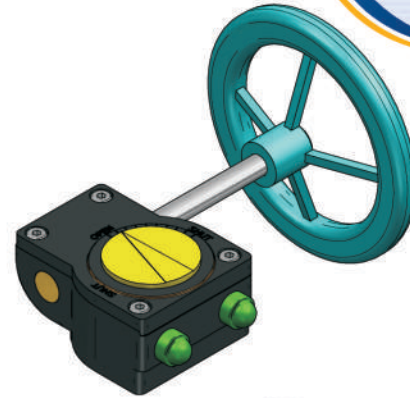


Gear Box Model : AEA 18 / AEA 20

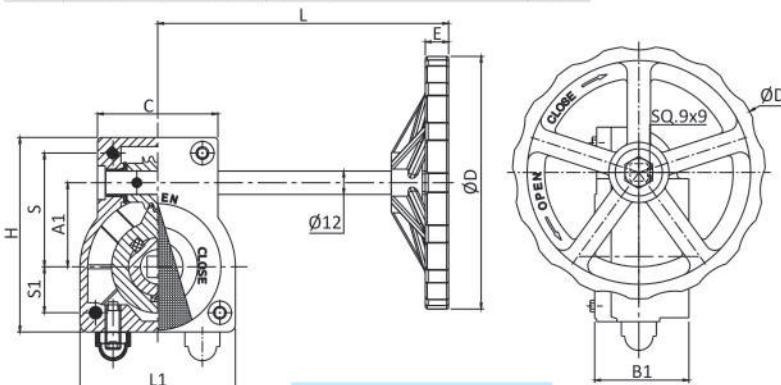
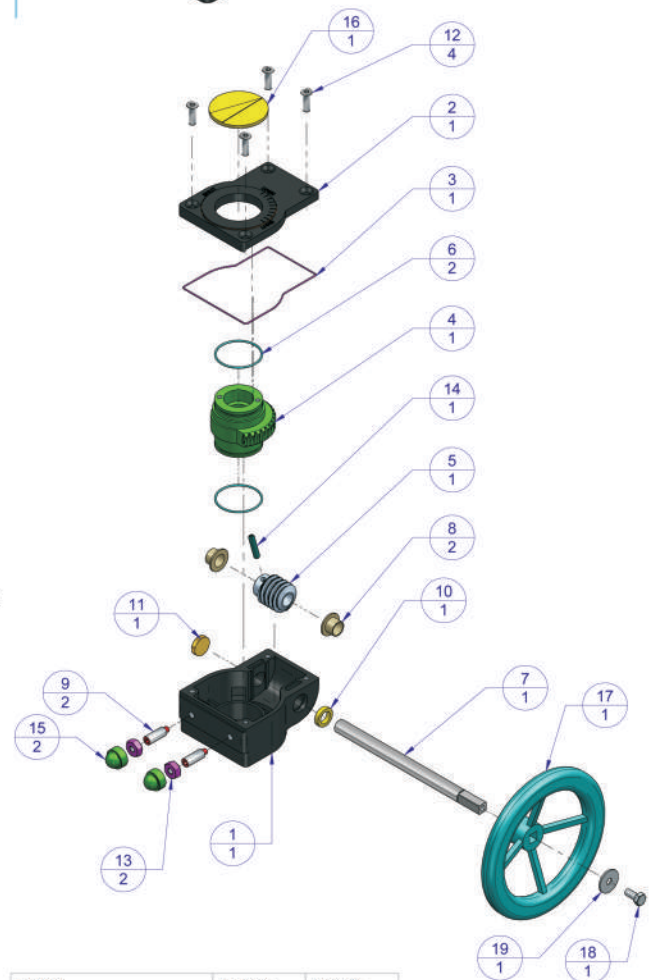
Specification

Enclosure : Weatherproof (IP 65) (IP 67 & IP 68 - Optional)
 Lubrication : NLGI - 2
 Indicator : Plastic Yellow
 Paint : Powder Coated
 Travel : 0 - 90° ±5° Travel
 Shaft Position : As Shown
 Hardware : S. S.
 Hand Wheel : AEA 18 - Ø130 / AEA 20 - Ø224

Chain Pully On Request.



