



ADR-20

WORM GEAR

GENERAL FEATURES

Ayvaz quarter turn mechanical reducers are suitable for use in general industrial applications, chemical processes, HVAC and irrigation systems. The spherical, butterfly and plug valves provide 80% ease of movement in 90 ° rotation systems.

It is recommended to use a reducer especially for DN 150-DN 300. It is necessary to use a reducer at diameters of DN 350 and above.

Ayvaz features quarter-turn mechanical gearboxes, 5% stroke adjustment, open-closed position indicator, waterproof gasket design, epoxy painted body and dialing flywheel.

Materials:

Body: Epoxy coated Ductile Iron

Connection:

ISO 5211

Temperature Range:

Depend on material from -20 °C to +70 °C

Applications:

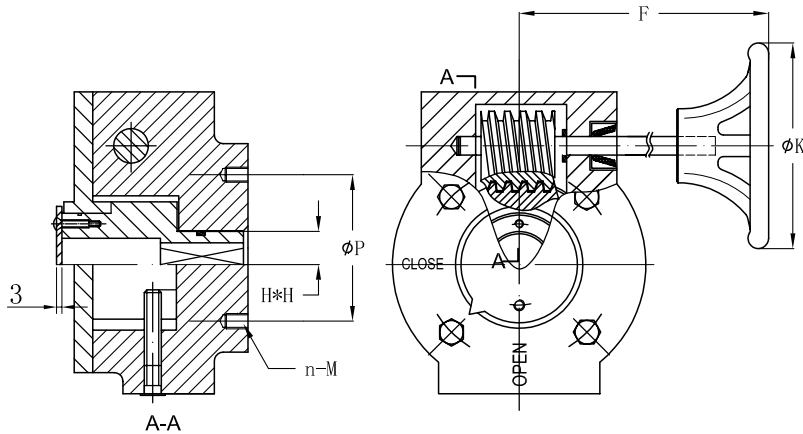
- Butterfly valve
- Ball Valve
- Knife Valve

PRODUCT FEATURES

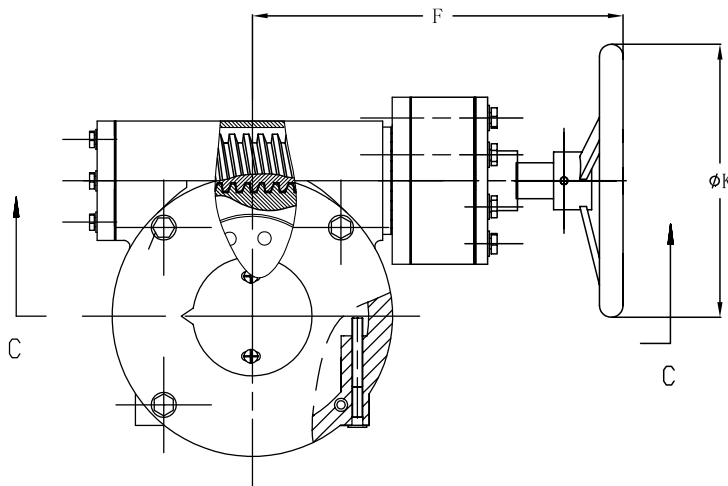
Body	Epoxy coated Ductile Iron
Connection	ISO 5211
Connection Temp.	-20/+70 °C
Diameter	DN25 - DN1200

ADR-20 WORM GEAR

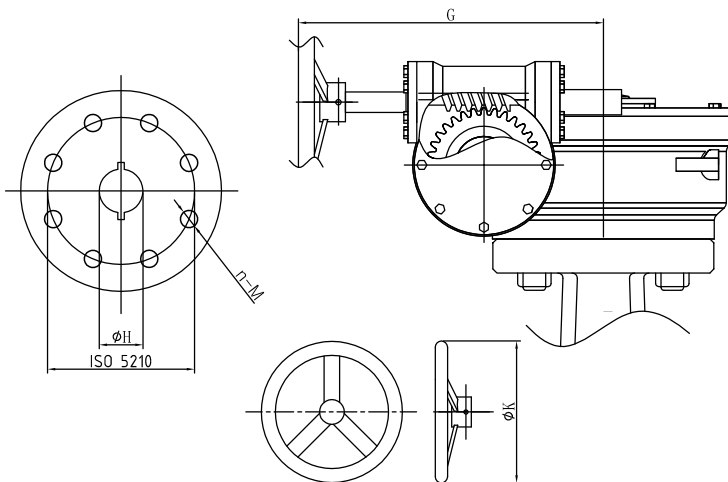
DN25-DN450 TECHNICAL SPECIFICATION



DN500-DN600 TECHNICAL SPECIFICATION



DN700-DN1200 TECHNICAL SPECIFICATION



DIMENSIONS							
DN	F +3	ØK +2	ØP +1	n-Ød	H*H	Inlet Torque	Outlet Torque
25	156	150	50	4xM6	7*7	18	170
32	156	150	50	4xM6	7*7	18	170
40	156	150	50	4xM6	9*9	18	170
50	156	150	50	4xM6	9*9	18	170
65	156	150	50	4xM6	9*9	18	170
80	156	150	50	4xM6	9*9	18	170
100	156	150	50	4xM6	11*11	18	170
125	156	150	70	4xM8	14*14	18	170
150	156	150	70	4xM8	14*14	18	170
200	241	300	102	4xM10	17*17	58	700
250	223	300	125	4xM12	22*22	58	700
300	223	300	125	4xM12	27*27	60	1200
350	223	300	125	4xM12	27*27	60	1200
400	270	400	125	4xM12	27*27	78	2500
450	270	400	165	4xM18	30*30	78	2500

DIMENSIONS							
DN	F +3	ØK +2	ØP +1	nxM	H*H	Inlet Torque	Outlet Torque
500	339	300	165	4xM18	36*36	30	2500
600	339	300	165	4xM20	46*46	45	4000

DIMENSIONS							
DN	G +3	ØK +2	ISO 5210 +1	n-M	ØH	Inlet Torque	Outlet Torque
700	243	400	F25	8-18	63.4	95	8000
800	243	400	F25	8-18	63.4	95	8000
900	278	450	F25	8-18	75	178	15000
1000	278	450	F25	8-18	85	178	15000
1200	458	450	F30	8-22	8-22	260	25000



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