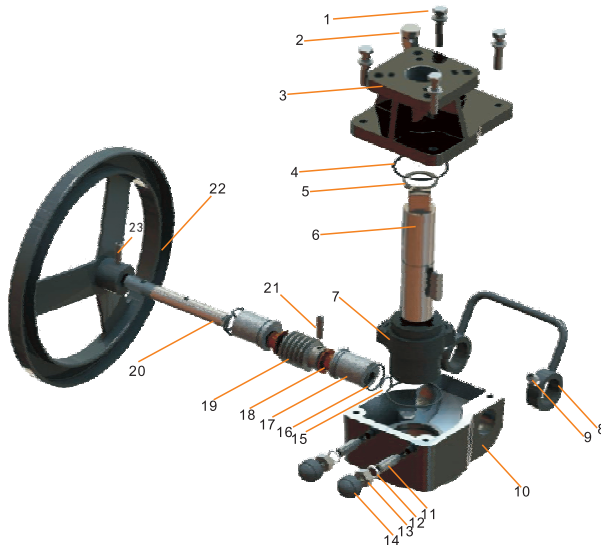
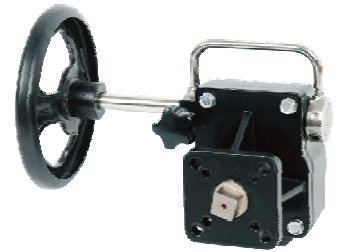


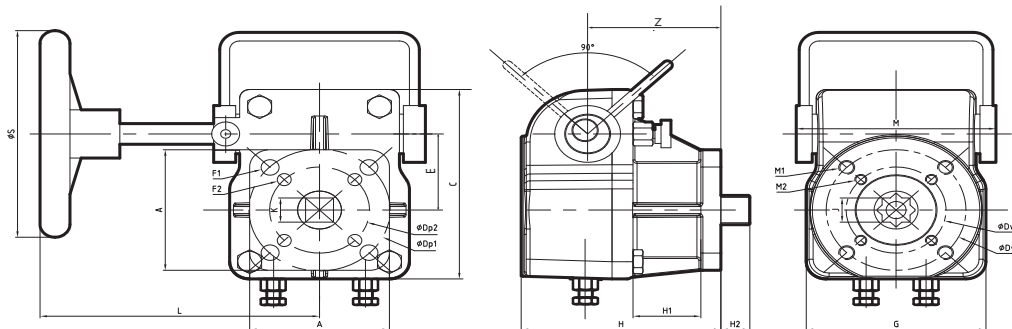
Declutchable Gear Box(with Hand Wheel)

Declutchable gear box is designed to match with pneumatic butterfly valve, ball valve, plug valve, etc. It can be used to manually open or close the valve in emergency situations such as air or power failure. It is also used for manual operation during the commissioning phase of pneumatic valves.

- ISO5211 direct installation, there is no need of bracket between actuator, gear box and valve, easy to assemble.
- Compact structure, and the body is made of aluminum alloy and is very lightweight.
- Easy to switch between pneumatic and manual operation.
- Lubricating grease applied before delivery.
- Enclosure class IP65.



No.	Part Name	Qty.	Material
1	Bolt	4	Stainless Steel
2	Limit Stop Assembly	1	Stainless Steel
3	Bracket Cover	1	Aluminum Alloy
4	O-Ring	2	NBR (Nitrile Rubber)
5	Circlip	2	Carbon Steel, Black Oxide
6	Connecting Shaft	1	45# Carbon Steel
7	Worm Wheel	1	Ductile Iron
8	Operating Lever	1	Stainless Steel
9	Set Screw	1	Stainless Steel
10	Housing / Body	1	Aluminum Alloy
11	Adjusting Bolt	2	Carbon Steel, Black Oxide
12	Adjusting Bolt Washer	2	Carbon Steel, Zinc Plated
13	Adjusting Nut	2	Carbon Steel, Zinc Plated
14	Adjusting Nut Boot	2	NBR (Nitrile Rubber)
15	O-Ring	2	NBR (Nitrile Rubber)
16	O-Ring	2	NBR (Nitrile Rubber)
17	Eccentric Shaft	2	Carbon Steel, Nickel Plated
18	Bearing	2	Powder Metallurgy (Sintered)
19	Worm Shaft	1	45# Carbon Steel
20	Drive Shaft	1	45# CS / Stainless Steel
21	Pin	1	Carbon Steel, Black Oxide
22	Handwheel	1	Carbon Steel, Powder Coated
23	Pin	1	Carbon Steel, Black Oxide



Model	Output Torque (Nm)(Max)	A	C	E	Z	Dp1	F1	Dp2	F2	Dv1	M1	Dv2	M2	JxDeep	K	H2	G	H	H1	L	M	ØS	Wt (kg)	Material
DG050	270	72	110	50	70	70	9	50	7	70	4-M8×12	50	4-M6×10	11×12	11	11	90	105	44	150	102	180	2.6	Aluminum alloy
														14×16	14	14								
														17×19	17	17								
DG070	370	94	132	55	68	102	11	70	9	102	4-M10×15	70	4-M8×12	14×16	14	14	125	107	44	170	126	200	4.0	Aluminum alloy
														17×19	17	17								
														19	19	19								
DG102	620	115	160	82	88	125	14	102	11	125	4-M12×18	102	4-M10×15	22×24	22	22	140	111	56	200	140	280	6.5	Aluminum alloy
														27	27	27								
DG140	1300	130	200	85	107	140	18	125	14	140	4-M16×24	-	-	36×39	36	36	186	166	68	260	184	300	13.0	Aluminum alloy
DG165	2600	156	256	115	165	22	140	18	165	165	4-M20×30	-	-	46×55	46	46	234	172	74	310	230	400	32.00	Ductile iron