No.	Description	Material	Qty.
1	G. B. Housing	Allu. Alloy ALsi - 132	01
2	G. B. Cover	Allu. Alloy ALsi - 132	01
3	Body Cover 'O' Ring	Nitrile Buna - N Gr. 80	01
4	Worm Gear	ASTM A 536 Gr. 65-45-12 (Ductile Iron) S. G. Iron	01
5	Worm	BS-970-90. EN-8, (080M40)	01
6	'O' Ring Worm Gear	Nitrile Buna - N Gr. 80	02
7	Shaft	BS 970-90, EN 8, (080M40)	01
8	Shaft Coller	BS 970-90, EN 8, (080M40)	02
9	Adjustable Bolt	S. S. 202	02
10	Packing Ring	Nitrile Buna - N Gr. 80	01
11	Packing Bush	Nitrile Buna - N Gr. 80	01
12	Cover Bolt	S. S. 202	04
13	Adjustable Nut	S. S. 202	02
14	Dowel Pin	Spring Steel	01
15	Cap	Nitrile Buna - N Gr. 80	02
16	Indicator	ABS Resin	01
17	Hand Wheel	Allu. / MS Fabricated	01
18	Hand Wheel Bolt	S. S. 202	01
19	Hand Wheel Washer	S. S. 202	01



AEA - 18		AEA - 20	
A	B	A	B
SQ. 9 X 9	12.7	SQ. 8 X 8	11.3
SQ. 11 X 11	15.6	SQ. 9 X 9	12.4
SQ. 14 X 14	19.8	SQ. 11 X 11	15.3
		SQ. 14 X 14	19.6
		SQ. 17 X 17	23.6

Model	AEA 18	AEA 20
Ratio	40 : 1	37 : 1
Rated Output Torque (Nm)	180	300
ISO Flange	F05, F07	F07, F10

Dimensions :

(All Dimensions are in mm)

Valve Model	L	L1	H	ØD	S	S1	C	B1	A1	E	*Weight
AEA - 18	150	80	100	130	58.5	24	82	48.5	43	12	1.100
AEA - 20	178	100	115	224	62	33	85	54	50	14	2.100

*Without Hand Wheel Weight

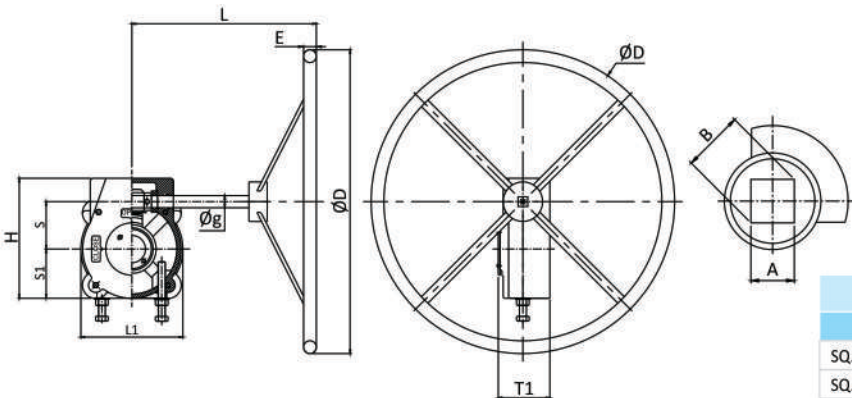
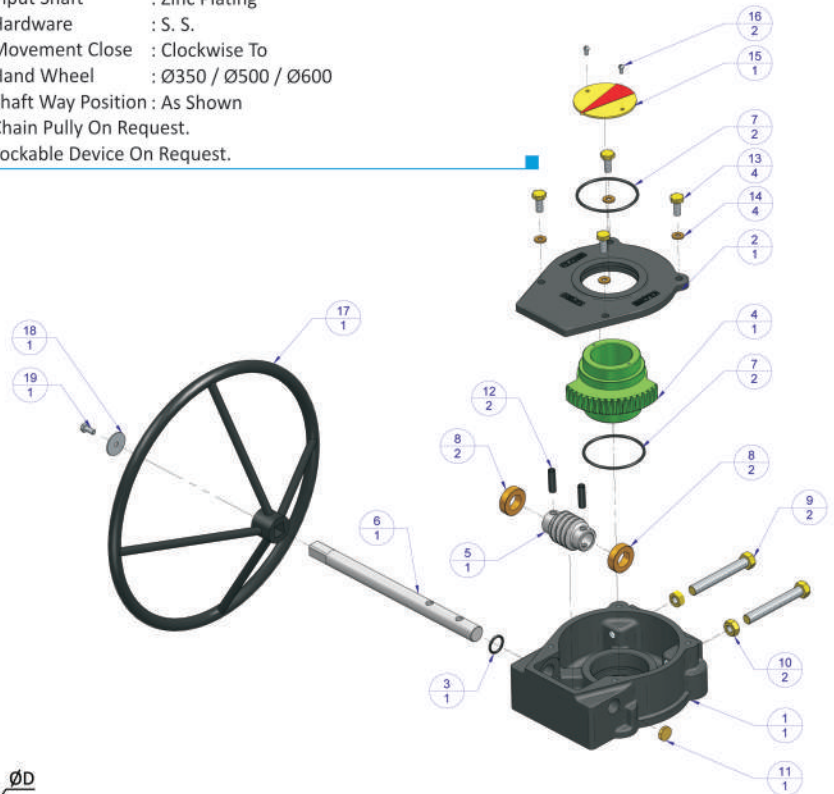


