

Pneumatic and Hydraulic Power Take-Off Clutches



About WPT

Since 1992!

As an international manufacturer of pneumatic and hydraulic power take-off's, clutches and brakes for a broad range of industrial and petroleum applications, WPT® Power Transmission has been a leader in the power transmission industry, providing superior products with the highest of quality since 1992.

Tough Running.

WPT®'s competitive pricing and outstanding lead-times from our Wichita Falls, Texas facilities help make WPT® the OEM supplier of choice for major manufacturers worldwide.

Rugged Design.

Our professional engineering department specializes in designing units that will meet and exceed your unique needs. If you require a special design or application, please contact WPT®'s engineering department for successful solutions.

Worldwide Distribution.

WPT®'s extensive network of domestic and international distributors ensures that your product needs will be met—when and where you need it. Our distributors are well-supplied with WPT® inventory for those instances when demands are critical in order to eliminate major down time. For a WPT® distributor in your area, please visit our website at www.WPTpower.com.

If you would like any further information on WPT® Power Transmission or any of the products and services we provide, please contact us at (940) 761-1971.



Heavy Duty Power Take-Off Clutches

Hydraulic or Pneumatic Actuation. Up to 2100 hp

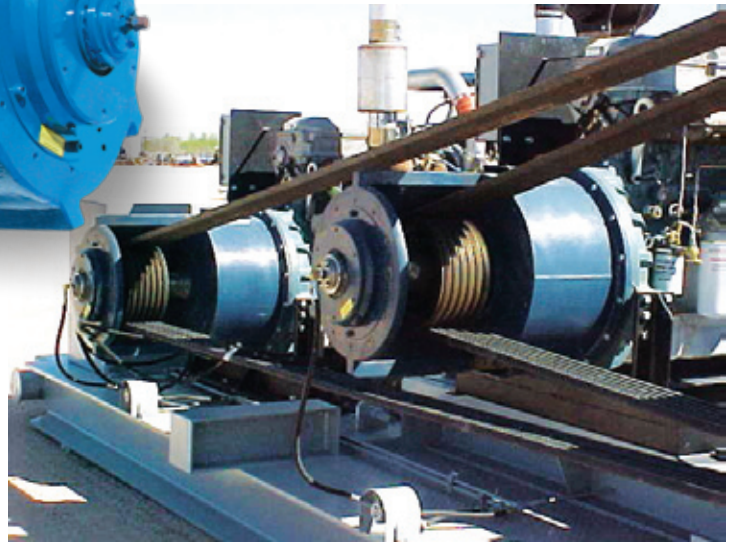
Ideal for the following engine driven equipment:

- Pumps
- Woodchippers
- Recycling Shredders
- Dredges
- Road Planers
- Rock Crushers



Type 1

- Applications from 400hp - 2100hp (298kW-1566kW)
- Best suited for engine drives on rock crushers, dredge pumps, oilfield mud pumps, waste shredders and other high horsepower applications
- Toughest pneumatic or hydraulically actuated PTO available in its class
- No pilot bearing
- Best design for very high side loading

