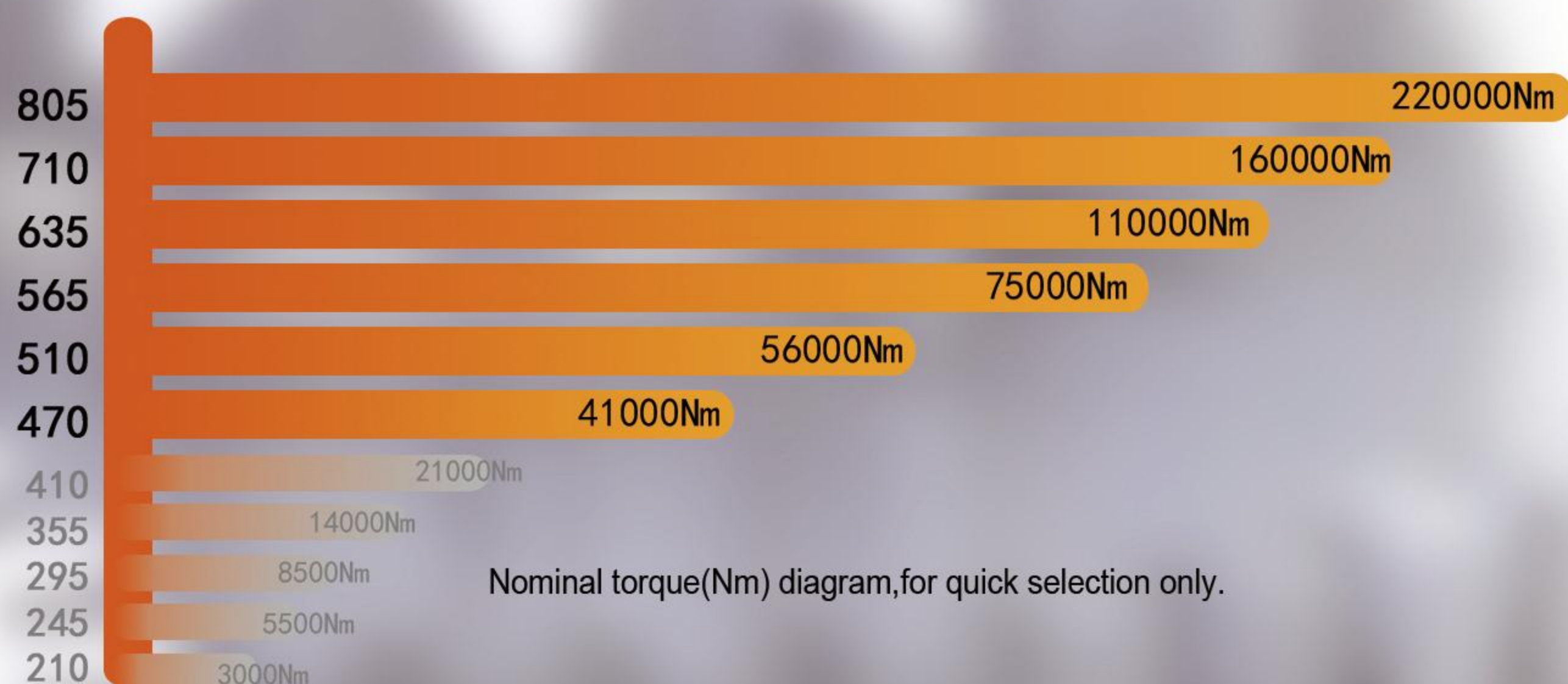


HN/HNR series

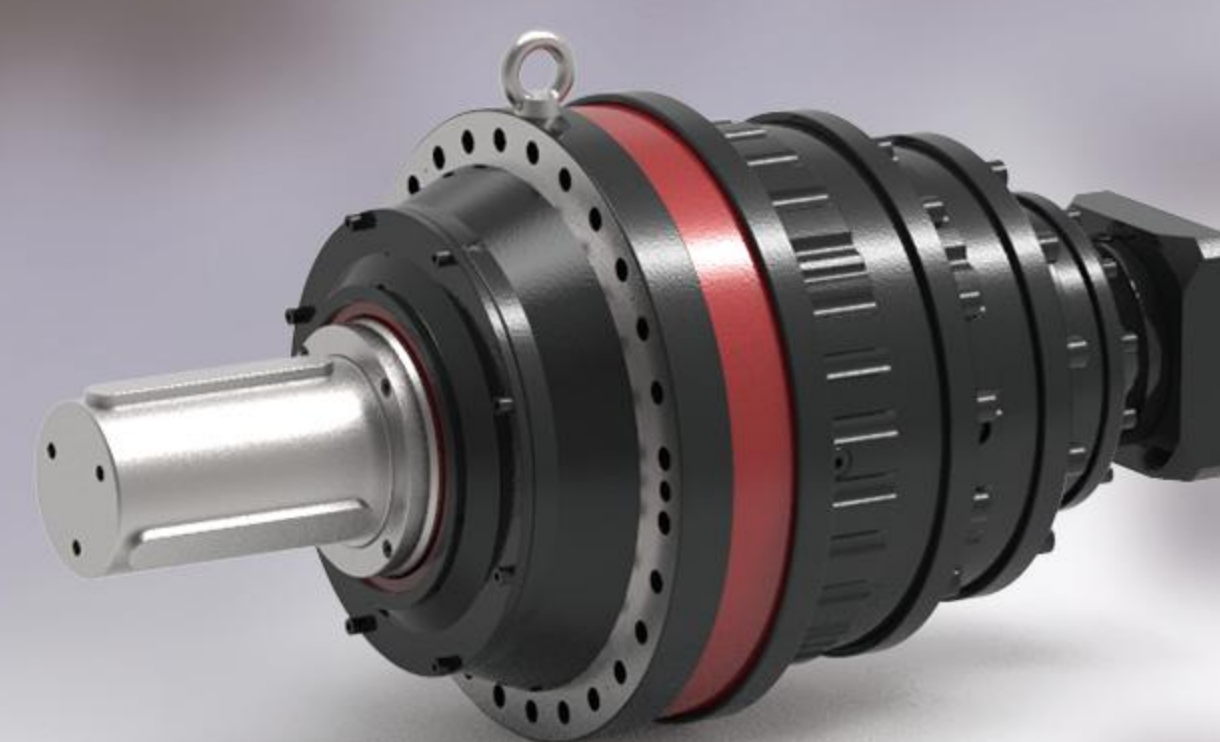
Large torque



OUTPUT TYPE



INPUT TYPE



INSTALLATION METHODS

SHAFT WITH KEY	SPLINED SHAFT	FLANGE INPUT	LINE FOOTING
S2 	S3 	FI 	
HOLLOW	SPLINED HOLLOW	SHAFT INPUT	
K1 	K3 	SI 	

Size, speed ratio and performance are recommended, Support for custom

Speed reducer performance data/

Parameters 参数	Stage 级数	Ratio 速比	Model 型号					
			HN470	HN510	HN565	HN635	HN710	HN805
Nominal output torque 额定承载扭矩	L2	16	40800	55700				
		20	40800	45600				
		24	37500	37500				
		28	35400	35400				
		32	28000	28000				
	L3	64	40800	55700	74000	107700	158000	221000
		80	40800	55700	74000	107700	158000	221000
		100	40800	55700	74000	107700	158000	221000
		120	40800	55700	74000	107700		
		140	40800	55700	74000	107700	158000	
		160	40800	55700	55700	55700		
	L4	256	40800	55700	74000	107700	158000	221000
		320	40800	55700	74000	107700	158000	221000
		400	40800	55700	74000	107700	158000	221000
		500	40800	55700	74000	107700	158000	221000
		560	40800	55700	74000	107700	158000	221000
		600	40800	55700	74000	107700	158000	221000
		640	40800	55700	74000	107700	158000	221000
		700	40800	55700	74000	107700	158000	221000
		800	40800	55700	74000	107700	158000	221000
