

Table 1:

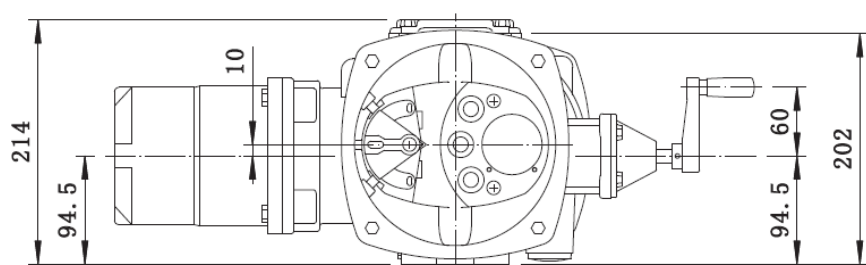
Weight of basic product						
Model	MOE706 MME806	MOE708 MME808	MOE712 MME812	MOE725 MME825	MOE750 MME850	MOE790 MME790
Weight (Kg)	24	24	29	39	41	63

Table 2:

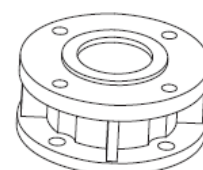
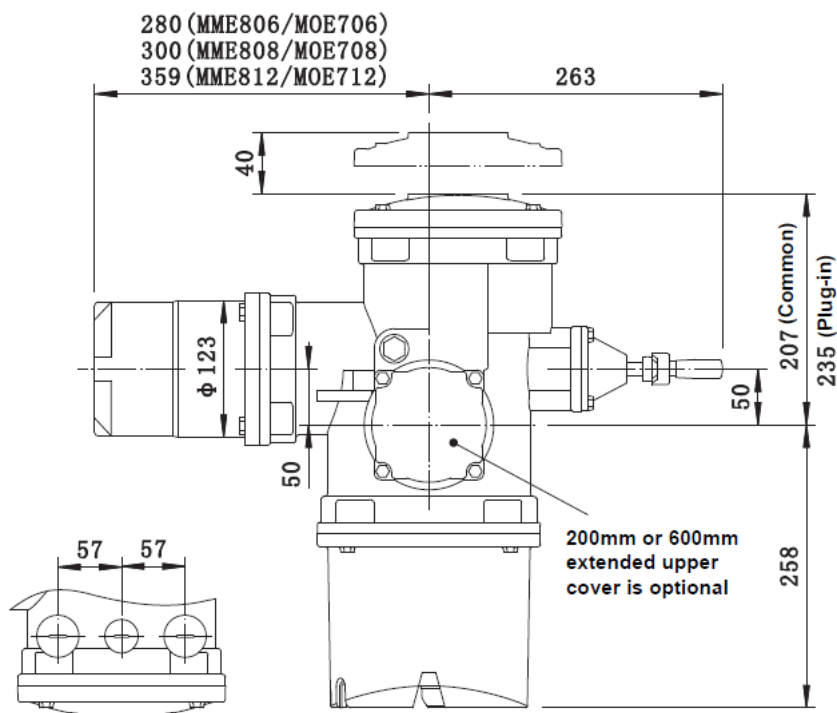
Weight and additional height of PG gearbox				
Model	PG/4 F10 interface	PG/4 F14 interface	PG/5 F10 interface	PG/5 F14 interface
Weight (Kg)	14	22	21	32
Height (mm)	181.5	198	181.5	200.5

Table 3:

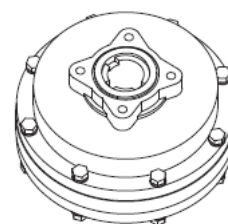
Weight of LE series linear thruster		
LE12.1	LE25.1	LE50.1
50mm stroke: 10kg	50mm stroke: 10kg	63mm stroke: 11kg
100mm stroke: 12kg	100mm stroke: 12kg	100mm stroke: 13kg
200mm stroke: 13kg	200mm stroke: 13kg	250mm stroke: 16kg
400mm stroke: 16kg	400mm stroke: 16kg	400mm stroke: 19kg
500mm stroke: 17kg	500mm stroke: 17kg	
LE70.1	LE100.1	LE200.1
100mm stroke: 25.5kg	100mm stroke: 27kg	100mm stroke: 45kg
160mm stroke: 28.5kg	160mm stroke: 30kg	200mm stroke: 50kg
320mm stroke: 34.5kg	320mm stroke: 36kg	400mm stroke: 62kg
400mm stroke: 37.5kg	400mm stroke: 39kg	500mm stroke: 68kg



