Welcome to HEARKEN --- Actuators and Controls

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BROCHURE

Here We Gan

The Trusted, Passionate and focused Partner in Valve Automation

At HEARKEN FLOW,The founding principle of Hearkenflow is simple: to Listen our customers needs first, to develop the innovative valve actuators solutions, to meet the unique needs of our customers, Along the way, To help our customers to solve the problems in Valve Automation. We are growing our brand in Pneumatic and Electric Actuators, Accessories...



Experienced team



Large inventory



Convenient consultation











WHY WE ARE DIFFERENT

We offer a complete valve automation solution by the applications experience and customization capabilites, with an experienced support team to guide you in selection, installation, and project support.In addition we maintain an extensive supply of product inventory on hand so that we can quickly fulfill orders and reduce wait times. Our sales and support staff are readily available and accessible so that customers get the answers they need quickly.

THE TARGET WE ARE PURSUING







High-quality

low cost

Reliable solution

- To built A strong Reputation in Providing Quality, Cost Effective, Reliable And Robust Performance Solutions for Valve Automation,
- Inclued Pneumatic Actuators, Electrically Actuators, Actuated Valves.



COMMITMENT TO QUALITY

At HEARKEN FLOW means performance, All products manufactured by HEARKEN FLOW are warranted against defects in material and workmanship for a period of 18months from the day of startup. Each of our products are tested at the factory. we are confident that our products meet or exceed all applicable standards before they ever leave our facility. We are an ISO 9001-2008 certified company. Our Valve Actuators Has Applied for SIL3 Certificate, ATEX Certificate ,CE,Explosion-proof Certificate, IP68 Weather proof etc....



HEA(M) Series Electric Actuator

— Multi Turn Design

Description

HEA(M) Series Multi-Turn Electric Actuator is used for controlling 0~ degree.Rotation valves and other similar products, such as butterfly valve, ball valve, damper, flapper valve, cock valve etc...It widely applies to petroleum, chemical, water treatment, shipping, peper, making, power plant and other industries.

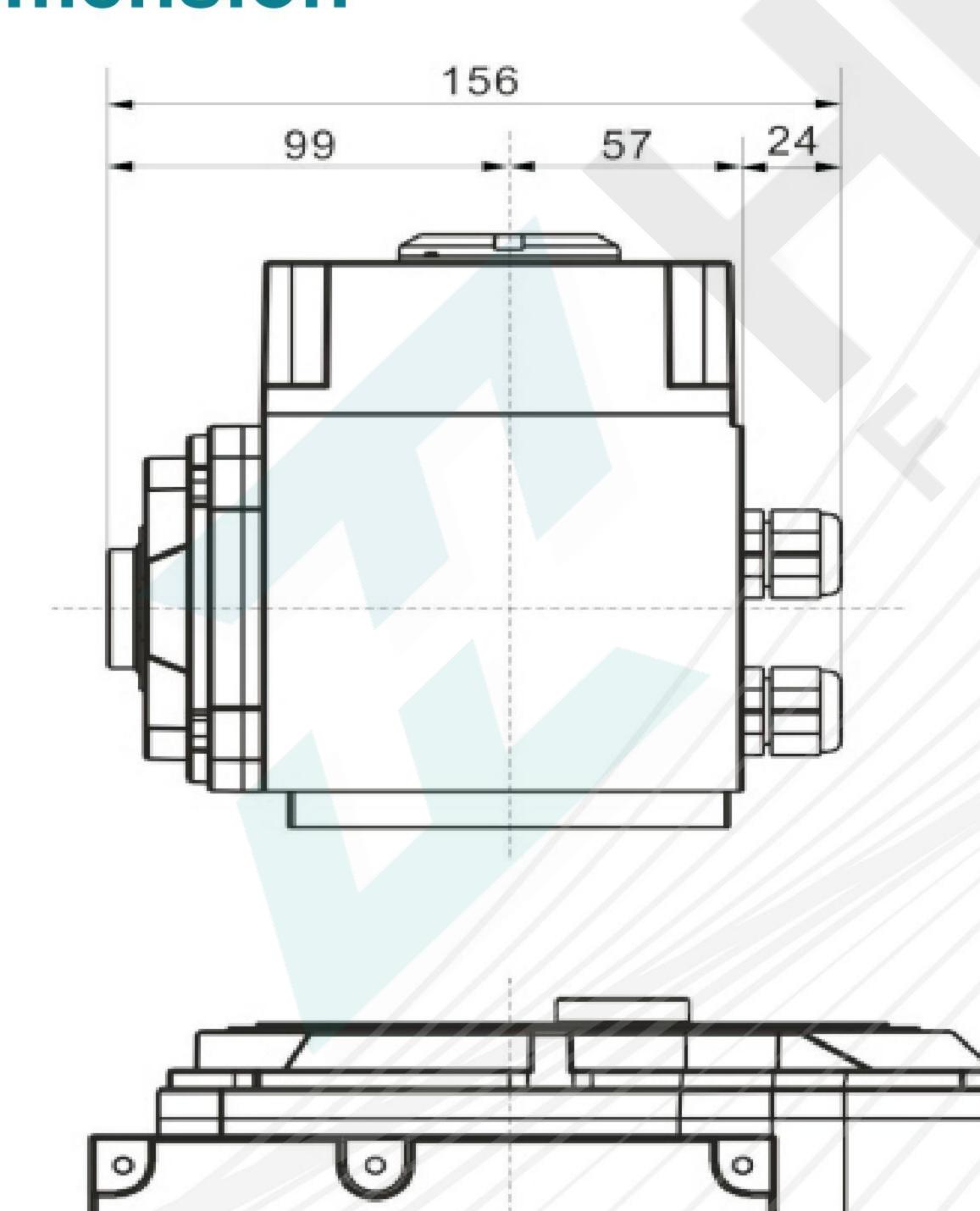
Drived by 380V/220V/110VAC OR 24V/110VDC Power, Inputs 4~20mA Or 0~10VDC control signal, Moves valve to the right position, and achieve to automatic control. The Maximum output toque is 300 N.m