		960	40800	55700	74000	107700		
		1120	40800	55700	74000	107700		
	L5	1280	40800	55700	74000	107700	158000	221000
		1600	40800	55700	74000	107700	158000	221000
		1792	40800	55700	74000	107700	158000	221000
		2000	40800	55700	74000	107700	158000	221000
		2240	40800	55700	74000	107700	158000	221000
		2400	40800	55700	74000	107700	158000	221000
		2500	40800	55700	74000	107700	158000	221000
		2800	40800	55700	74000	107700	158000	221000
		3000	40800	55700	74000	107700	158000	221000
所列速比仅为部分型号，如需其它请联系工厂。								
Maximum output torque 最大承载扭矩	Nm		See the schedule of each model for details 详见各型号附表					
Maximum radial load 容许最大径向负载	N		110000	150000	240000			
Maximum axial load 容许最大轴向负载	N		No axial force 不承受轴向力					
Nominal input speed 额定输入转速	rpm		See the schedule of each model for details 详见各型号附表					
Maximum input speed 最大输入转速	rpm		See the schedule of each model for details 详见各型号附表					
Noise 噪音	dB (A)		See the schedule of each model for details 详见各型号附表					
Efficiency 效率			See the schedule of each model for details 详见各型号附表					
Use of temperature 使用环境温度	℃		-15℃~40℃					
Service life 使用寿命	h		≥20000					
Lubrication 润滑			Grease or Lubricating oil 润滑脂或润滑油					

*Size, speed ratio and performance are recommended and customized.