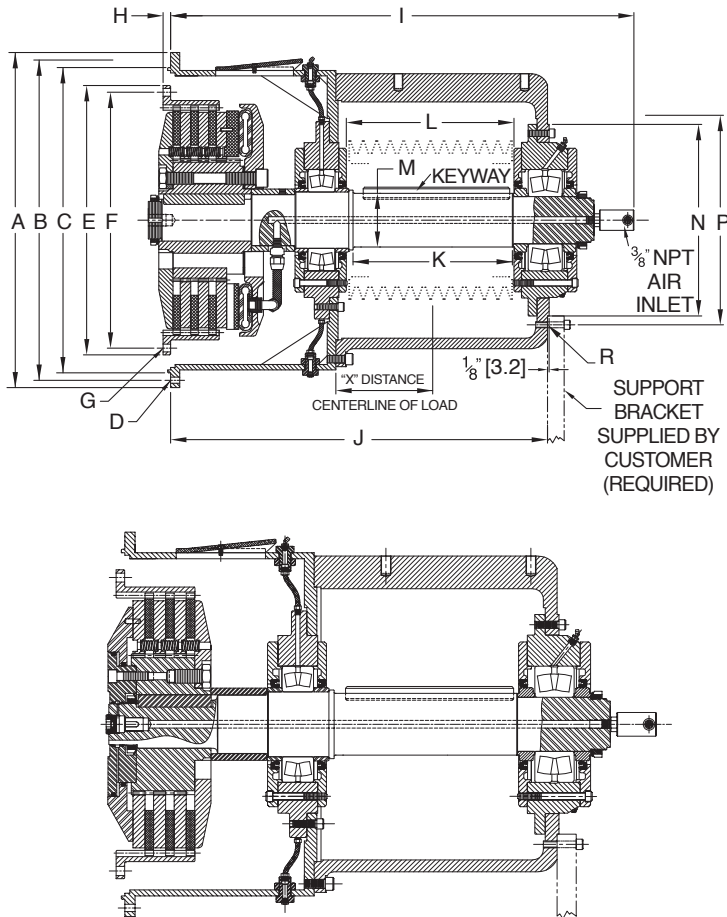


Type 2

- Applications from 200hp-600hp (149kW-447kW)
- Best suited for medium to high side loads
- Typical applications include engine driven pumps for irrigation, fire control, high pressure spray as well as road planers, wood chippers and utility construction equipment
- Bullet-proof, hard working design
- Pneumatic or hydraulic actuation
- No pilot bearing



Type 1



**HYDRAULIC MODEL DIMENSIONALLY
SAME AS PNEUMATIC MODEL ABOVE**

- Remote engagement
- Self-adjusting
- Hydraulic actuation available
- Kevlar® reinforced friction discs
- Belt change without removing rear bearing

Kevlar is a registered trademark of DuPont Inc.

HOUSING DIMENSIONS inches (mm)

SAE HSG #	A OUTSIDE DIA	B BOLT CIRCLE	C +0.000/-0.005 (+0.00/-0.13)	D HOLES	
				QTY	DIA
1	21 3/4 (552.5)	20.88 (530.2)	20.125 (511.18)	12	15/32 (11.9)
0	28 (711.2)	26.75 (679.5)	25.500 (647.70)	16	17/32 (13.5)
00	34 3/4 (882.7)	33.50 (850.9)	31.000 (787.40)	16	17/32 (13.5)

DIMENSIONS inches (mm)

SIZE/ MODEL	SAE HSG #	E +0.000/-0.005 (+0.00/-0.13)	F BOLT CIRCLE	G HOLES		H
				QTY	DIA	
314H	1,0	18.375 (466.73)	17.25 (438.2)	8	17/32 (13.5)	1 (25.4)
314H/EXT VERSION	1,0	18.375 (466.73)	17.25 (438.2)	8	17/32 (13.5)	1 (25.4)
318	0	22.500 (571.50)	21.38 (542.9)	6	21/32 (16.7)	5/8 (15.9)
318/EXT VERSION	0	22.500 (571.50)	21.38 (542.9)	6	21/32 (16.7)	5/8 (15.9)
318	00	22.500 (571.50)	21.38 (542.9)	6	21/32 (16.7)	5/8 (15.9)
321	00	26.500 (673.10)	25.25 (641.4)	12	21/32 (16.7)	0 (0.0)
321/SHORT VERSION	00	26.500 (673.10)	25.25 (641.4)	12	21/32 (16.7)	0 (0.0)
321/EXT VERSION	00	26.500 (673.10)	25.25 (641.4)	12	21/32 (16.7)	0 (0.0)

^a Maximum 8V grooves at a 15" (381.0) min outside diameter [12 1/4" (311.2) inside dia] sheave.

^b Maximum 8V grooves at a 19" (482.6) min outside diameter [16 1/4" (412.8) inside dia] sheave.

ALLOWABLE SIDE-PULL LOAD lbs (kgs)

SIZE/TYPE	RPM			
		6 (152.4)	7 (177.8)	8 (203.2)
314H	2300	21,730 (9860)	23,800 (10800)	26,310 (11930)
	2100	22,350 (10140)	24,480 (11100)	27,050 (12270)
	1800	23,430 (10630)	25,660 (11640)	28,370 (12870)
	1500	24,780 (11240)	27,140 (12310)	30,000 (13610)
314H/EXT VERSION	2300		20,050 (9090)	21,340 (9680)
	2100		20,620 (9350)	21,950 (9960)
	1800		21,620 (9810)	23,010 (10440)
	1500		22,860 (10370)	24,330 (11040)
318	2100	21,910 (9940)	24,010 (10890)	26,550 (12040)
	1800	23,000 (10430)	25,200 (11430)	27,870 (12640)
	1500	24,350 (11050)	26,680 (12100)	29,510 (13390)
	1200	26,110 (11840)	28,610 (12980)	31,640 (14350)
318/EXT VERSION	2100		20,220 (9170)	21,520 (9760)
	1800		21,220 (9630)	22,590 (10250)
	1500		22,460 (10190)	23,910 (10850)
	1200		24,070 (10920)	25,630 (11630)
321	1800		21,210 (9620)	22,570 (10240)
	1500		22,470 (10190)	23,910 (10850)
	1200		24,110 (10940)	25,650 (11630)
321/SHORT VERSION	1800	25,510 (11570)	28,750 (13040)	31,610 (14340)
	1500	27,040 (12270)	30,480 (13830)	33,350 (15130)
	1200	29,030 (13170)	32,720 (14840)	35,610 (16150)
321/EXT VERSION	1800			
	1500			
	1200			