MME806 MOE706
MME808 MOE708
MME812 MOE712



A1 output shaft

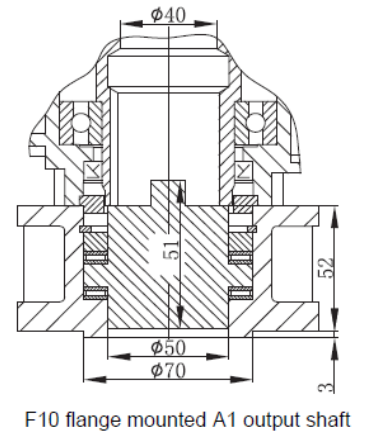
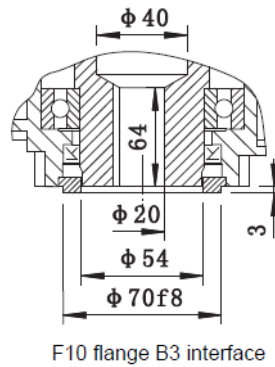
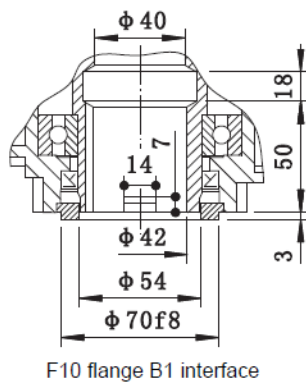
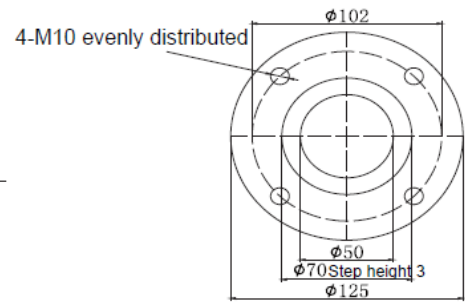
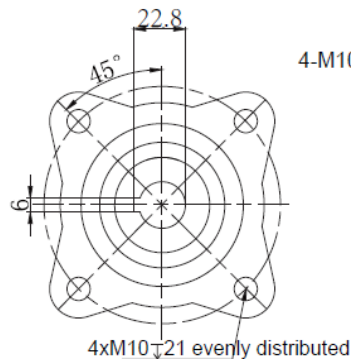
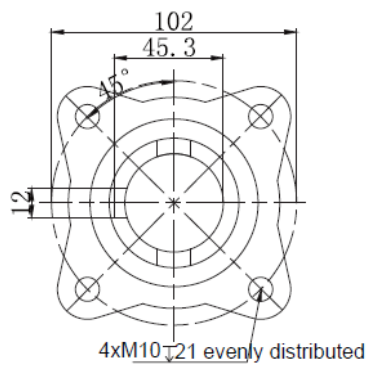


PG multi-turn reduction gearbox

See the following table for interface parameters:

Table 4:

Weight and additional dimensions of PG multi rotary stroke wheel reducer													
Model / Size	A	ØB	ØC	ØD	ØE	ØF	a	b	Øc	d	e	L	Weight (Kg)
PG80/4 F10 interface	14	42	54	70	102	247	4	7	12	2	12	182	14
PG80/4 F14 interface	20	60	76	100	140	300	4	7	18	2	18	200	22
PG80/5 F10 interface	14	42	54	70	102	300	4	7	12	2	12	182	21
PG80/5 F14 interface	20	60	76	100	140	400	4	7	18	2	18	200	32



Equipped with "A" output shaft, actuator can drive valve rod to have a linear motion. All axial force is sustained by "A" output shaft. The following table is the transmission factor for stem trapezoidal thread.

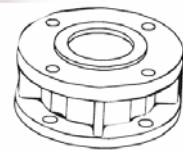
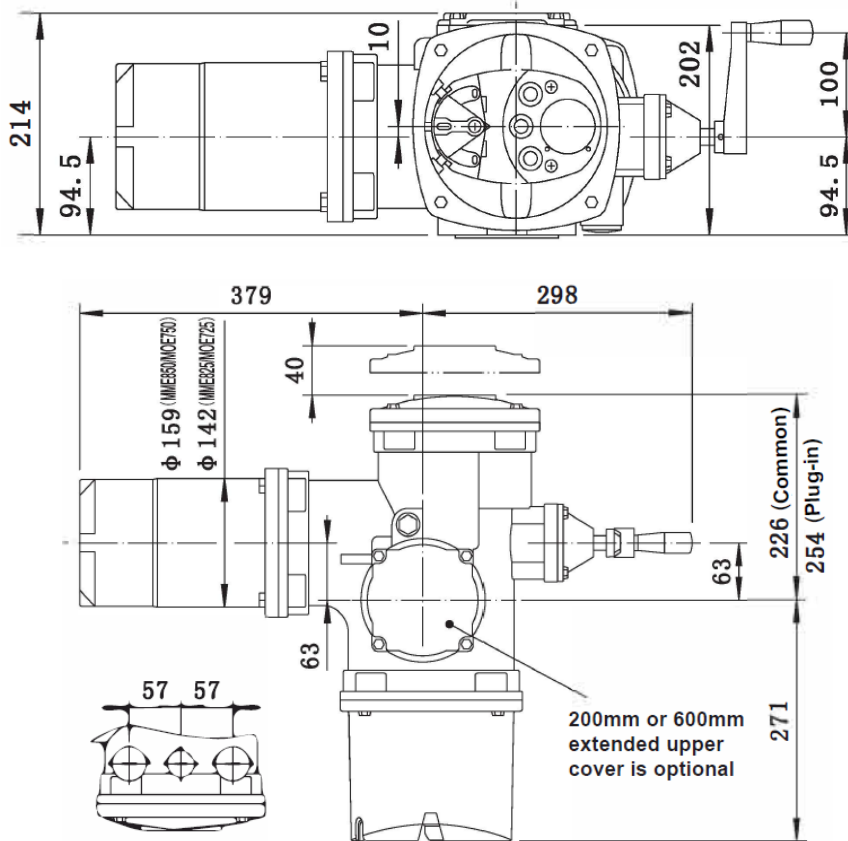


Valve transmission factors (Output torque=Axial forces*Factor)							
Thread size	Factor	Thread size	Factor	Thread size	Factor	Thread size	Factor
Tr18x4	0.00190	Tr32x6	0.00323	Tr46x8	0.00457	Tr70x10	0.00666
Tr20x4	0.00205	Tr34x6	0.00339	Tr48x8	0.00472	Tr75x10	0.00704
Tr22x5	0.00234	Tr36x6	0.00354	Tr50x8	0.00487	Tr80x10	0.00741
Tr24x5	0.00250	Tr38x6	0.00369	Tr52x8	0.00502	Tr85x12	0.00806
Tr26x5	0.00265	Tr40x6	0.00384	Tr55x8	0.00525	Tr90x12	0.00844
Tr28x5	0.00279	Tr42x6	0.00399	Tr60x8	0.00563	Tr95x12	0.00882
Tr30x6	0.00309	Tr44x8	0.00441	Tr65x10	0.00628	Tr100x12	0.00920

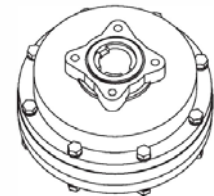
Note: For inside screw non-rising gate valve, factors will be multiplied by 1.5, and the sluice, factors be multiplied by 1.25, to ensure that the thrust 3 times larger than the weight of valve.