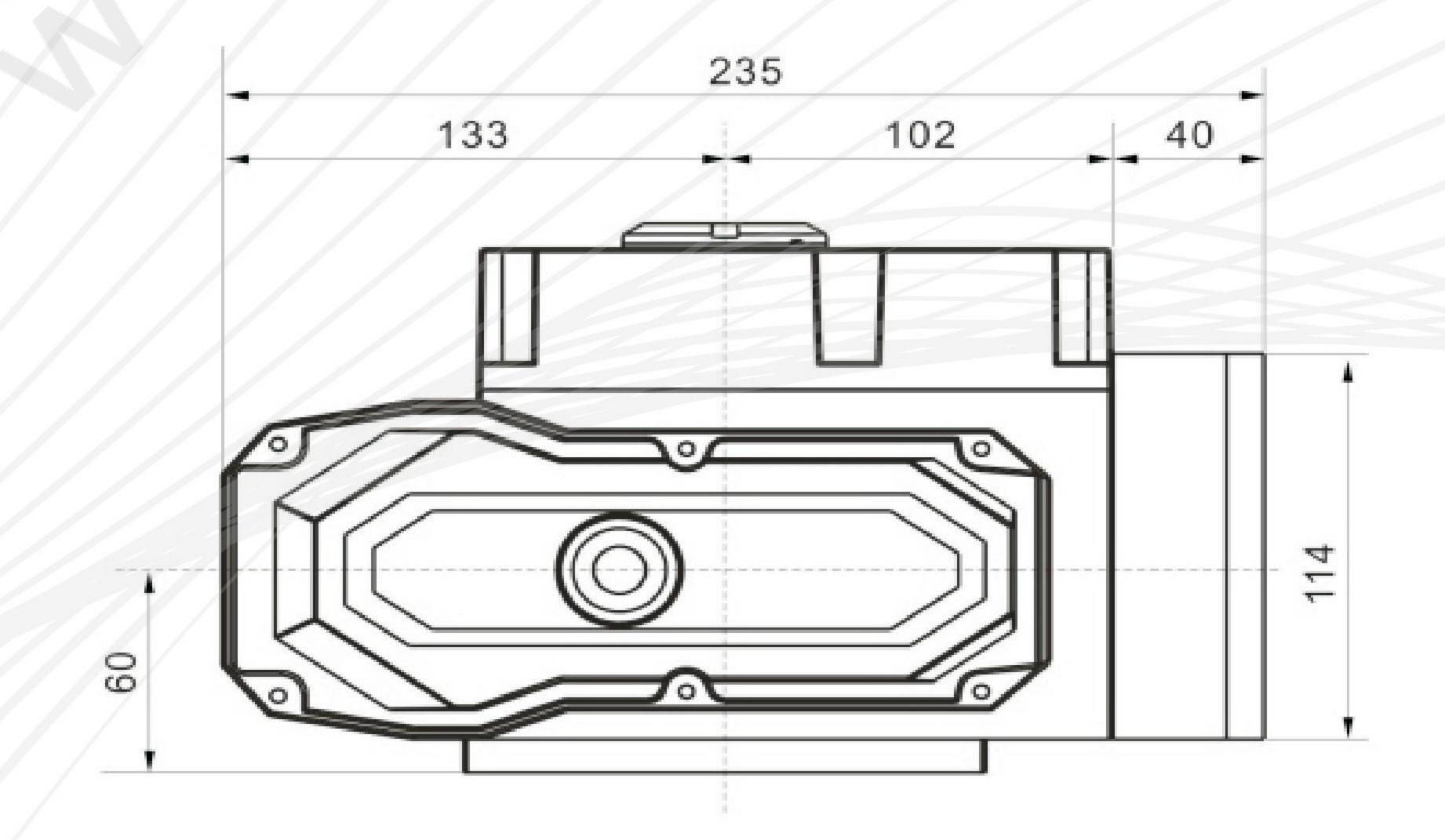


