

HYDRAULIC POWER TAKE-OFF

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 & BENEFITS:

- 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



SPECIFICATIONS - HP1200

Model Number	Maximum Power Rating			Maximum Speed (RPM)	Pump Tower Capacity		Weight kg (lbs)
	@ 1200 RPM	@ 1800 RPM	@ 2100 RPM		1 Tower (2 Pads)	2 Tower (4 Pads)	
HP1200P	828 HP (617 kW)	1243 HP (923 kW)	1448 HP (1080 kW)	2250	400 HP (299 kW)	550 HP (410 kW)	805 kg (1775 lbs)*
HP1200I	828 HP (617 kW)	1243 HP (923 kW)	1448 HP (1080 kW)	2250	400 HP (299 kW)	550 HP (410 kW)	770 kg (1697 lbs)*

*includes optional reservoir and standard charge/lube pump

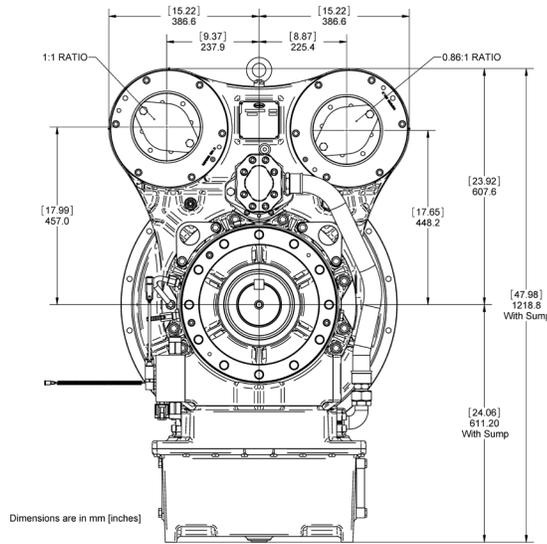
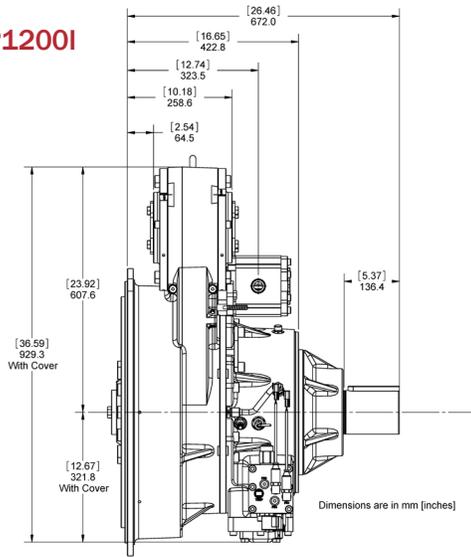


Specifications subject to change without prior notice in the interest of continual product improvement. Contact your local Twin Disc representative for engineering specifications, Survey Society Approvals and Classifications.

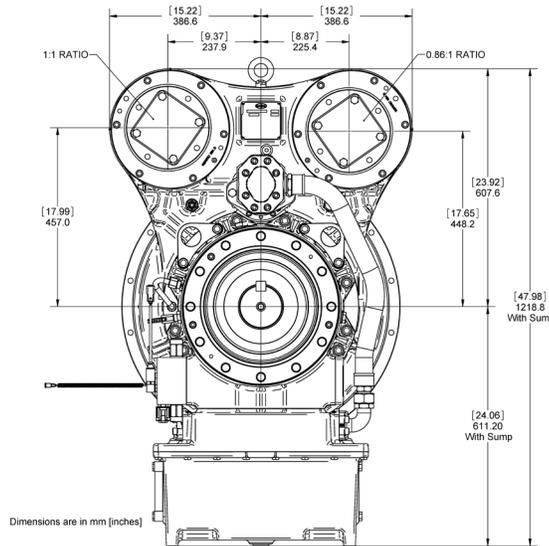
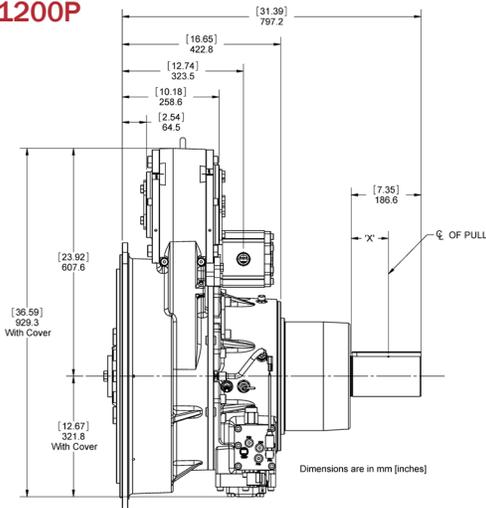
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HP1200I



HP1200P



HP1200P SIDE LOAD CAPACITY VALUES

RPM	mm	-50.8	-25.4	0.0	25.4	50.8	76.2	101.6	127	152.4
	inches	-2.0	-1.0	0.0	1.0	2.0	3.0	4.0	5.0	6.0
1200	N	146393	131794	119843	109879	91821	75869	64639	56305	49874
	Lbf.	32938	29654	26965	24723	20660	17071	14544	12669	11222
1800	N	129626	116699	106117	97294	81305	67179	57235	49856	44162
	Lbf.	29166	26257	23876	21891	18294	15115	12878	11218	9936
2100	N	123768	111425	101321	92897	77630	64143	54649	47603	42166
	Lbf.	27848	25071	22797	20902	17467	14432	12296	10711	9487

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.

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