尺寸、速比、性能皆为标准推荐，支持定制。





HN 470 L4 -500- P2 - K3 - B5 / FI-

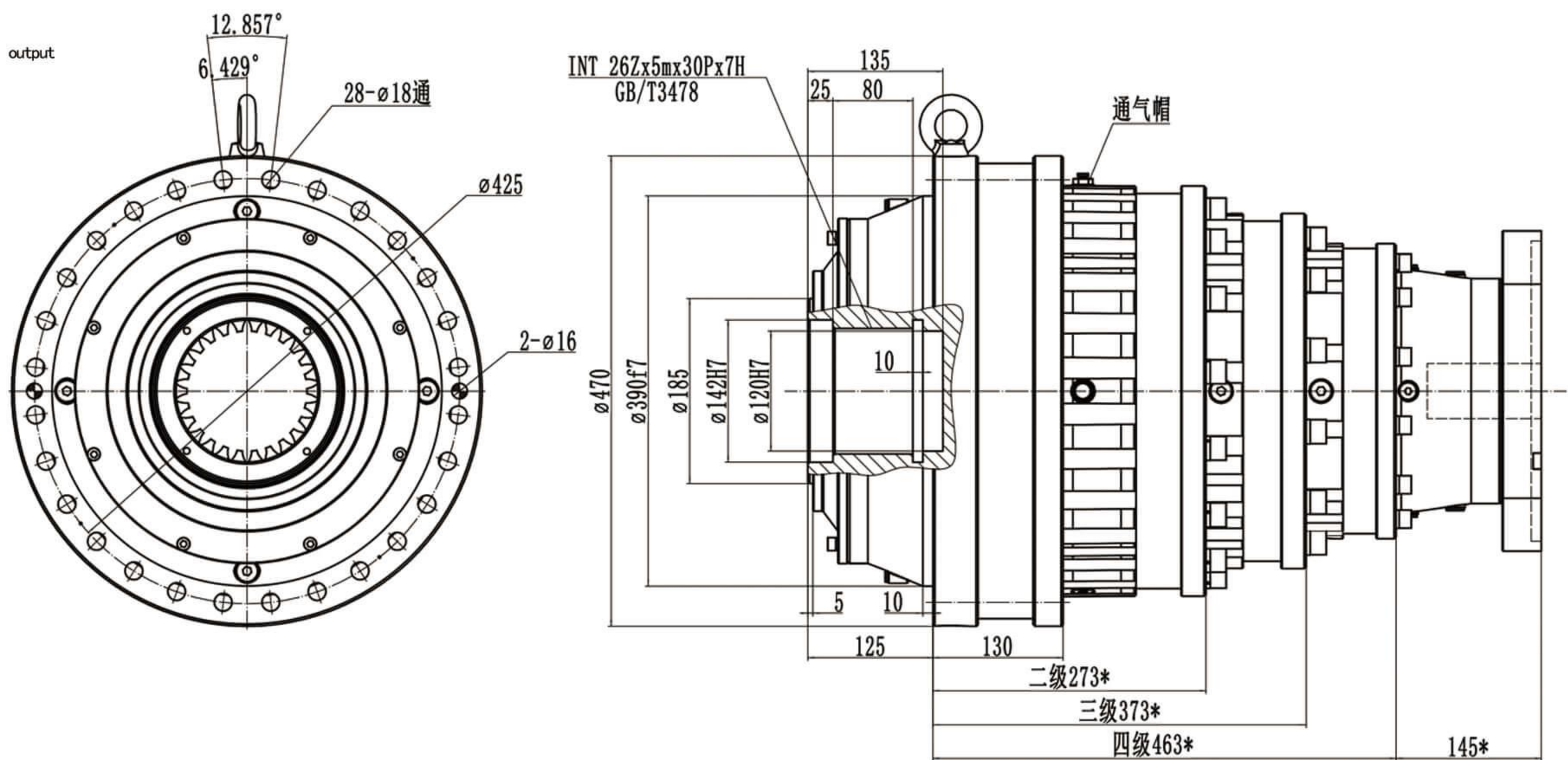
Model Size Stage Ratio i Precision Output model Installation mode Input mode



MOTOR SIZE

Servo motor, Stepper motor, Ac motor,
Dc motor, Hydraulic motor, Etc.

