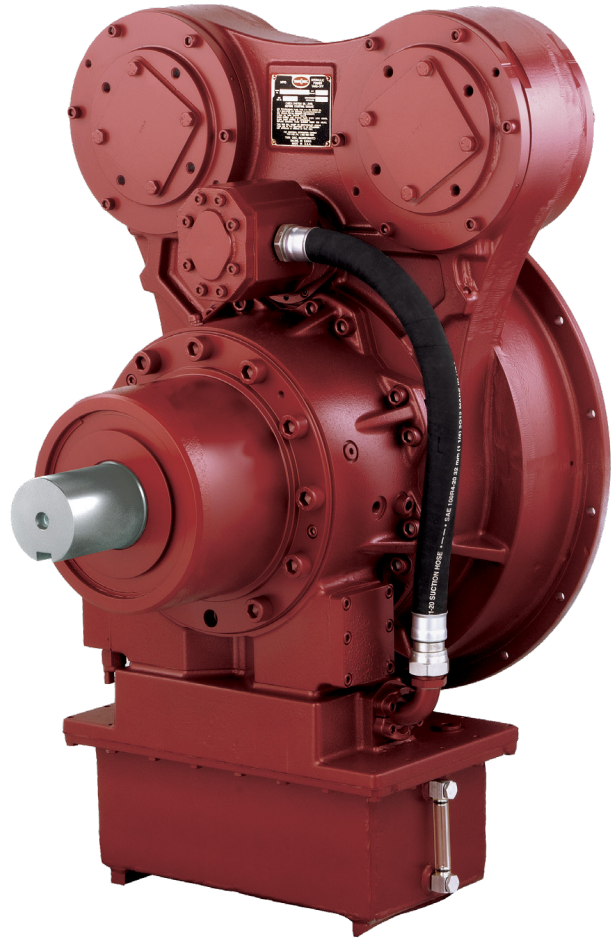


HP1200

The HP1200 is an oil-filled, multiple disc, hydraulically- actuated self-adjusting clutch. The HP1200 has been developed with a number of unique features that offer reliability, productivity and power, including: integral mechanical brake release, optional integrated reservoir and standard hydraulic gear pump. The HP1200 has been designed for a wide range of heavy-duty applications including crushers, grinders, mulchers, dredgers, heavy-duty drills and many others.

FEATURES

- Hydraulically actuated and self-adjusting wet clutch
- Suitable for in-line and side-load applications
- Advanced control system for smooth engagement
- Remote actuation via J1939 or switch input
- No pilot bearing
- High side load capability
- Maximum power rating 1243 HP @ 1800 rpm
- Two towers with two pump pads each
 - 400 HP maximum capacity per tower
 - 550 HP maximum capacity for both towers
- Available pump pads:
 - SAE "A" • SAE "B" • SAE "C" • SAE "D" • SAE "E"
- Pump tower rotatable by 0°/45°/90° CW/CCW
- Optional 0.86:1 speed increase on pump tower
- SAE #0 input housing
- SAE 460 (18") input coupling
- Optional integrated reservoir
- Standard charge/lube pump included

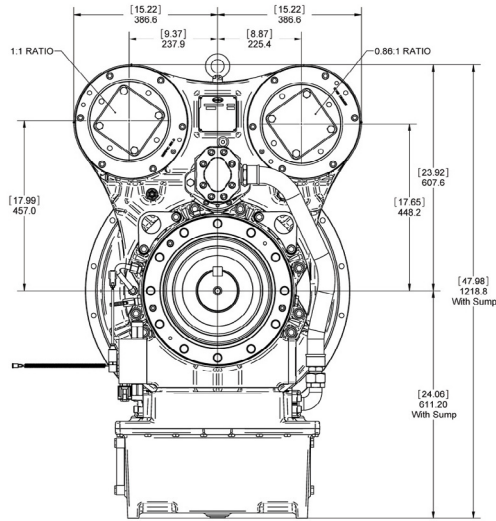
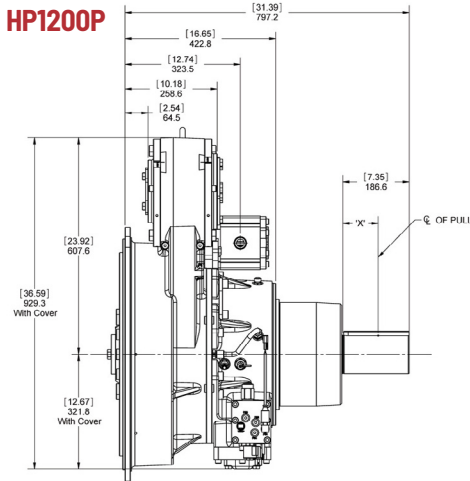