The user processes according to the actual connection needs

MME850 MOE750
MME825 MOE725

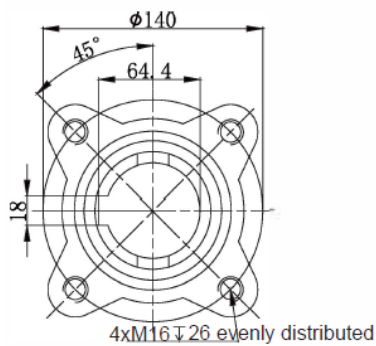


A2 output shaft

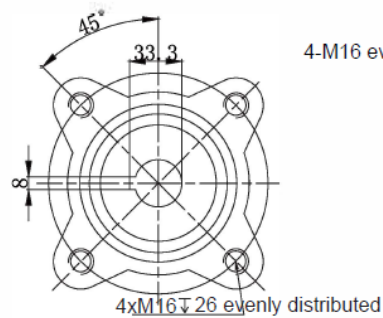


PG multi-turn reduction gearbox

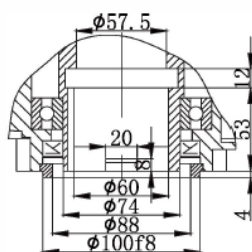
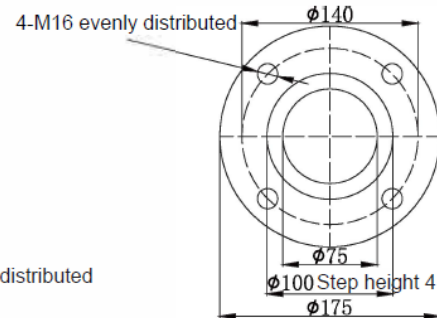
Note: interface parameters please refer to page 2 table 4.



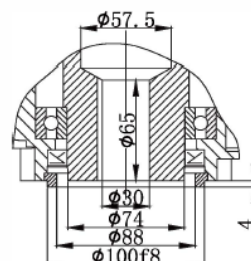
4xM16 ± 26 evenly distributed



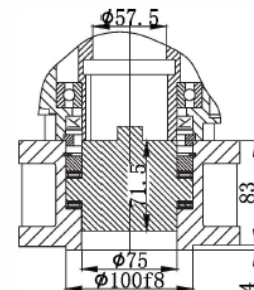
4xM16 ± 26 evenly distributed



F14 flange B1 interface



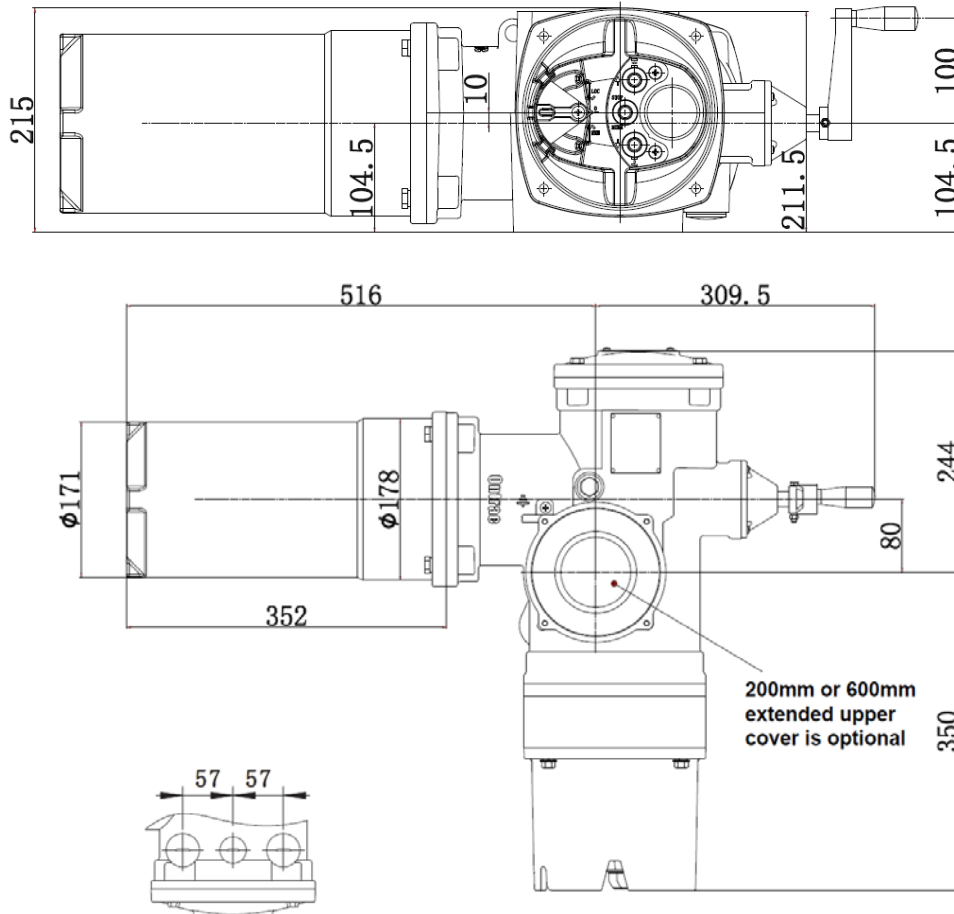
F14 flange B3 interface



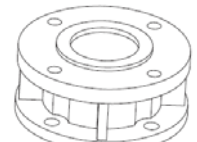
F14 flange mounted A2 output shaft

Note: See page 3 for solid shaft thread machining. The user processes according to the actual connection needs