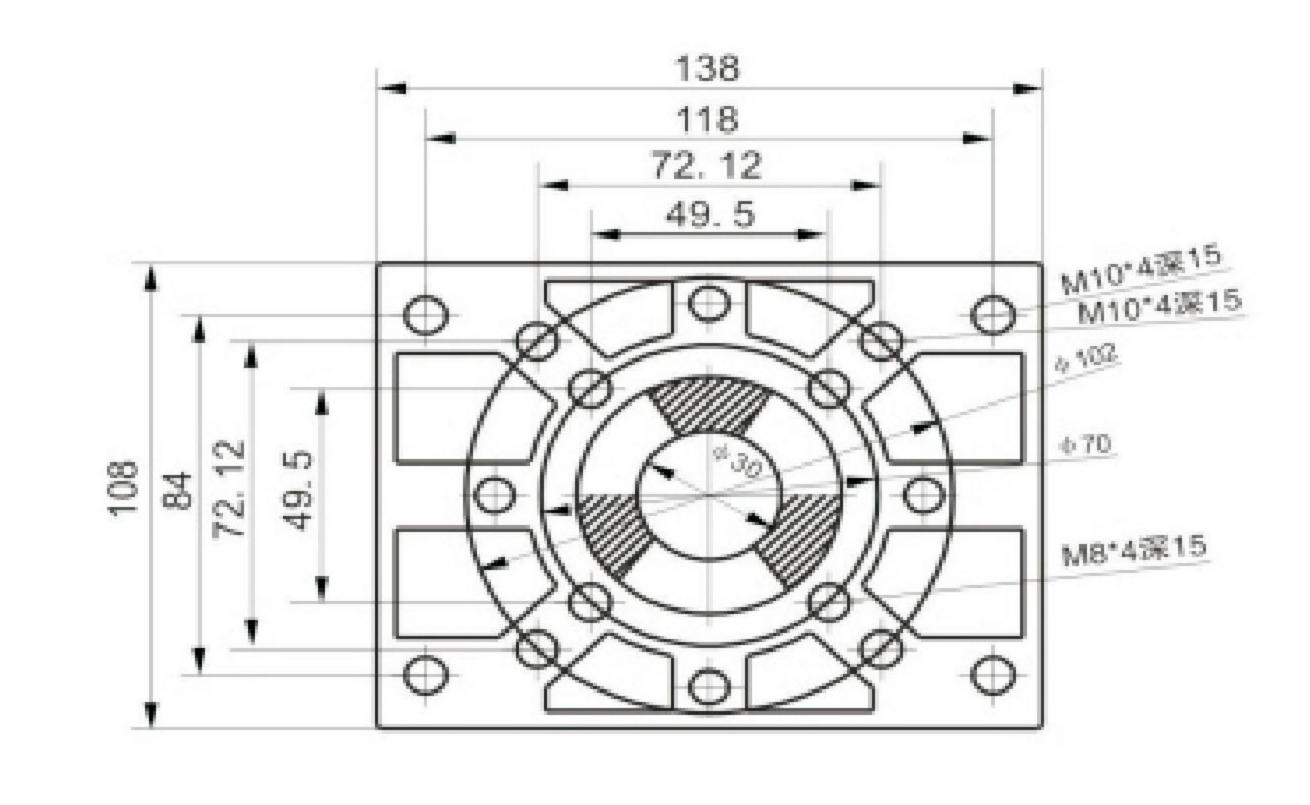
Technical Datas:

Model	HEA005M	HEA010M	HEA020M	HEA030M			
IVIOGEI		AC/DC24、AC/DC110、	AC/DC220V、AC/DC380V				
Motor Power (KW)	0.1		0.25				
Torque (N.m)	50	100	200	300			
Output Speed (r/min)	5	18/24	16	8			
Available Control Circuit		On-off (A 220V; W	380V)、Intelligent Z;				
Max. Stem Diameter(mm)	25	5/50	26/	140			
Flange ISO	F	10	F10				
DN40(17x17 19x19 mm 102)	DN50~100 (17x17 19x	19 22x22 mm 102 125)	DN125~200~300 (19x19 22x22 27x27mm 102 125)				
Turning Cycles	5	50	5	50			
Weight (Kg)		10	1	5			
Withstand Voltage Class		1500VA	C / minute				
Insulating Resistance		100ΜΩ	2/500VDC				
Protection Class			P67				
Ambient Temperature	-28°C~+60°C (Other temperatures can be customized)						
Installtion Angle	360°C at any angle						
Shaft Body Material		Aluminium al	loy die-castings				
DUTY		Short 10 minutes (30 n	ninutes for special order)				

HEA005M Dimension

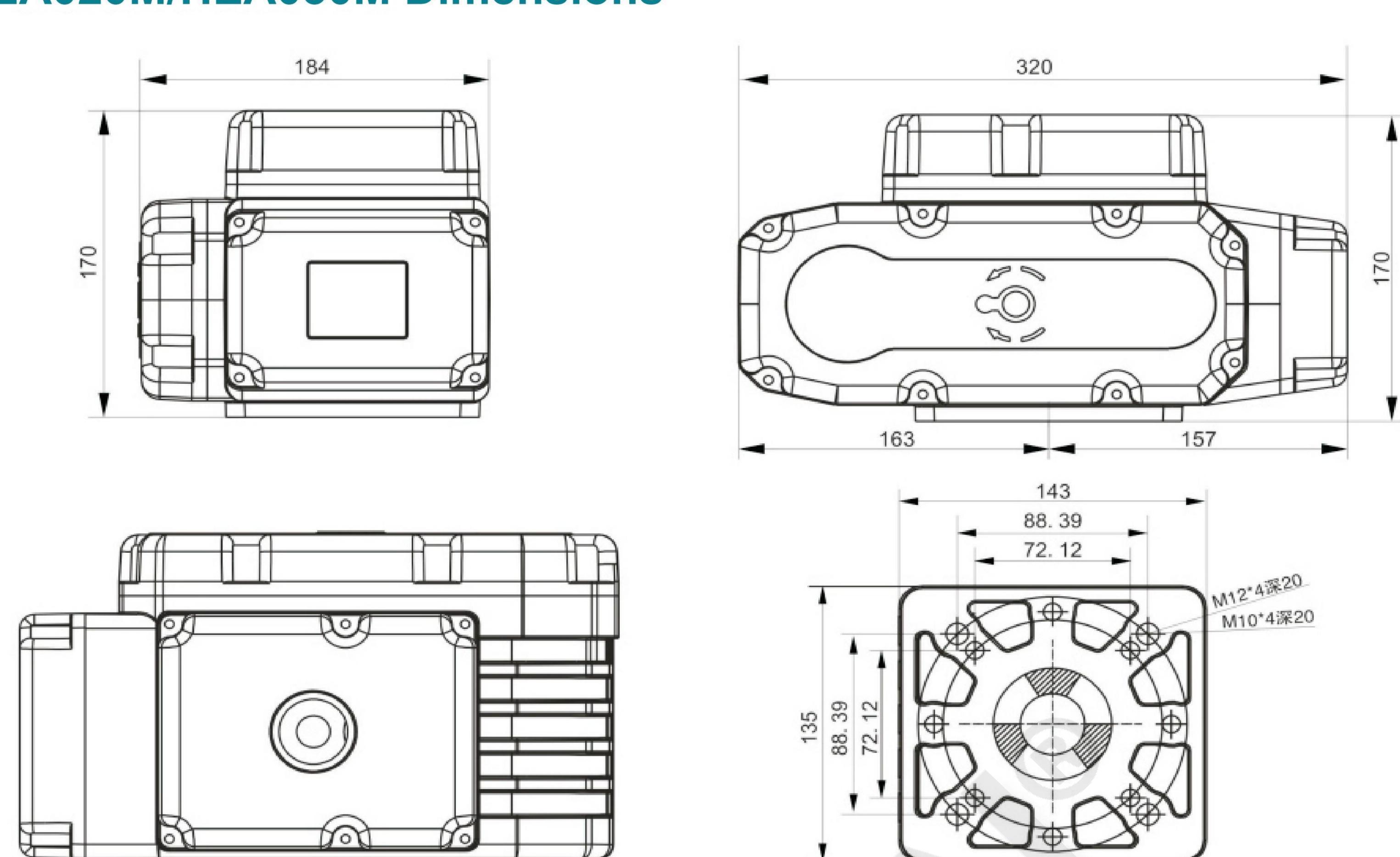








HEA010M/HEA020M/HEA030M Dimensions



Electric Actuator and Gate Valve Selection Configuration Table

Bore Torque	15	20	25	32	40	50	65	80	100	125	150	200	250
2.5	5	5	5	5	5	5	5	5	10	10	15	15	20
6	5	5	5	5	5	5	5	10	15	15	20	20	20
10	5	5	5	5	5	10	10	10	15	15	20	20	20
16	5	5	5	5	5	10	10	15	20	20	30	30	30
25	5	5	5	5	5	10	10	15	20	20	30	30	30
40	5	5	5	5	5	10	10	15	20	20	30	30	45
64	5	5	5	5	10	10	10	20	20	30	60	60	90
100	5	5	5	10	10	15	20	20	30	45	90	90	120
160	5	10	10	15	15	20	20	30	30	60	120	120	
320	10	10	10	15	20	20	45	60	90				

