

TA80-B



80,300
Max Torque (Ft-Lbs)

31
Max Speed (RPM)

1,975
Product Weight (LBS)

5,000
Max Pressure (PSI)

100
Max Flow (GPM)

20-30
Machine Size (Tons)

SPECIFICATIONS

Motor Type:	Two-Speed	Max Pressure:	5000 PSI (345 Bar)
Valves:	Single CBV & CPR	Max Flow:	100 GPM (378 LPM)
Motor Ports:	Code 62 Split Flange	Overall Height:	69" (1752 mm)
Gearbox:	Three Stage Planetary	Diameter:	20" (508 mm)
Shaft Pullout:	40,000 Lbs	Connection Pin:	75 mm



Two-Speed Models Require Drain Line

RECOMMENDED PRIME MOVERS



TA80 TORQUE CHART

Pressure PSI	Low Torque Ft-Lbs	High Torque Ft-Lbs
3200	25,695	51,391
3400	27,301	54,603
3600	28,907	57,815
3800	30,513	61,027
4000	32,119	64,239
4200	33,725	67,451
4400	35,331	70,663
4600	36,937	73,875
4800	38,543	77,087
5000	40,149	80,300

TA80 SPEED CHART

Flow GPM	High Speed RPM	Low Speed RPM
70	22	11
80	25	12
90	28	14
100	31	16

IMPERIAL PERFORMANCE DATA

TA80 TORQUE CHART

Pressure Bar	Low Torque Nm	High Torque Nm
220	34,838	69,677
234	37,016	74,032
248	39,193	78,387
262	41,371	82,742
275	43,548	87,097
290	45,726	91,452
303	47,903	95,807
317	50,080	100,516
330	52,258	104,516
345	54,435	108,871

TA80 SPEED CHART

Flow LPM	High Speed RPM	Low Speed RPM
265	22	11
303	25	12
340	28	14
378	31	16

METRIC PERFORMANCE DATA

Maximum efficiencies have been applied to the torque and speed charts. **Values are NOT listed at 100% theoretical.** Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. This document should be used for information and comparative purposes only.