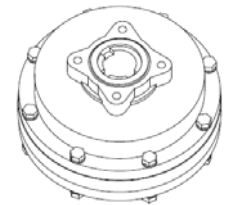
ACK21-01A



MME890
MOE790

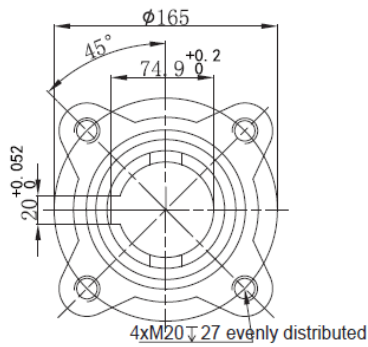


A3 output shaft

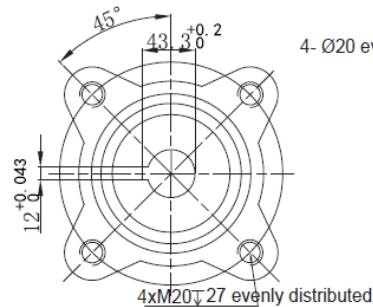


PG multi-turn reduction gearbox

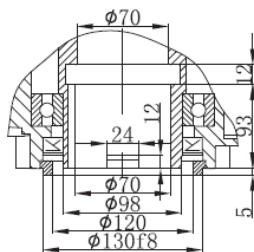
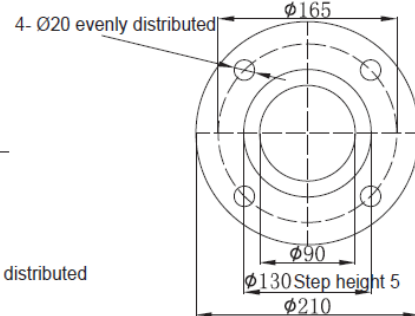
Note: Interface parameters please refer to page 2 table 4.



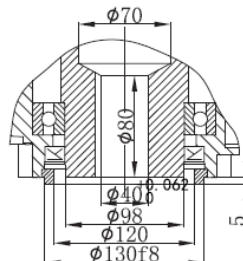
4xM20 ± 27 evenly distributed



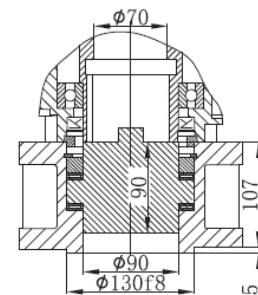
4xM20 ± 27 evenly distributed



F16 flange B1 interface



F16 flange B3 interface

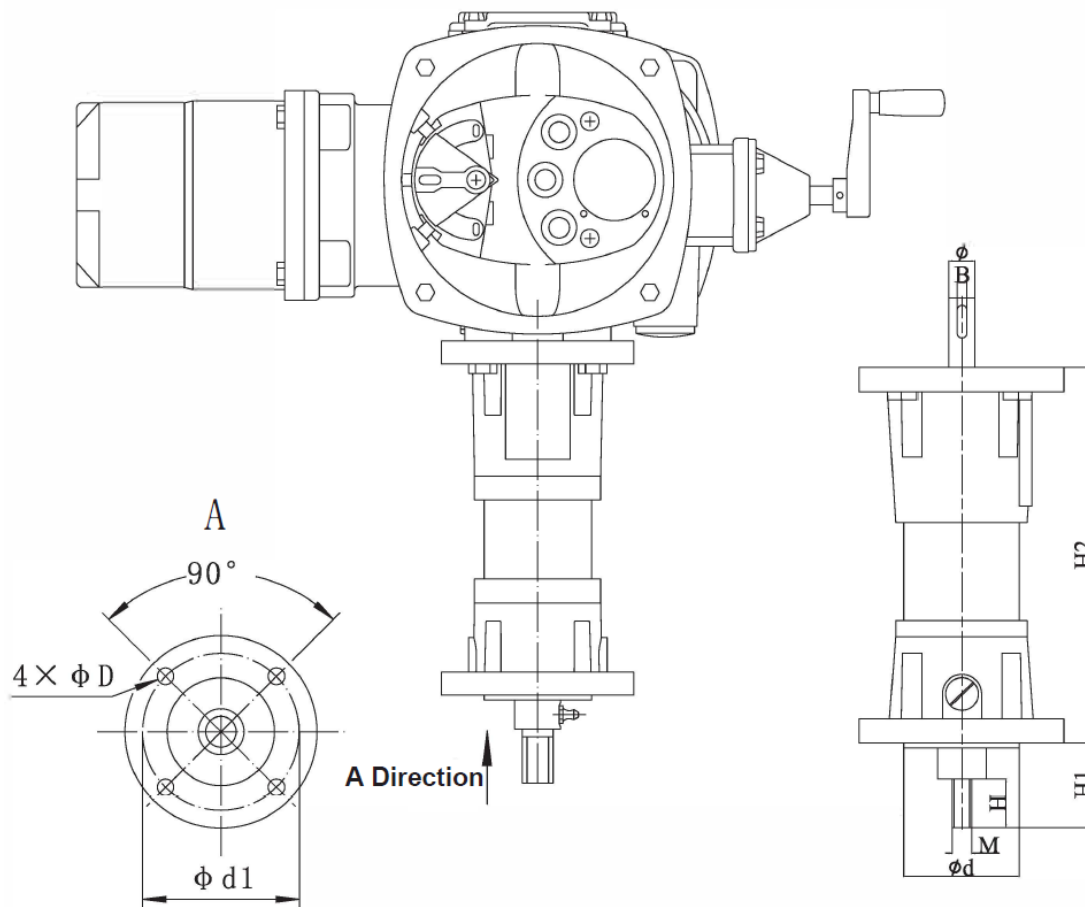


F16 flange mounted A3 output shaft

Note: See page 3 for solid shaft thread machining. The user processes according to the actual connection needs