Knife Gate Valve and Valve Selection Configuration Table

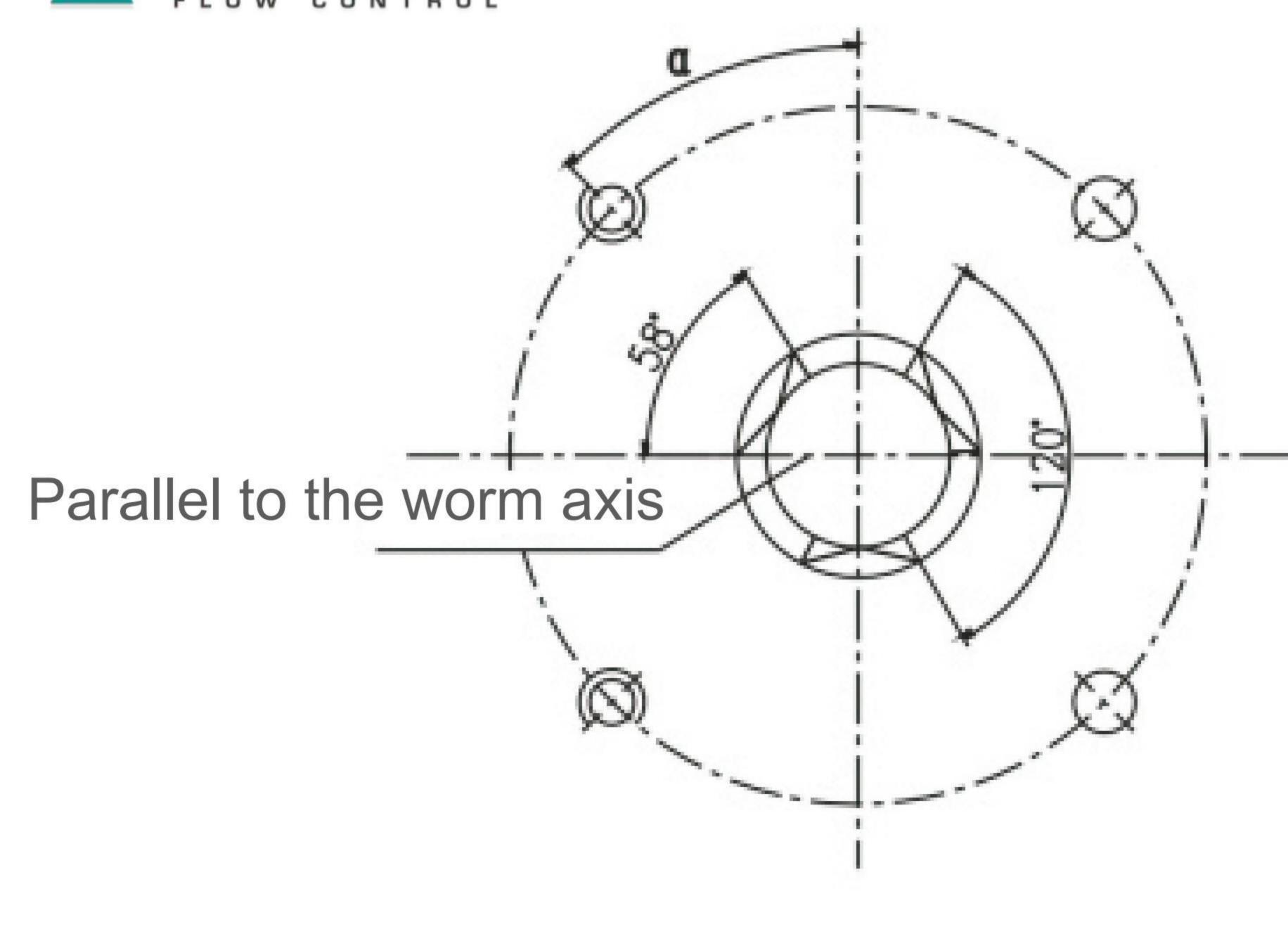
	50	G.E.	00	100	105	150	200	250	200
Bore	50	65	80	100	125	150	200	250	300
Torque	10	10	10	10	10	15	20	20	20

