	Locking Device	Steel + ZP

QUICK REFERENCE

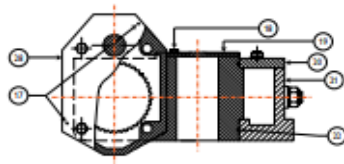
Unit Type	Approximate Weight in KG W/O Wheel	Maximum Output Torque Nm	Input Torque Nm	Unit Ratio	Maximum Bore Size Square Keyway	Maximum Bore Size Rectangular Keyway	Minimum Bore Size MM	Mounting ISO
WG208	32.73	4475	220	68:1	76.4mm WITH 22mm x 22mm KEYWAY	79.3mm WITH 15.88mm x 11.11mm KEYWAY	38.1mm	ISO F19 & F25

* Other drillings on request

QTY: 9

WG308 WORM GEAR OPERATOR**PARTS AND BILL OF MATERIALS**

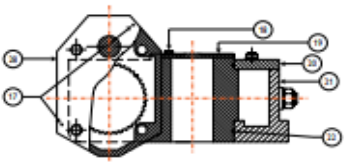
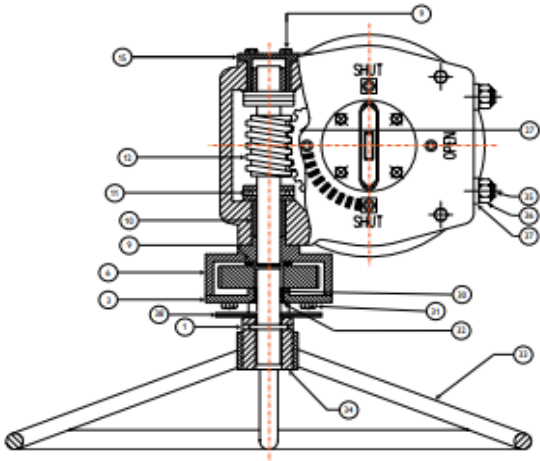
No	Part Name	Qty	Material
1	Slotted Spring Pin	1	Carbon Steel
3	Spur Gear Cover	1	Cast Iron
5	Input Shaft	1	AISI 1045 + ENP [*]
6	Spur Gear Housing	1	Cast Iron
9	Bolt	4	Carbon Steel
10	Bearing	1	Cu-Base Alloy
11	Thrust Bearing	1	Commercial
12	Worm	1	AISI 1045
15	Bearing Block	1	Carbon Steel
17	Locator Pins	2	Carbon Steel
18	Bolt	4	Carbon Steel
19	Indicator Plate	1	Cast Iron
20	Cover	1	Cast Iron
21	Housing	1	Cast Iron
22	O-Ring	2	Rubber
27	Worm Gear	1	Ductile Iron
28	Spur Gear	1	Carbon Steel
30	Bearing	1	Cu-Base Alloy
31	Bolt	4	Carbon Steel
32	Seal Cover	1	Rubber
33	Handwheel	1	Carbon Steel
34	2" SQ. Operating Unit	1	Carbon Steel
35	Stopscrew	2	Carbon Steel
36	Hex Nut	2	Carbon Steel
37	Lockwasher	2	Carbon Steel
38	Locking Device	1	Steel + ZP [*]

**QUICK REFERENCE**

Unit Type	Approximate Weight in KG W/O Wheel	Maximum Output Torque NM	Input Torque NM	Unit Ratio	Maximum Bore Size Square Keyway	Maximum Bore Size Rectangular Keyway	Minimum Bore Size MM	Mounting ISO
WG308	93	9800	150	275:1	95.25mm WITH 29.02mm x 29.02mm KEYWAY	101.6mm WITH 25.4mm x 19.05mm KEYWAY	57.15mm	F25

^{*} Other drillings on request**QTY: 26**

WG408 WORM GEAR OPERATOR



PARTS AND BILL OF MATERIALS

No	Part Name	Qty	Material
1	Slotted Spring Pin	1	Carbon Steel
3	Spur Gear Cover	1	Cast Iron
5	Input Shaft	1	AISI 1045 + ENP
6	Spur Gear Housing	1	Cast Iron
9	Bolt	4	Carbon Steel
10	Bearing	1	Cu-Base Alloy
11	Thrust Bearing	1	Commercial
12	Worm	1	AISI 1045
15	Sealing Block	1	Carbon Steel
17	Locator Pins	2	Carbon Steel
18	Bolt	4	Carbon Steel
19	Indicator Plate	1	Cast Iron
20	Cover	1	Cast Iron
21	Housing	1	Cast Iron
22	O-Ring	2	Rubber
27	Worm Gear	1	Ductile Iron
28	Spur Gear	1	Carbon Steel
30	Bearing	1	Cu-Base Alloy
31	Bolt	4	Carbon Steel
32	Seal Cover	1	Rubber
33	Handwheel	1	Carbon Steel
34	2" Sq. Operating Unit	1	Carbon Steel
35	Stopcrew	2	Carbon Steel
36	Hex Nut	2	Carbon Steel
37	Lockwasher	2	Carbon Steel
38	Locking Device	1	Steel + ZP

QUICK REFERENCE

Unit Type	Approximate Weight in KG W/O Wheel	Maximum Output Torque NM	Input Torque NM	Unit Ratio	Maximum Bore Size		Minimum Bore Size MM	Mounting ISO
					Square Keyway	Rectangular Keyway		
WG408	207	32000	190	700:1	143mm WITH 38.1mm x 38.1mm KEYWAY	155.45mm WITH 38.1mm x 25.4mm KEYWAY	74.93mm	F35

* Other drillings on request

QTY: 2