

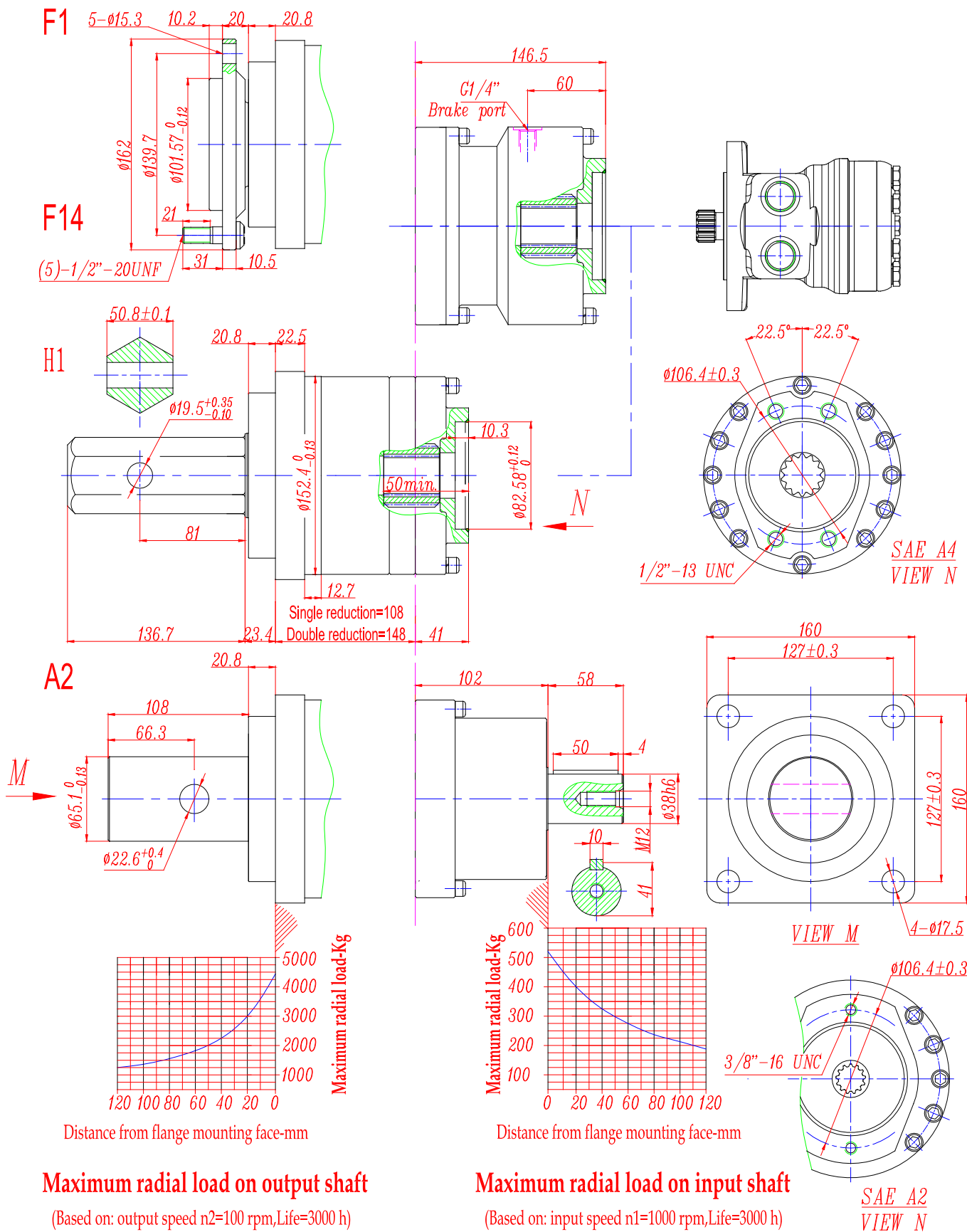
Model 3 Series, Shaft & Spindle output drives----technical specification

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						
950	2200	3.54	Single reduction	SAE A motor pilot/hubs 13T - 16/32 Spline 15T - 16/32 Spline 1" - 6B Spline 14T - 12/24 Spline	3500	370	34-50
		12.19	Double reduction			120	12-50

- Input rotate and output rotate same direction.
- Other ratio and other input type can special design.
- Other output shaft options or output spindle options, see page xx for detail