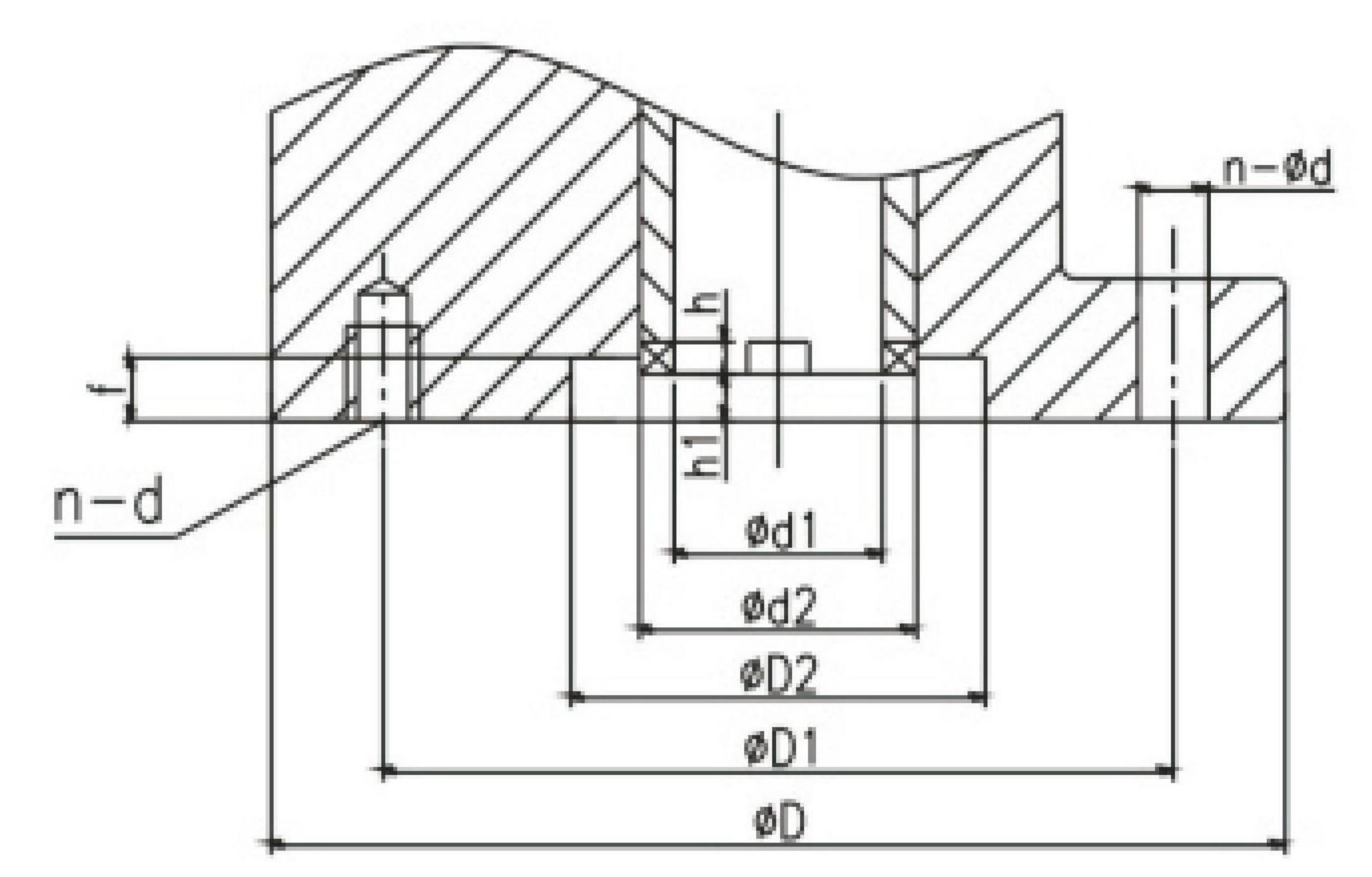
Electric Actuator and Globe Valve Selection Configuration Table