Certified Prints Available on Request



I	J	K	L	M +.000/- .001 (+.00/- .03)	KEYWAY	N +.000/- .005 (+.00/- .13)	P BOLT CIRCLE	R HOLES		SHEAVE (CUSTOMER SUPPLIED)		
								QTY	TAP	MAX DIA	MAX WIDTH	GROOVES
38 23/32 (983.5)	31 1/2 (800.1)	13 5/16 (338.1)	14 (355.6)	4.500 (114.30)	1 x 1/2 (25.4 x 12.7)	16.000 (406.40)	17.50 (444.5)	12	1/2-13	18 (457.2)	15 11/32 (389.7)	12 ^a
44 23/32 (1135.9)	37 1/2 (952.5)	19 5/16 (490.5)	20 (508.0)	4.500 (114.30)	1 x 1/2 (25.4 x 12.7)	16.000 (406.40)	17.50 (444.5)	12	1/2-13	18 (457.2)	21 3/8 (542.9)	18 ^a
38 23/32 (983.5)	31 1/2 (800.1)	13 5/16 (338.1)	14 (355.6)	4.500 (114.30)	1 x 1/2 (25.4 x 12.7)	16.000 (406.40)	17.50 (444.5)	12	1/2-13	18 (457.2)	15 11/32 (389.7)	12 ^a
44 23/32 (1135.9)	37 1/2 (952.5)	19 5/16 (490.5)	20 (508.0)	4.500 (114.30)	1 x 1/2 (25.4 x 12.7)	16.000 (406.40)	17.50 (444.5)	12	1/2-13	18 (457.2)	21 3/8 (542.9)	18 ^a
40 21/64 (1024.3)	33 5/32 (842.2)	13 5/16 (338.1)	14 (355.6)	4.500 (114.30)	1 x 1/2 (25.4 x 12.7)	16.000 (406.40)	17.50 (444.5)	12	1/2-13	18 (457.2)	15 11/32 (389.7)	12 ^a
44 5/8 (1133.5)	39 25/32 (1010.4)	19 15/16 (506.4)	20 5/8 (523.9)	4.750 (120.65)	1 1/4 x 5/8 (31.8 x 15.9)	18.000 (457.20)	19.75 (501.7)	12	5/8-11	23 (584.2)	22 27/32 (580.2)	18 ^a
36 3/32 (916.8)	30 25/32 (781.8)	10 15/16 (277.8)	11 5/8 (295.3)	4.750 (120.65)	1 1/4 x 5/8 (31.8 x 15.9)	18.000 (457.20)	19.75 (501.7)	12	5/8-11	23 (584.2)	13 13/16 (350.8)	10
47 5/8 (1209.7)	42 25/32 (1086.6)	22 15/16 (582.6)	23 5/8 (600.1)	4.750 (120.65)	1 1/4 x 5/8 (31.8 x 15.9)	18.000 (457.20)	19.75 (501.7)	12	5/8-11	23 (584.2)	25 27/32 (656.4)	22 ^b