Outline dimension drawing of reducer/



*The size of this class depends on the size of the motor
Vent cap、The oil mirror、Drain plug the position varies with the use and installation of the reducer

Performance parameter/

Ratio 速比		L2					L3						L4					
	i	16	20	24	28	32	64	80	100	120	140	160	256	320	400	500	560	600
Nominal output torque 额定承载扭矩	Nm	40800	40800	37500	35400	28000	40800	40800	40800	40800	40800	40800	40800	40800	40800	40800	40800	40800
Maximum output torque 最大承载扭矩	Nm	61200	61200	56250	53100	42000	61200	61200	61200	61200	61200	61200	61200	61200	61200	61200	61200	61200
Maximum radial load 容许最大径向负载	N	110000																
Maximum axial load 容许最大轴向负载	N	No axial force 不承受轴向力																
Nominal input speed 额定输入转速	rpm	1500					1500						1500					
Maximum input speed 最大输入转速	rpm	2000					2000						2000					
Noise 噪音	dB (A)	80					78						75					
Efficiency 效率	%	94%					91%						88%					
Rated thermal power 额定热功率	KW	38					25						20					
Use of temperature 使用环境温度	℃	-15℃~40℃																
Service life 使用寿命	h	≥20000																
Lubrication 润滑		Grease or Lubricating oil 润滑脂或润滑油																
Reference weight 参考重量	KG	350					370						410					

Size, speed ratio and performance are recommended and customized.



HN 565 L5 -2000- P2 - K3 - B5 / FI-

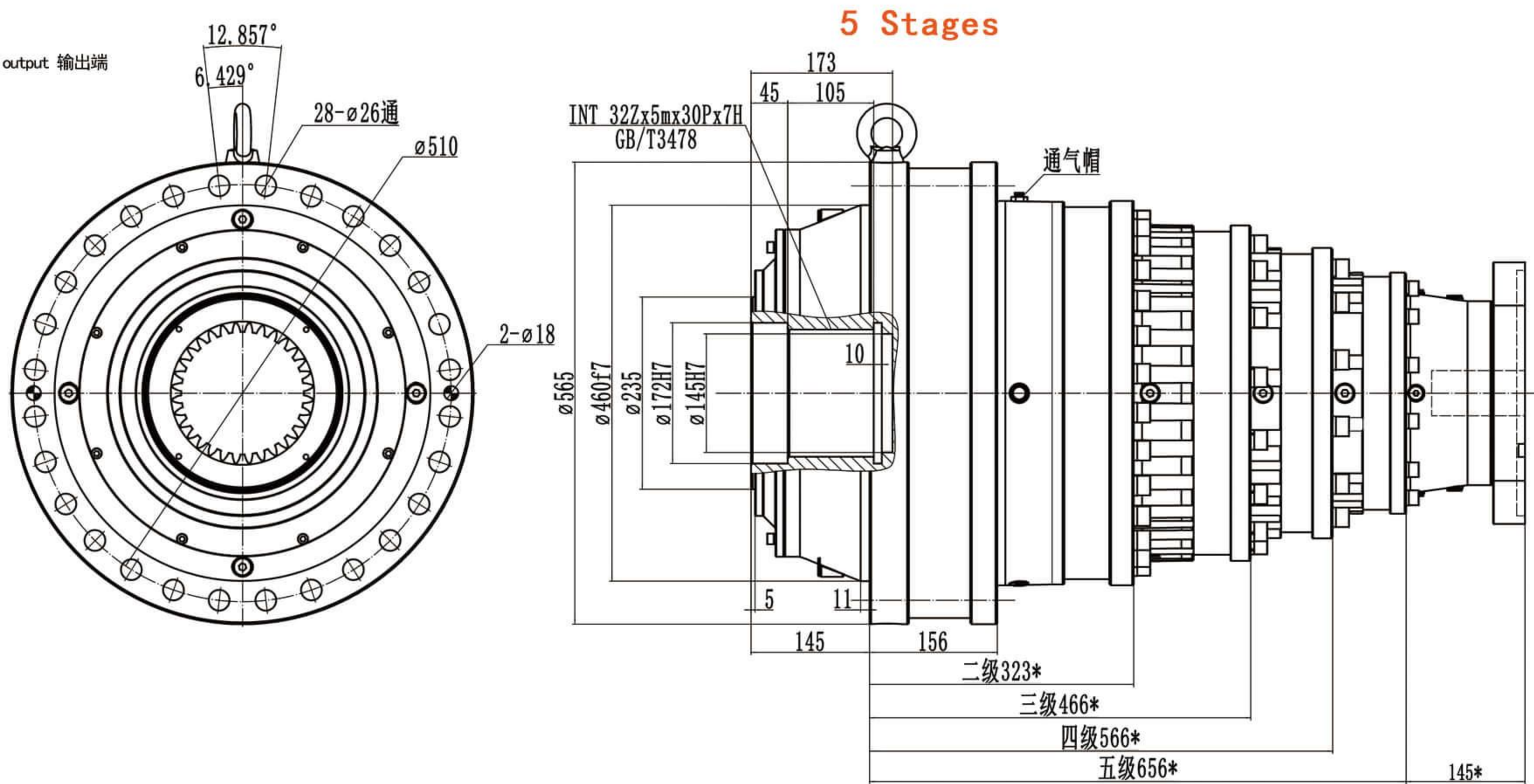
Model Size Stage Ratio i Precision Output model Installation mode Input mode



MOTOR SIZE

Servo motor, Stepper motor, Ac motor,
Dc motor, Hydraulic motor, Etc.