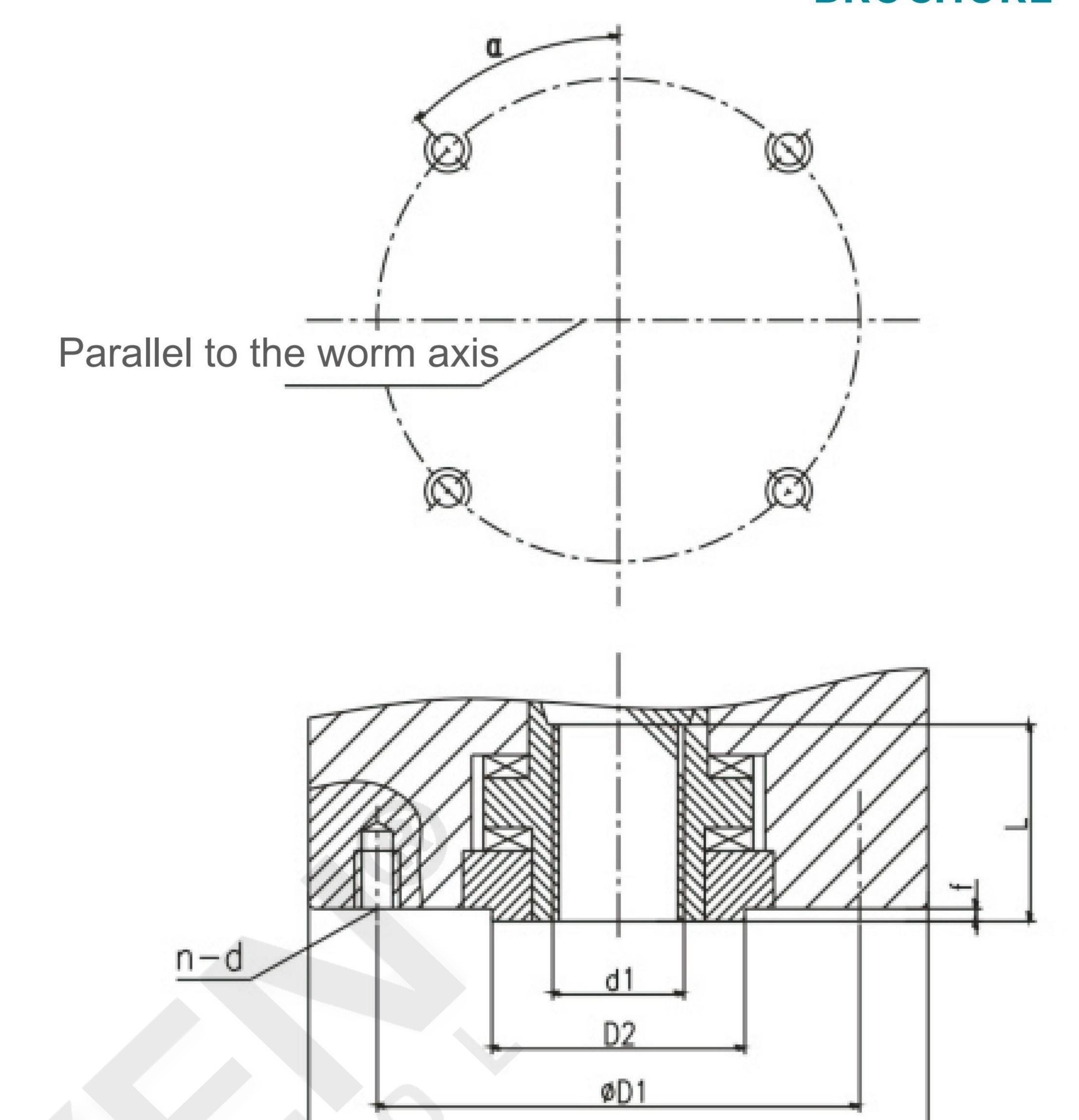
	15	20	25	32	40	50	65	80	100	125	150	200	250
10	5	5	5	5	5	5	5	10	15	20	30	45	60
16	5	5	5	5	5	5	10	20	20	30	45	60	120
25	5	5	5	5	5	10	10	20	20	30	60	60	180
40	5	5	5	5	5	10	10	2	30	45	120	90	
64	5	5	5	5	10	10	20	30	45	90	180		
100	5	5	5	10	10	20	30	45	60	120			
160	5	10	10	20	30	30	45	90	120	180			
320	5	10	20	30	45	45	90	120	250	500			











Model		Torque type JB2920											
	Flange No.	D	D1	D2 (H9)	h1	f	h	d1	d2	d	n	CX	
HEA005M	21	125	102	0	0	0	8	30	45	M10	4	45°	
HEA010M	2	145	120	90	2	4	8	30	45	M10	4	45°	
HEA020M	21	125	102	0	0	0	8	30	45	M10	4	45°	
HEA030M	2	145	120	90	2	4	8	30	45	M10	4	45°	

Model	Thrust type GB12222										
	Flange No.	D	D1	D2 (f8)	f	d1 max	d		n	α	
HEA005M	F10	125	102	70	0	0	8	30	45	M10	
HEA010M	F10	125	102	70	2	4	8	30	45	M10	
HEA020M	F10	125	102	70	0	0	8	30	45	M10	
HEA030M	F10	125	102	70	2	4	8	30	45	M10	