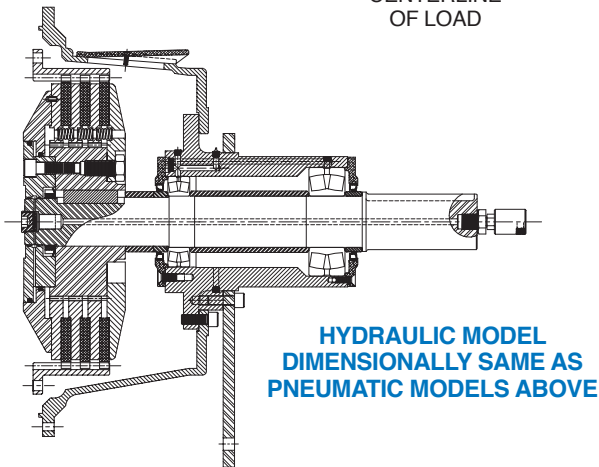
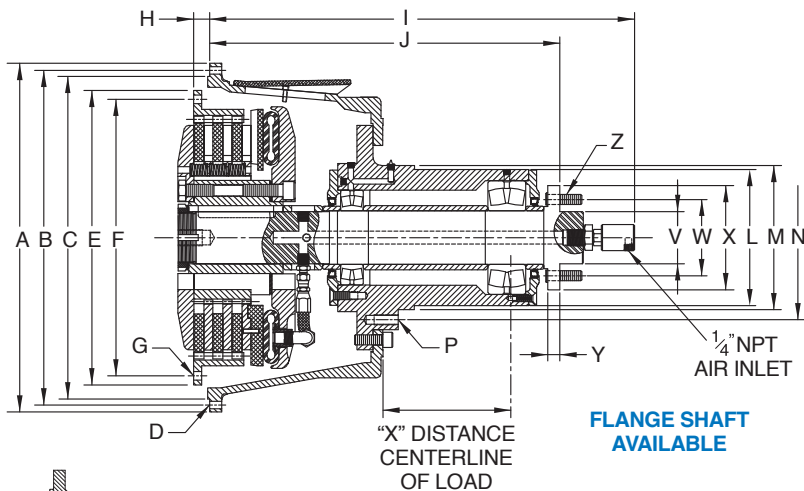
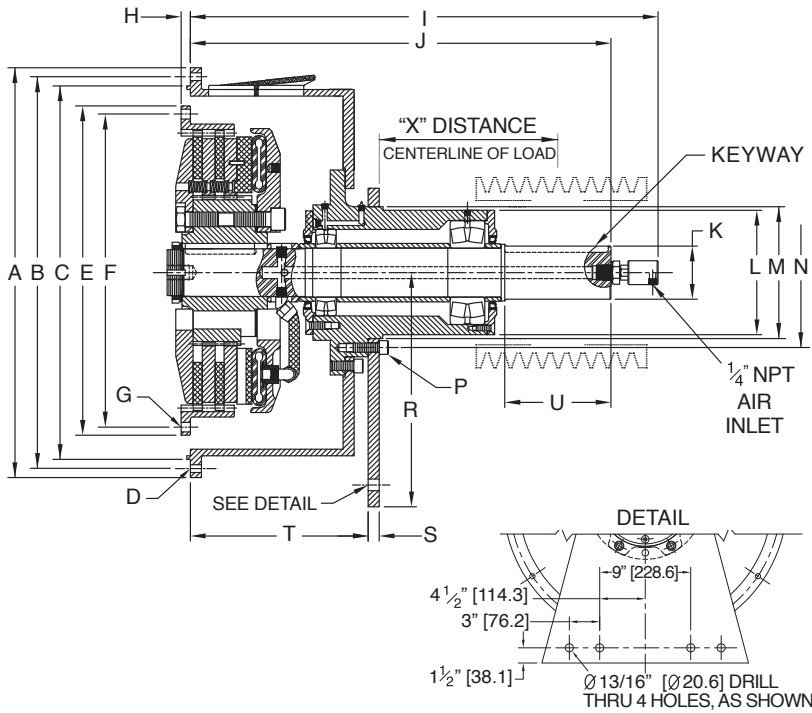
For PTO Selection Guide, see page 6