Outline dimension drawing of reducer/



* The size of this class depends on the size of the motor
Vent cap、The oil mirror、Drain plug the position varies with the use and installation of the reducer

Performance parameter/

Ratio 速比		L3						L4										
	i	64	80	100	120	140	160	256	320	400	500	560	600	640	700	800	960	1120
Nominal output torque 额定承载扭矩	Nm	74000	74000	74000	74000	74000	74000	74000	74000	74000	74000	74000	74000	74000	74000	74000	74000	74000
Maximum output torque 最大承载扭矩	Nm	111000	111000	111000	111000	111000	111000	111000	111000	111000	111000	111000	111000	111000	111000	111000	111000	111000
Maximum radial load 容许最大径向负载	N	240000																
Maximum axial load 容许最大轴向负载	N	No axial force 不承受轴向力																
Nominal input speed 额定输入转速	rpm	1000						1500										
Maximum input speed 最大输入转速	rpm	2000						2000										
Noise 噪音	dB (A)	80						78										
Efficiency 效率	%	91%						88%										
Rated thermal power 额定热功率	KW	38						26										
Use of temperature 使用环境温度	℃	-15℃~40℃																
Service life 使用寿命	h	≥20000																
Lubrication 润滑		Grease or Lubricating oil 润滑脂或润滑油																
Reference weight 参考重量	KG	610						660										

Size, speed ratio and performance are recommended and customized.