ACK21-01A

LE Series Linear Thruster

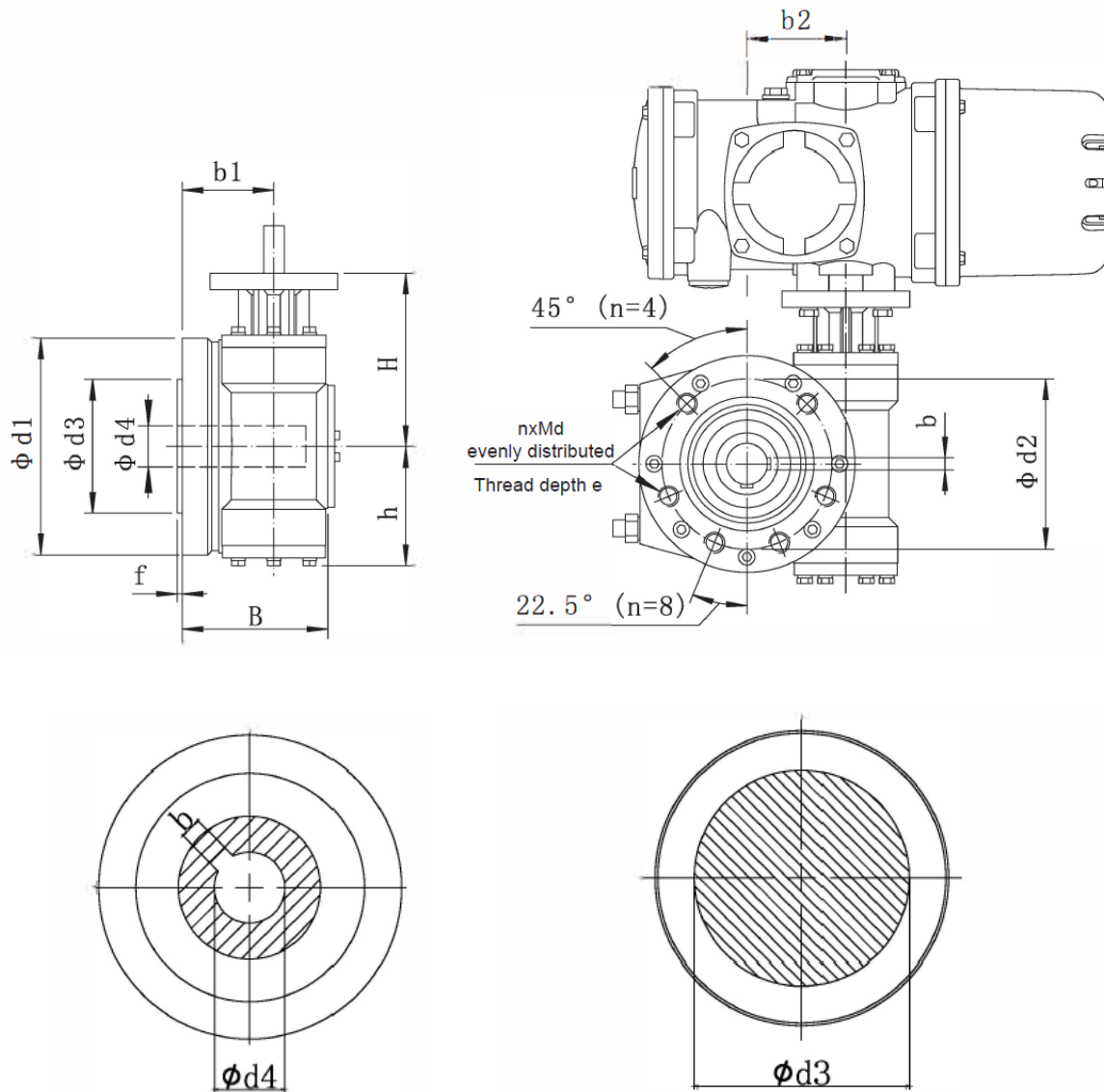


1. LE series linear thrusters are fully sealed and lubricated, so they have the characteristics of long service life and high precision. You basically don't need to maintain them;
2. The shutdown thrust can be adjusted in the range of 40% ~ 100% on site according to specific conditions;
3. The linear speed of all products can be adjusted within the range of 40% ~ 100%;
4. If you have special requirements for products, please contact us and we will customize appropriate products for you.

Specifications	Stroke	Maximum allowable thrust (kN)
LE12.1	50/100/150/200/400	11.5
LE25.1	50/100/150/200/400	23
LE50.1	50/100/150/200/400	39
LE70.1	100/160/320/400	64
LE100.1	100/160/320/400	128

Note: The default maximum stroke of all LE linear thrusters is 100mm, and the weight please refer to page1 table 3.