TECHNICAL DATA

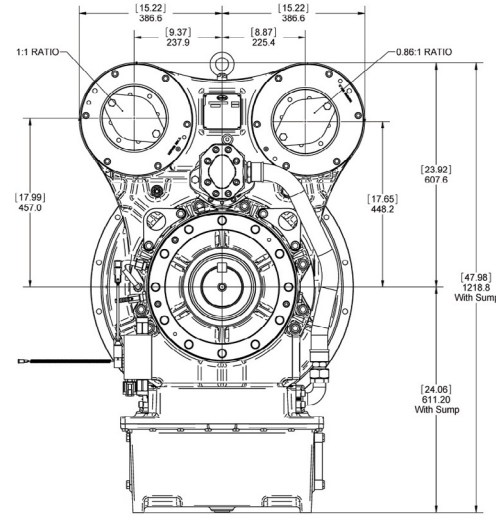
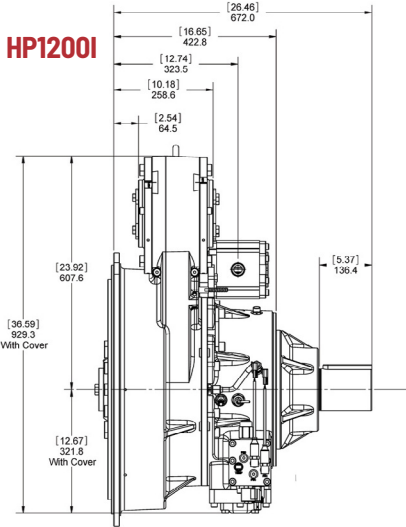
Model Number	Maximum Power Rating			Maximum Speed	Pump Tower Capacity		Weight*
	@ 1200 rpm	@ 1800 rpm	@ 2100 rpm		1 Tower (2 Pads)	2 Tower (4 Pads)	
HP1200P	828 hp (611 kW)	1243 hp (923 kW)	1448 hp (1080 kW)	2250 rpm	400 hp (299 kW)	550 hp (410 kW)	1775 lbs (805 kg)
HP1200I							1697 lbs (770 kg)

* Includes optional reservoir and standard charge/lube pump.

HP1200P



HP1200I



Dimensions are in mm (in).

HP1200P SIDE LOAD CAPACITY VALUES

RPM mm (in)	-50.8 (-2.0)	-25.4 (-1.0)	0.0 (0.0)	25.4 (1.0)	50.8 (2.0)	76.2 (3.0)	101.6 (4.0)	127 (5.0)	152.4 (6.0)
1200 Nm (lb-ft)	146,393 (32,938)	131,794 (29,654)	119,843 (26,965)	109,879 (24,723)	91,821 (20,660)	75,869 (17,071)	64,639 (14,544)	56,305 (12,669)	49,874 (11,222)
1800 Nm (lb-ft)	129,626 (29,166)	116,699 (26,257)	106,117 (23,876)	97,294 (21,891)	81,305 (18,294)	67,179 (15,115)	57,235 (12,878)	49,856 (11,218)	44,162 (9,936)
2100 Nm (lb-ft)	123,768 (27,848)	111,425 (25,071)	101,321 (22,797)	92,897 (20,902)	77,630 (17,467)	64,143 (14,432)	54,649 (12,296)	47,603 (22,401)	42,166 (9,487)

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Twin Disc, Incorporated reminds users of these products that their safe operation depends on use in compliance with engineering information provided in our catalog. Users are also reminded that safe operation depends on proper installation, operation and routine maintenance and inspection under prevailing conditions. It is the responsibility of users (and not Twin Disc, Incorporated) to provide and install guards or safety devices which may be required by recognized safety standards or by the Occupational Safety and Health Act of 1970 and its subsequent provisions.