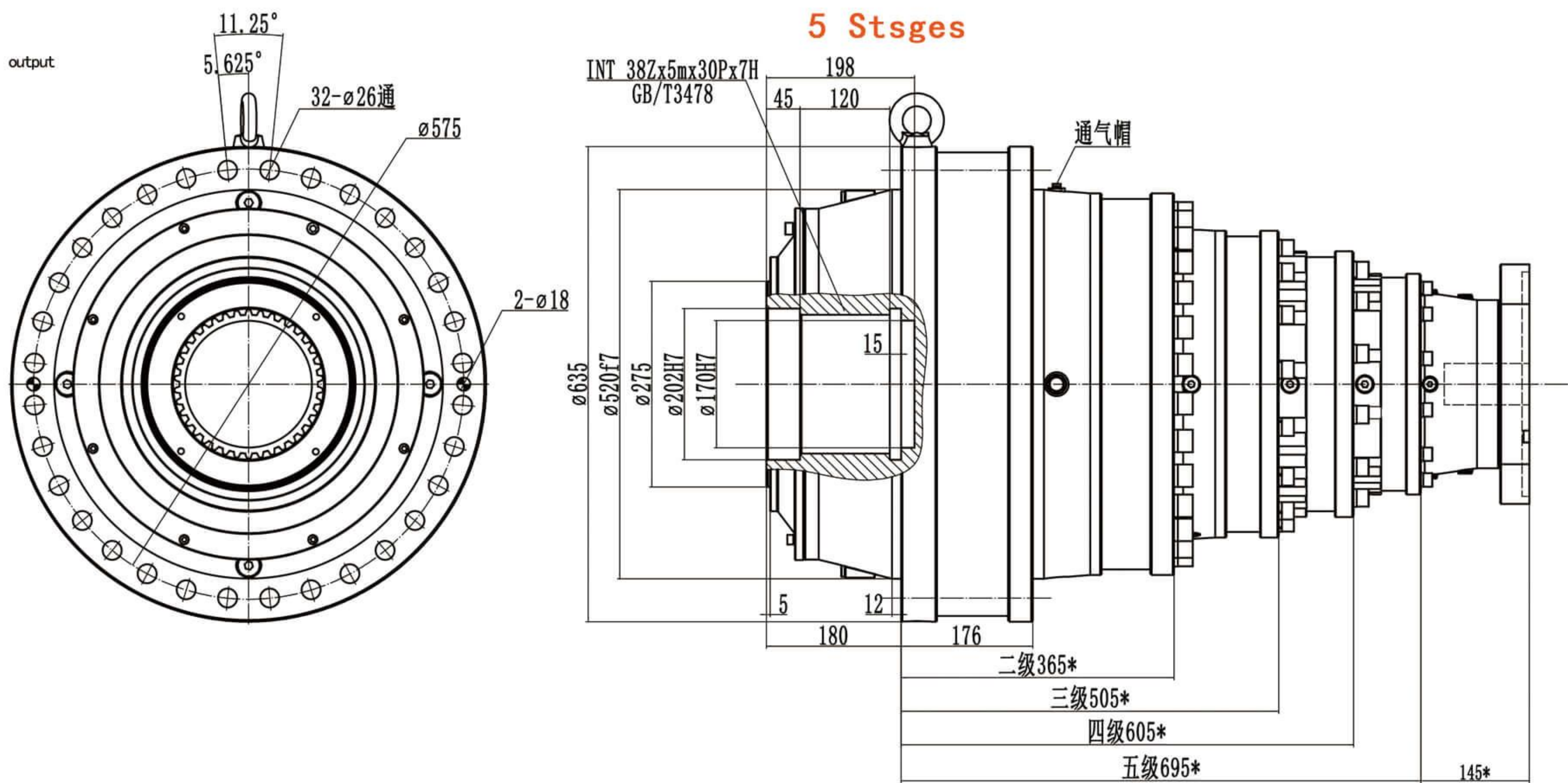
HN 635 L5 -4000- P2 - K3 - B5 / FI-

Model Size Stage Ratio i Precision Output model Installation mode Input mode

MOTOR SIZE

Servo motor, Stepper motor, Ac motor,
Dc motor, Hydraulic motor, Etc.

Outline dimension drawing of reducer/



*The size of this class depends on the size of the motor
Vent cap、The oil mirror、Drain plug the position varies with the use and installation of the reducer

Performance parameter/

Ratio 速比		L3						L4										
	i	64	80	100	120	140	160	256	320	400	500	560	600	640	700	800	960	1120
Nominal output torque 额定承载扭矩	Nm	107700	107700	107700	107700	107700	107700	107700	107700	107700	107700	107700	107700	107700	107700	107700	107700	107700
Maximum output torque 最大承载扭矩	Nm	161550	161550	161550	161550	161550	161550	161550	161550	161550	161550	161550	161550	161550	161550	161550	161550	161550
Maximum radial load 容许最大径向负载	N																	
Maximum axial load 容许最大轴向负载	N	No axial force 不承受轴向力																
Nominal input speed 额定输入转速	rpm	1000						1500										
Maximum input speed 最大输入转速	rpm	2000						2000										
Noise 噪音	dB (A)	85						82										
Efficiency 效率	%	91%						88%										
Rated thermal power 额定热功率	KW	45						31										
Use of temperature 使用环境温度	℃	-15℃~40℃																
Service life 使用寿命	h	≥20000																
Lubrication 润滑		Grease or Lubricating oil 润滑脂或润滑油																
Reference weight 参考重量	KG	720						800										

Size, speed ratio and performance are recommended and customized.