Direct Connected ASNG Reducer

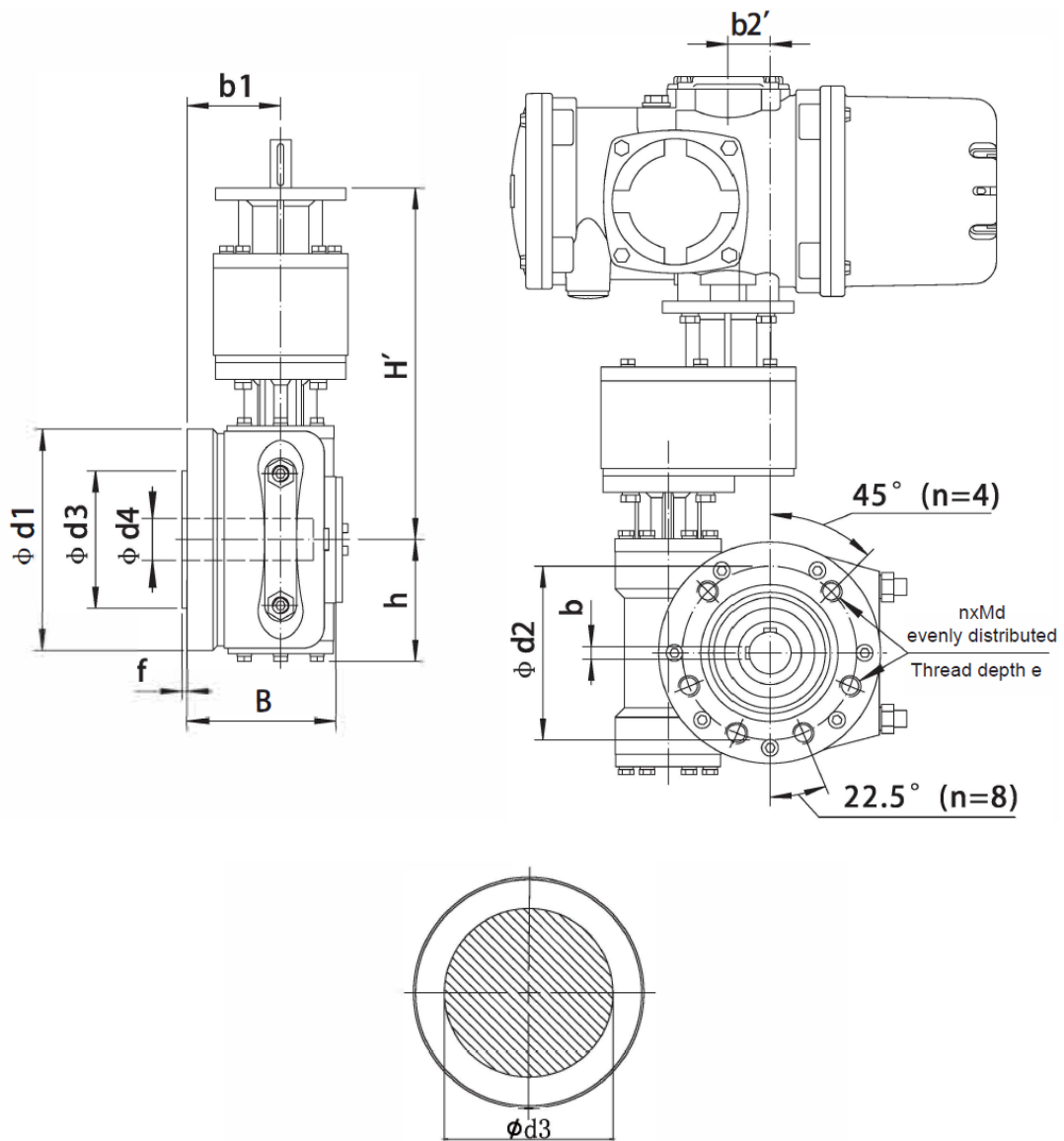


Standard straight shaft

Solid straight coupling shaft (ASNG 300 / D and above)
(The user processes according to the actual connection needs)

Note: ASNG 50/D and ASNG 100/D only have standard direct coupling shafts. If you want solid shafts or other connection methods, you need to select accessories. Please contact the manufacturer for details.

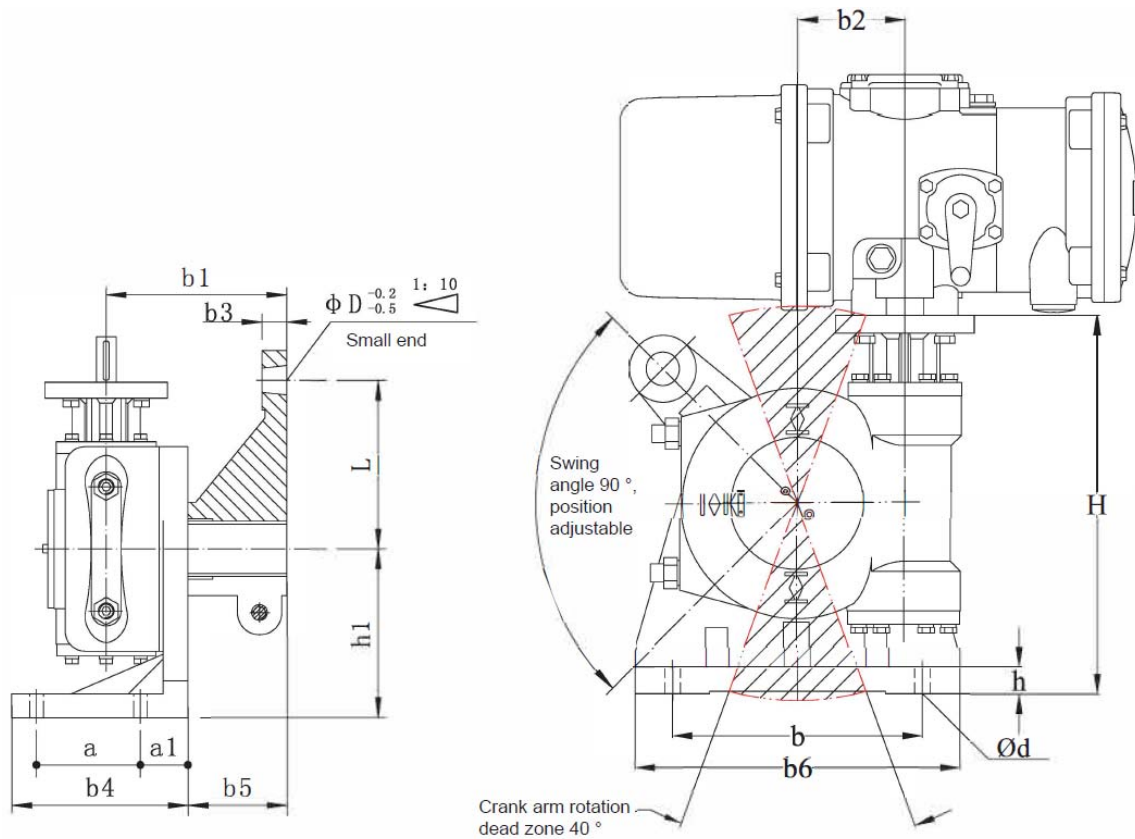
**Direct Connected ASNG Reducer
(with Additional Reduction Gearbox)**