FEATURE CHART: MODEL 3 SERIES, SHAFT AND SPINDLE OUTPUT DRIVES REDUCTION - STYLE T								
OPTIONS	DESCRIPTION	ORDER NUMBER	USE OPTION ORDER CODES TO BUILD ORDER NUMBER					
MODEL SERIES	MODEL 3	3T	3T					
MOTOR PILOT/HUBS	SAE A2	A2						
	SAE A4	A4		A4				
MOTOR INPUT SPLINE OR SHAFT INPUT OPTIONS	13T - 16/32	13						
	15T - 16/32	15						
	1" - 6B	6B						
	14T - 12/24	14			14			
	Shaft Input 1.5" Round	1.5R						
RATIO OPTIONS	3.54	03				03		
	12.19	12						
OUTPUT OPTIONS	2.56" Round	A2					A2	
	2.00" Hex	H1						
	F1 Spindle	F1						
	F14 Spindle	F14						
BRAKE	120Nm	B1						
	370Nm	B2						
	Without Brake	W0					W0	
Example of complete order code:			3T	A4	14	03	A2	W0

Model 3 Series, Shaft & Spindle output drives---dimensions

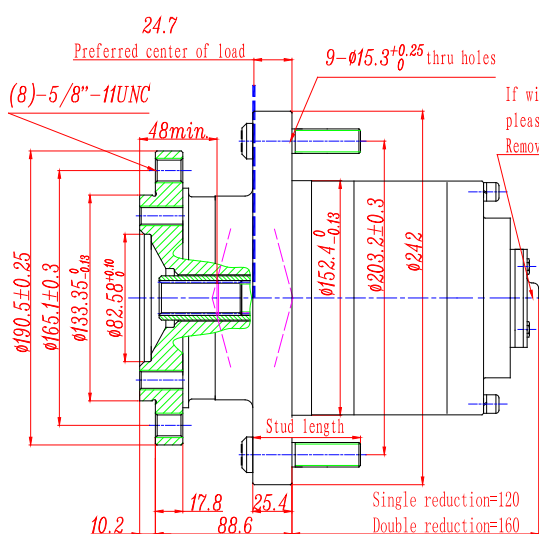


Model 3 Series, Wheel drives----technical specification

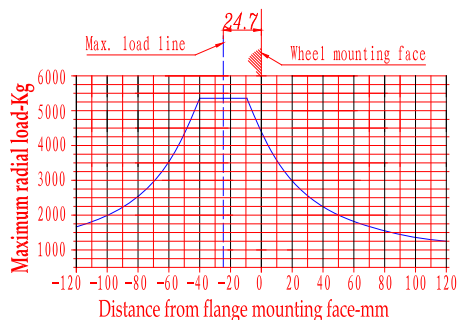
output torque (N.m)		Ratio (i)		Recommend Hydraulic Motor pilot/hubs and input spline	Max. input speed (rpm)	Brake torque (N.m)	Brake work pressure (bar)
normal	Max. Intermittent						
850	1700	2.54, 3.67	Single reduction	SAE A motor pilot/hubs 13T - 16/32 Spline 15T - 16/32 Spline 1" - 6B Spline	3500	Without brake	
		11.19, 13.66 15.51, 18.33 20.78	Double reduction				

- Input rotation opposite output rotation.
- Other ratio and other input type can special design.
- If with manual disconnect application, please add mark "M" in order number end.

FEATURE CHART: MODEL 3 SERIES, WHEEL DRIVES REDUCTION - STYLE WD (Differential version)									
OPTIONS	DESCRIPTION	ORDER NUMBER	USE OPTION ORDER CODES TO BUILD ORDER NUMBER						
MODEL SERIES	MODEL 3	3W	3W						
MOTOR PILOT/HUBS	SAE A	A		A					
MOTOR INPUT SPLINE	13T - 16/32 15T - 16/32 1" - 6B	13 15 6B			13				
RATIO OPTIONS	2.54, 3.67, 11.19, 13.66 15.51, 18.33, 20.78	02, 03, 11, 13 15, 18, 20				18			
OUTPUT OPTIONS	9/16×2.75 NONE	18 0					18		
BRAKE	Without Brake	WO						WO	
DISCONNECT	With disconnect	M							M
	Without disconnect	NONE							
Example of complete order code:			3W	A	13	18	18	WO	M



If with manual disconnect application, please add mark "M" in order number end. Remove & reverse cover to disconnect.



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)