HN 710 L5 -3840- P2 - K3 - B5 / FI-

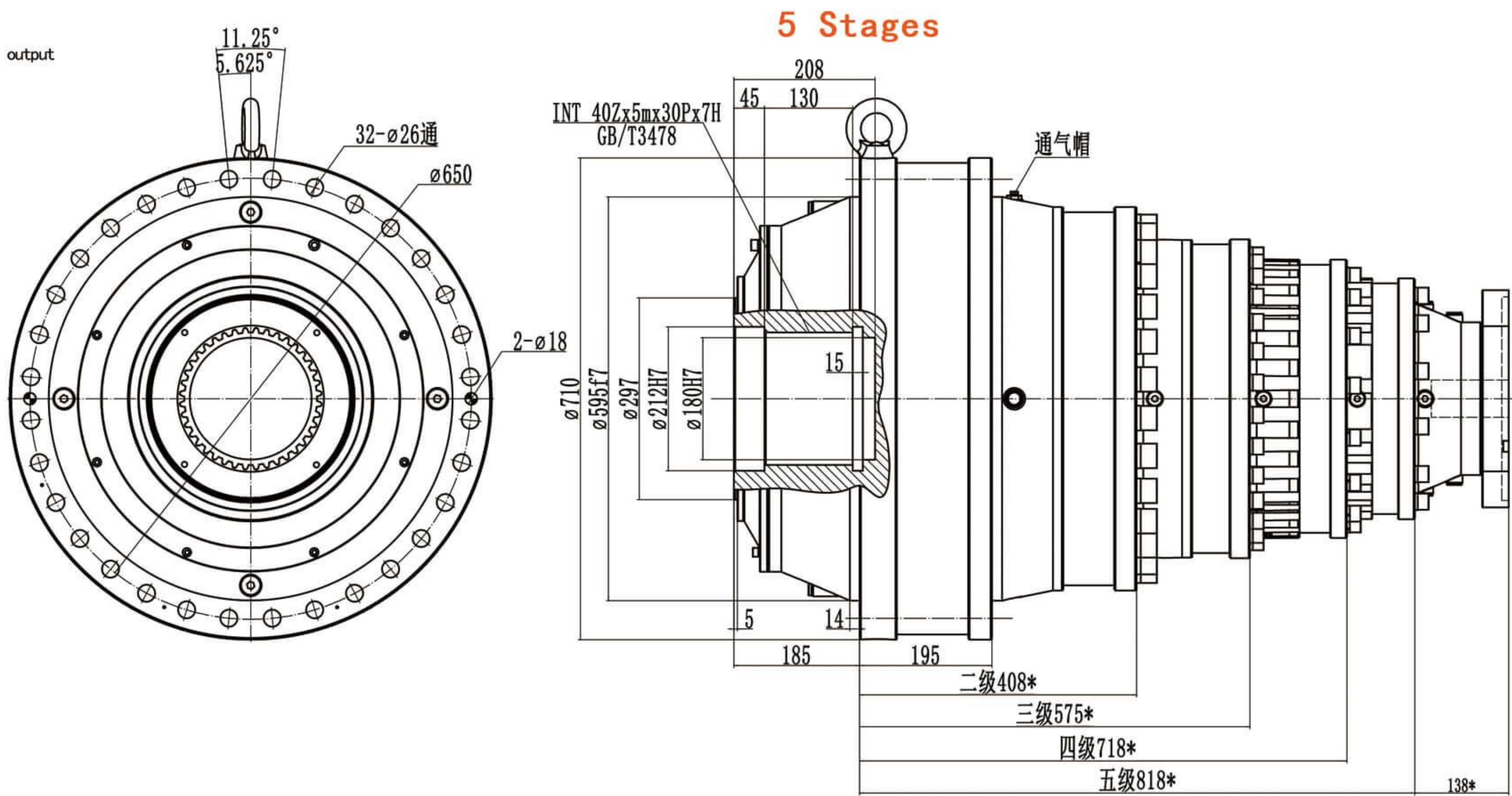
Model Size Stage Ratio i Precision Output mode Installation mode Input mode



MOTOR SIZE

Servo motor, Stepper motor, Ac motor,
Dc motor, Hydraulic motor, Etc.

Outline dimension drawing of reducer/



*The size of this class depends on the size of the motor
Vent cap、The oil mirror、Drain plug the position varies with the use and installation of the reducer

Performance parameter/

Ratio 速比		L3			L4									L5			
	i	64	80	100	256	320	400	500	560	600	640	700	800	1280	1600	1792	2000
Nominal output torque 额定承载扭矩	Nm	158000	158000	158000	158000	158000	158000	158000	158000	158000	158000	158000	158000	158000	158000	158000	158000
Maximum output torque 最大承载扭矩	Nm	237000	237000	237000	237000	237000	237000	237000	237000	237000	237000	237000	237000	237000	237000	237000	237000
Maximum radial load 容许最大径向负载	N																
Maximum axial load 容许最大轴向负载	N	No axial force 不承受轴向力															
Nominal input speed 额定输入转速	rpm	1000			1000									1500			
Maximum input speed 最大输入转速	rpm	1500			2000									2000			
Noise 噪音	dB (A)	85			82									80			
Efficiency 效率	%	91%			88%									85%			
Rated thermal power 额定热功率	KW	54			38									25			
Use of temperature 使用环境温度	℃	-15℃~40℃															
Service life 使用寿命	h	≥20000															
Lubrication 润滑		Grease or Lubricating oil 润滑脂或润滑油															
Reference weight 参考重量	KG	950			1000									1150			

Size, speed ratio and performance are recommended and customized.