Solid straight coupling shaft
(The user processes according to the actual connection needs)

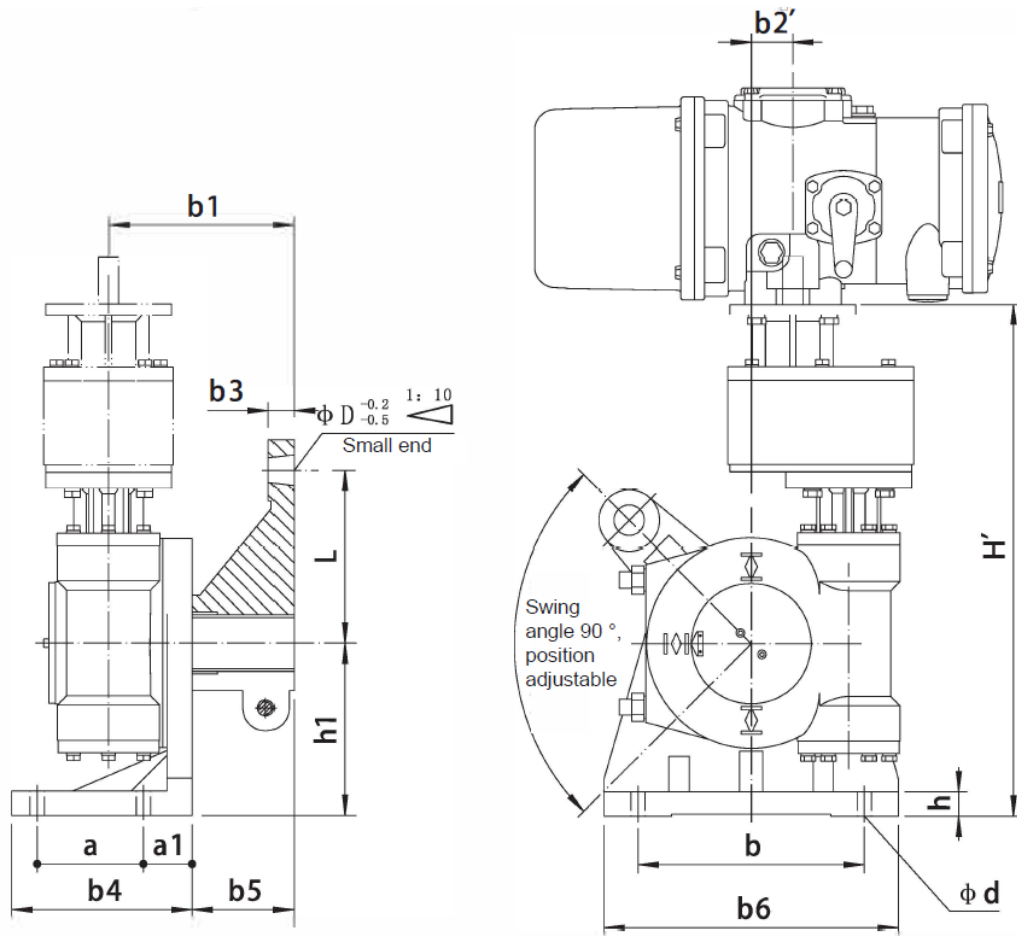
Note: Please contact the manufacturer for details.

ASNG Reducer with Base

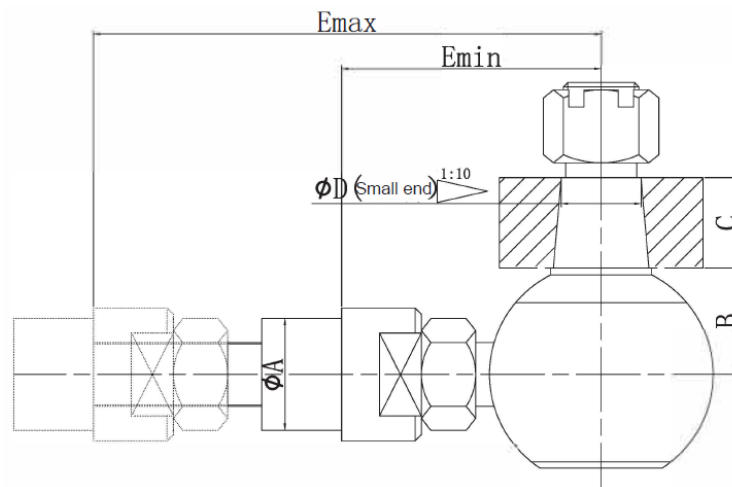


Note: The base shall be installed with enough swing arm space. If the crank arm needs to swing within the dead zone, the base shall be installed on the platform or equipped with optional connectors. Please contact the manufacturer for details.

