

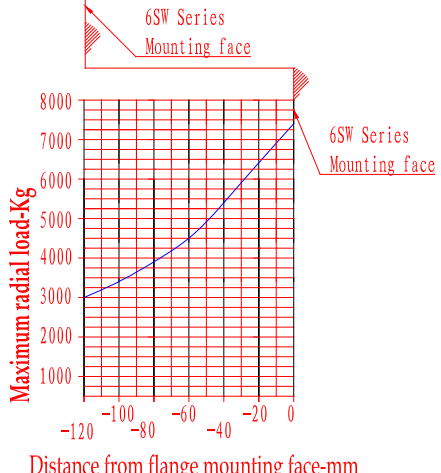
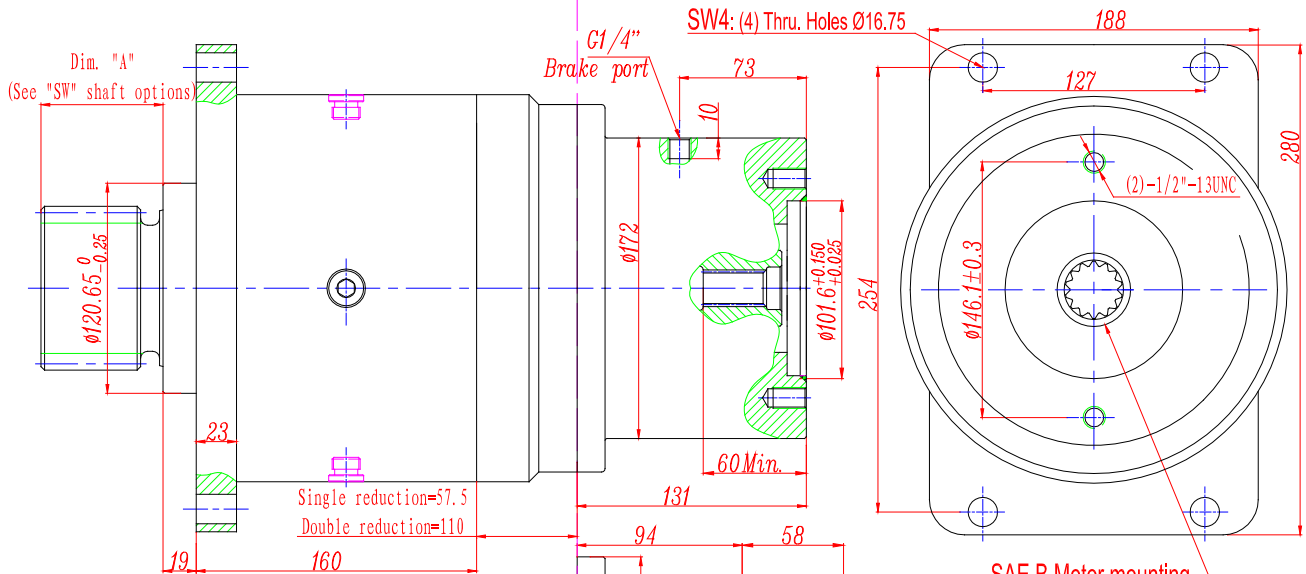
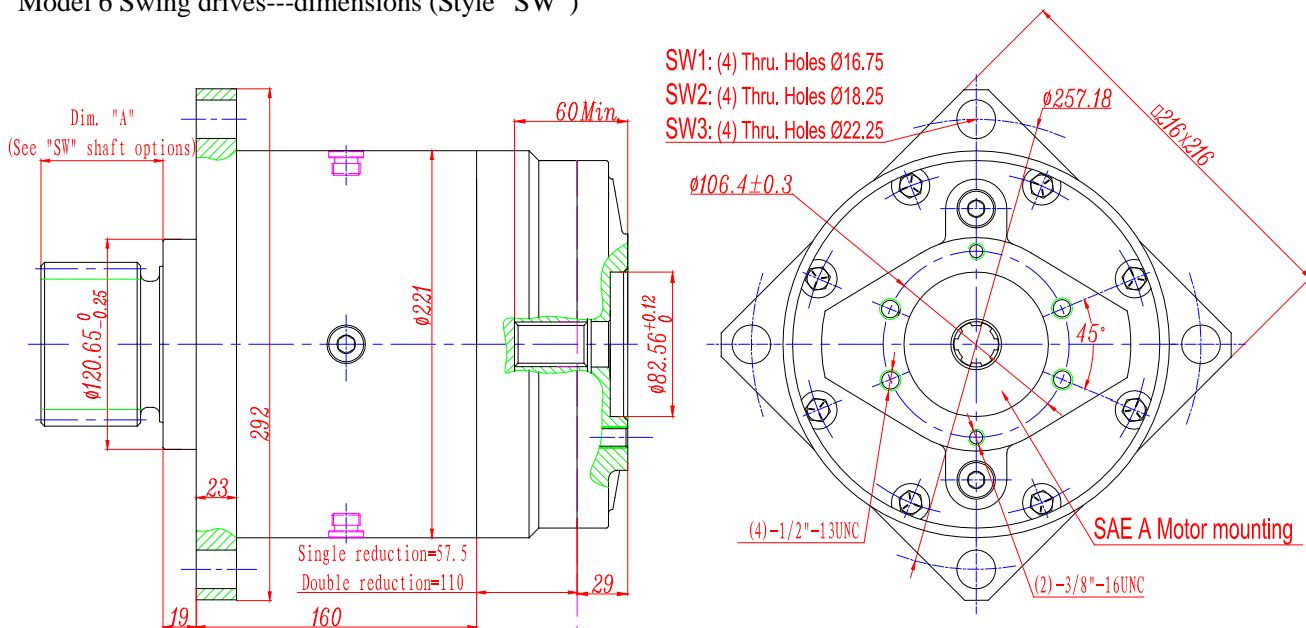
### Model 6 Swing drives----technical specification (Style “SW”)