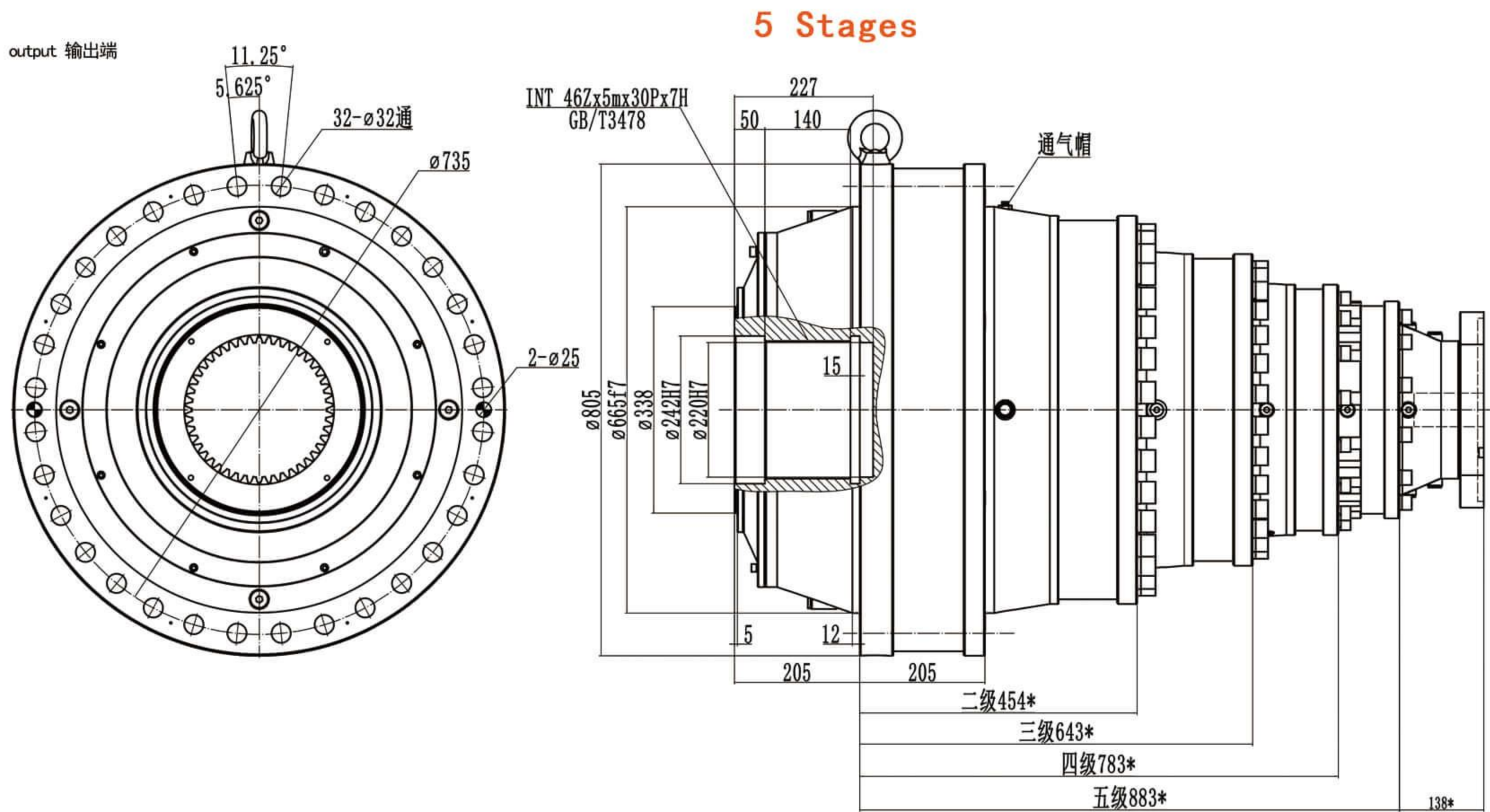
HN 805 L5 -3840- P2 - K3 - B5 / FI-

Model Size Stage Ratio i Precision Output model Installation mode Input mode

MOTOR SIZE

Servo motor, Stepper motor, Ac motor,
Dc motor, Hydraulic motor, Etc.

Outline dimension drawing of reducer/



*The size of this class depends on the size of the motor
Vent cap、The oil mirror、Drain plug the position varies with the use and installation of the reducer

Performance parameter/

Ratio 速比		L3			L4									L5			
	i	64	80	100	256	320	400	500	560	600	640	700	800	1280	1600	1792	2000
Nominal output torque 额定承载扭矩	Nm	221000	221000	221000	221000	221000	221000	221000	221000	221000	221000	221000	221000	221000	221000	221000	221000
Maximum output torque 最大承载扭矩	Nm	331500	331500	331500	331500	331500	331500	331500	331500	331500	331500	331500	331500	331500	331500	331500	331500
Maximum radial load 容许最大径向负载	N																
Maximum axial load 容许最大轴向负载	N	No axial force 不承受轴向力															
Nominal input speed 额定输入转速	rpm	800			1000									1500			
Maximum input speed 最大输入转速	rpm	1200			2000									2000			
Noise 噪音	dB (A)	85			82									80			
Efficiency 效率	%	91%			88%									85%			
Rated thermal power 额定热功率	KW	70			50									38			
Use of temperature 使用环境温度	℃	-15℃~40℃															
Service life 使用寿命	h	≥20000															
Lubrication 润滑		Grease or Lubricating oil 润滑脂或润滑油															
Reference weight 参考重量	KG	1450			1500									1580			

Size, speed ratio and performance are recommended and customized.