**ASNG Reducer with Base
(with Additional Reduction Gearbox)**

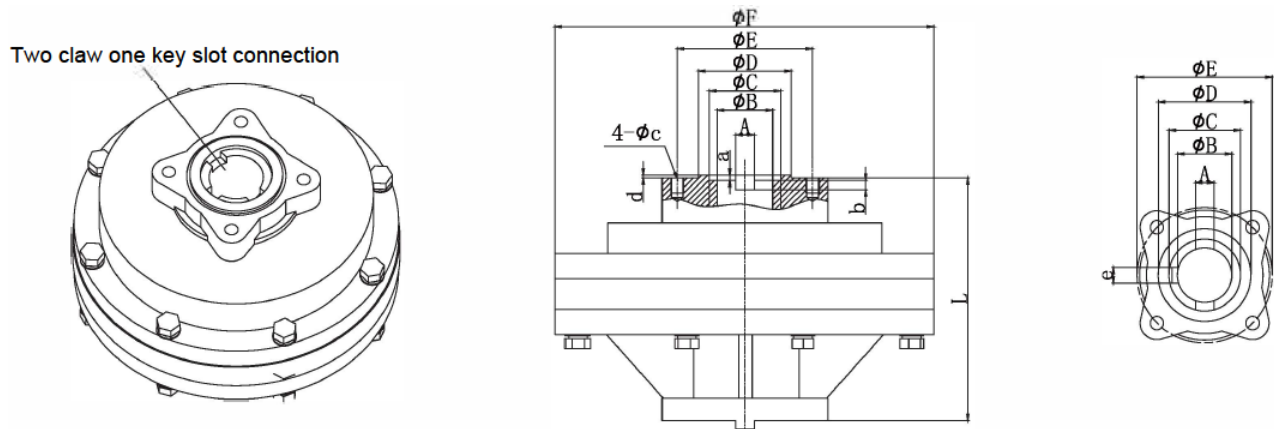


Note: The base shall be installed with enough swing arm space. If the crank arm needs to swing within the dead zone, the base shall be installed on the platform or equipped with optional connectors. Please contact the manufacturer for details.



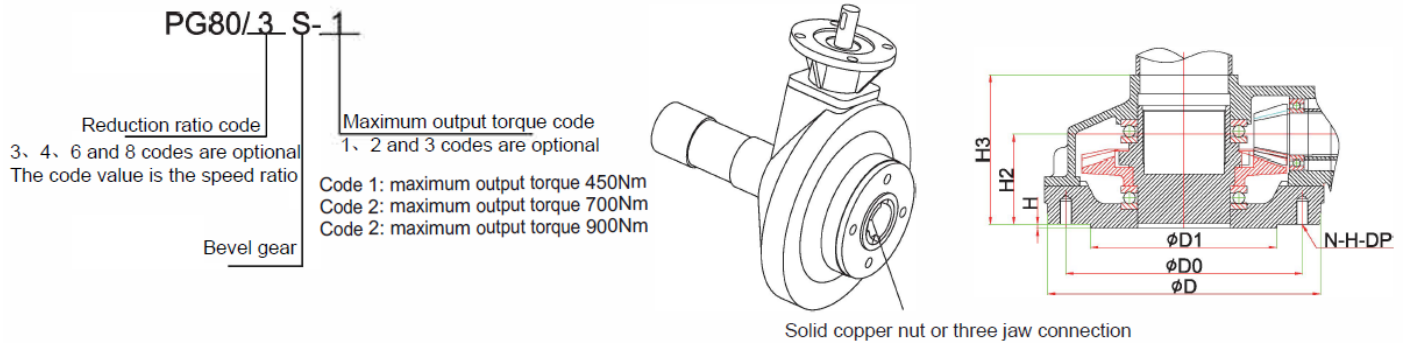
Note: Please contact the manufacturer for details.

PG Multi Rotary Stroke Wheel Reducer



Note: interface parameters please refer to page 2 table 4.

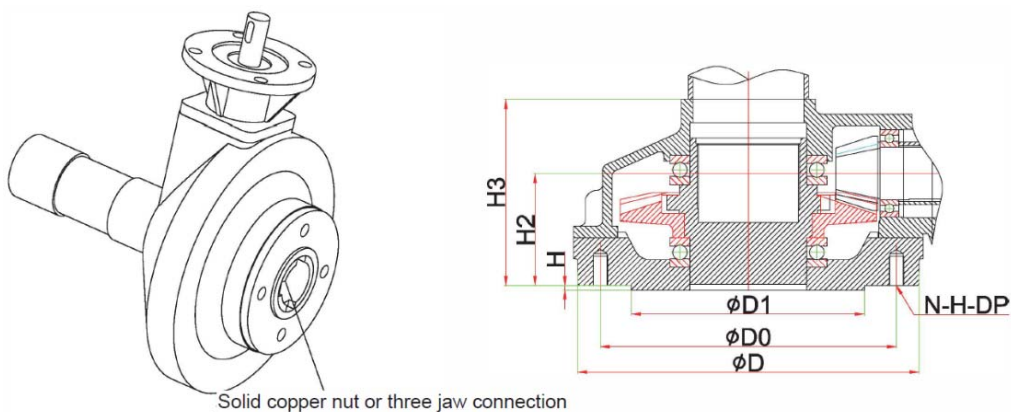
PG Multi Turn Bevel Gear Reducer



Additional dimensions of PG multi turn bevel gear reducer								
Model/Size	D	D0	D1	H	H2	H3	N-H-DP	Maximum stem diameter
PG80/*S-1	175	140	100	3	75	125	4-M16-24	32
PG80/*S-2	210	165	130	3	85	135	4-M20-30	40
PG80/*S-3	210	165	130	4	75	145	4-M20-30	40

Note: * the interface dimensions of reduction ratio 3:1, 4:1, 6:1 and 8:1 are universal

PGZ Multi Turn Bevel Gear Reducer



Additional dimensions of PGZ multi turn bevel gear reducer

Model/Size	D	D0	D1	H	H2	H3	N-H-DP	Maximum stem diameter	Reduction ratio optional	Maximum output torque (Nm)
PGZ/4	300	254	200	5	97	175	8-M16-24	52	3、4、6、8、10、12:1	1470
PGZ/6	350	298	230	5	142	210	8-M20-30	70	3、4、6、8、10、12:1	2940
PGZ/8	415	356	260	5	160	280	8-M30-45	90	4、6、8、10、12:1	6000
PGZ/10	415	356	260	5	155	280	8-M30-45	100	6、8、12、16、20:1	8500