Gear Box : AEA 30 / AEA 50 / AEA 70

Specification

- Enclosure : Weatherproof (IP 65) (IP 67 & IP 68 - Optional)
- Lubrication : NLGI - 2
- Indicator Stopper : Mechanical
- Paint : Powder Coated
- Travel : 90° ±5° Travel
- Shaft Position : As Shown
- Input Shaft : Zinc Plating
- Hardware : S. S.
- Movement Close : Clockwise To
- Hand Wheel : Ø350 / Ø500 / Ø600
- Shaft Way Position : As Shown
- Chain Pully On Request.
- Lockable Device On Request.

No.	Description	Material	Qty.
1	G. B. Housing	Cast Iron (IS 210 Gr. FG 220)	01
2	G. B. Cover	Cast Iron (IS 210 Gr. FG 220)	01
3	'O' Ring For Housing	Nitrile Buna - N Gr. 80	01
4	Worm Gear	ASTM A536 Gr 65-45-12 (Ductile Iron) S.G. Iron	01
5	Worm	BS-970-90. EN-8, (080M40)	01
6	Shaft	BS 970-90, EN 8, (080M40)	01
7	'O' Ring For Housing & Cover	Nitrile Buna - N Gr. 80	02
8	Brass Bush	Brass	02
9	Adjustable Bolt	BS 970-90, EN 8, (080M40)	02
10	Adjustable Nut	BS 970-90, EN 8, (080M40)	02
11	Packing Bush	Nitrile Buna - N Gr. 80	01
12	Dowel Pin	BS 970-90, EN 8, (080M40)	02
13	Hex Bolt	BS 970-90, EN 8, (080M40)	04
14	Hex Bolt Washer	BS 970-90, EN 8, (080M40)	04
15	Indicator	BS 970-90, EN 8, (080M40)	01
16	Indicator Bolt	BS 970-90, EN 8, (080M40)	02
17	Hand Wheel	M.S. (Fabricated)	01
18	Hand Wheel Bolt	BS 970-90, EN 8, (080M40)	02
19	Hand Wheel Washer	BS 970-90, EN 8, (080M40)	02



Model	AEA 30	AEA 50	AEA 70
Ratio	40 : 1	48 : 1	73 : 1
MA	10	14	20
Rated Output Torque (Nm)	700	1500	3500
ISO Flange	F07, F10, F12	F10, F12, F14, F16	F14, F16, F25
MAX Drive Bore	Ø32	Ø50	Ø60

AEA - 30		AEA - 50		AEA - 70	
A	B	A	B	A	B
SQ. 22 X 22	30.7	SQ. 36 X 36	49	SQ. 46 X 46	64
SQ. 27 X 27	37			SQ. 36 X 36	49

Dimensions :

(All Dimensions are in mm)

Valve Model	L	L1	H	ØD	Øg	S	S1	E	T1	*Weight
AEA - 30	288	128	162	350	20	67.5	64	15	76	6.400
AEA - 50	330	172	198	500	20	78	81.5	21	86	11.300
AEA - 70	400	253	284	600	25	131.5	104	21	119	30.400

*Without Hand Wheel Weight