output torque (N.m)		Ratio (i)		Recommend Hydraulic Motor pilot/hubs and input spline	Max. input speed (rpm)	Brake torque (N.m)	Brake work pressure (bar)
normal	Max. Intermittent						
3400	5650	3.81, 4.47, 5.53	Single reduction	SAE A, B motor pilot/hubs 13T - 16/32 Spline 15T - 16/32 Spline 1" - 6B Spline 14T - 12/24 Spline	3500	440	22-50
		13.44, 16.91	Double reduction			330	27-50
		21.05, 24.71				260	22-50
		28.50, 35.31				160	17-50

- Input-Output rotate same direction.
- Other ratio and other input type can special design.

FEATURE CHART: MODEL 6 SWING DRIVES, SINGLE and DOUBLE REDUCTION (Style “SW”)							
OPTIONS	DESCRIPTION	ORDER NUMBER	USE OPTION ORDER CODES TO BUILD ORDER NUMBER				
MODEL SERIES	MODEL 6	6SW1 6SW2 6SW3 6SW4	6SW2				
MOTOR PILOT/HUBS <i>INPUT SHAFT OPTIONS</i>	SAE A SAE B  <i>1-1/2" Keyed</i>	A B  <i>KO</i>		A			
MOTOR INPUT SPLINE <i>INPUT SHAFT OPTIONS</i>	13T - 16/32 1" - 6B 14T - 12/24 15T - 16/32 <i>INPUT SHAFT OPTIONS</i>	13 6B 14 15 <i>O</i>			13		
RATIO OPTIONS	3.81, 4.47, 5.53 13.44, 16.97, 21.53 24.71, 28.50, 35.31	03, 04, 05 13, 16, 21 24, 28, 35				24	
OUTPUT SHAFT OPTIONS	17T-5DP Gear 17T-4DP Gear 12T-3DP Gear 23T-12/24 Spline	G1 G2 G3 23					G2
BRAKE	160N. m 260N. m 330N. m 440N. m Without Brake	B4D B4F B4H B4L WO					B4F
Example of complete order code:			6SW2	A	13	24	G2 B4F

Model 6 Swing drives---dimensions (Style "SW")



**Maximum radial load on input shaft**  
 (Based on: output speed  $n_2=100$  rpm, Life=3000 h)

Bearing load, life and speed relationships	
$h=3000 \times (100/n_2) \times (R/R')^{(10/3)}$	
R=Allowable resultant load for given location from mounting flange (see curve image)	
R'=Anticipated load at location from mounting flange	
h=Bearing Life (hour)	
$n_2$ =Anticipated output speed (rpm)	

Model 6 Swing drives - Style "SW" - output options

