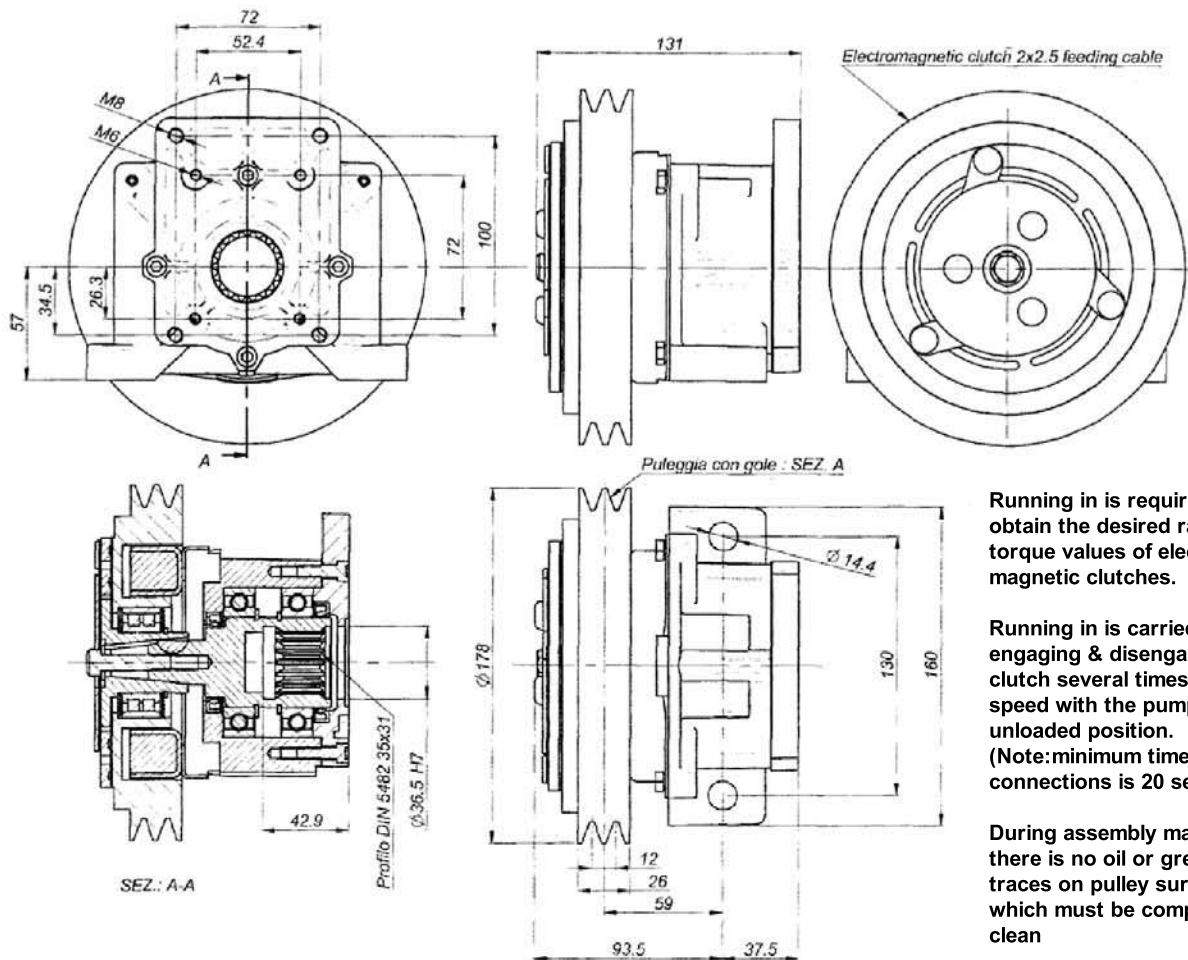


## Electromagnetic Clutches for Gp1 & Gp2 pumps (14DaNm)

Series 30980-12 12 volt  
Series 30981-24 24 volt



Running in is required to obtain the desired rated torque values of electromagnetic clutches.

Running in is carried out by engaging & disengaging the clutch several times at high speed with the pump in the unloaded position.  
(Note: minimum time between connections is 20 seconds)

During assembly make sure there is no oil or grease traces on pulley surfaces which must be completely clean

Nominal torque	11,8 daNm		Connection time	25 m/sec		
Static torque	14,0 daNm		Disconnection time	40 m/sec		
Dynamic torque	12,5 daNm	at 500 rpm	Minimum time between two connection	20 sec		
	11,0 daNm	at 1000 rpm				
	8,2 daNm	at 1500 rpm				
	7,5 daNm	at 2000 rpm	Max speed	5000 rpm		
	6,7 daNm	at 2500 rpm	Weight	5,8 Kg		
6,5 daNm	at 3000 rpm					
Electric absorption	Resistance (Ω)		Current (A)		Power (W)	
	20° C	120° C	20° C	120° C	20° C	120° C
12 V DC	4,00	5,60	3,33	2,00	40,00	24,00
24 V DC	20,00	28,00	1,26	0,77	30,30	18,18
All technical data are at 20°C / at 120 °C the performance are less 20%						
All electromagnetic clutches are reversible.						