“X” DISTANCE inches (mm)									
	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)	16 (406.4)	
	29,400 (13340)	28,070 (12730)	25,770 (11690)	23,820 (10800)					
	30,240 (13720)	28,850 (13090)	26,480 (12010)	24,470 (11100)					
	31,710 (14380)	30,200 (13700)	27,720 (12570)	25,620 (11620)					
	33,530 (15210)	31,890 (14470)	29,270 (13280)	27,050 (12270)					
	22,810 (10350)	24,510 (11120)	26,470 (12010)	28,770 (13050)	29,200 (13250)	27,280 (12370)	25,590 (11610)	24,100 (10930)	
	23,460 (10640)	25,200 (11430)	27,220 (12350)	29,580 (13420)	30,000 (13610)	28,030 (12710)	26,290 (11930)	24,770 (11240)	
	24,600 (11160)	26,420 (11980)	28,540 (12950)	31,020 (14070)	31,410 (14250)	29,350 (13310)	27,530 (12490)	25,930 (11760)	
	26,010 (11800)	27,940 (12670)	30,180 (13690)	32,800 (14880)	33,170 (15050)	30,990 (14060)	29,070 (13190)	27,380 (12420)	
	29,700 (13470)	28,940 (13130)	26,560 (12050)	24,550 (11140)					
	31,170 (14140)	30,290 (13740)	27,800 (12610)	25,690 (11650)					
	33,000 (14970)	31,970 (14500)	29,350 (13310)	27,120 (12300)					
	35,380 (16050)	34,160 (15490)	31,360 (14220)	28,980 (13150)					
	23,010 (10440)	24,710 (11210)	26,690 (12110)	29,010 (13160)	30,150 (13680)	28,160 (12770)	26,420 (11980)	24,880 (11290)	
	24,140 (10950)	25,930 (11760)	28,000 (12700)	30,440 (13810)	31,560 (14320)	29,480 (13370)	27,660 (12550)	26,050 (11820)	
	25,560 (11590)	27,450 (12450)	29,640 (13440)	32,220 (14610)	33,320 (15110)	31,120 (14120)	29,200 (13250)	27,500 (12470)	
	27,390 (12420)	29,420 (13340)	31,780 (14420)	34,540 (15670)	35,610 (16150)	33,260 (15090)	31,210 (14160)	29,390 (13330)	
	24,110 (10940)	25,880 (11740)	27,930 (12670)	30,330 (13760)	31,440 (14260)	29,430 (13350)	27,670 (12550)		
	25,540 (11580)	27,410 (12430)	29,590 (13420)	32,130 (14570)	33,180 (15050)	31,060 (14090)	29,190 (13240)		
	27,400 (12430)	29,420 (13340)	31,740 (14400)	34,470 (15640)	35,450 (16080)	33,180 (15050)	31,190 (14150)		
	28,580 (12960)	26,090 (11830)							
	30,160 (13680)	27,530 (12490)							
	32,210 (14610)	29,400 (13340)							
		29,210 (13250)	31,070 (14090)	31,070 (14,090)	28,940 (13130)	27,090 (12290)	25,460 (11550)	24,010 (10890)	
		30,920 (14030)	32,900 (14920)	32,790 (14,870)	30,550 (13860)	28,590 (12970)	26,870 (12190)	25,350 (11500)	
		33,150 (15040)	35,280 (16000)	35,030 (15,890)	32,630 (14800)	30,540 (13850)	28,710 (13020)	27,080 (12280)	

Type 2

- Remote engagement
- Self-adjusting
- Hydraulic actuation available
- Kevlar® reinforced friction discs

Kevlar is a registered trademark of DuPont Inc.



HOUSING DIMENSIONS inches (mm)

SAE HSG #	A OUTSIDE DIA	B BOLT CIRCLE	C +0.000/-0.005 (+0.00/-0.13)	D HOLES	
				QTY	DIA
3	17 3/4 (450.9)	16.88 (428.6)	16.125 (409.58)	12	13/32 (10.3)
2	19 1/4 (489.0)	18.38 (466.7)	17.625 (447.68)	12	13/32 (10.3)
1	21 3/4 (552.5)	20.88 (530.2)	20.125 (511.18)	12	15/32 (11.9)
1/2	25 1/2 (647.7)	24.38 (619.1)	23.000 (584.20)	12	17/32 (13.5)
0	28 (711.2)	26.75 (679.5)	25.500 (647.70)	16	17/32 (13.5)

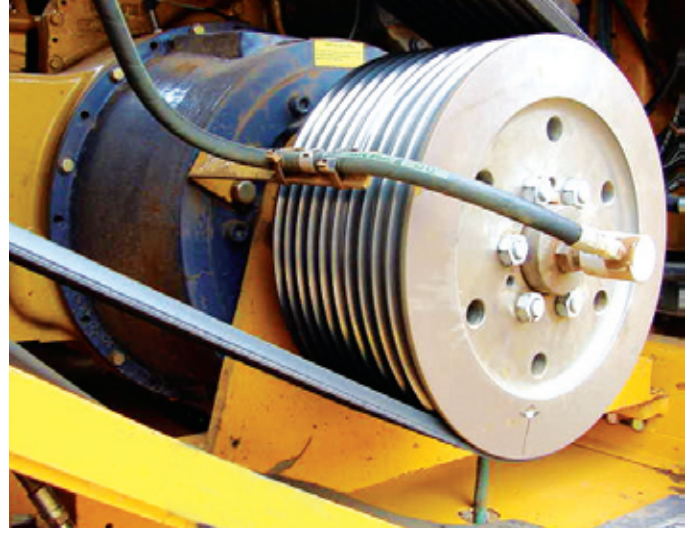
DIMENSIONS inches (mm)

SIZE/ MODEL	SAE HSG #	E +0.000/-0.005 (+0.00/-0.13)	F BOLT CIRCLE	G HOLES		H	I
				QTY	DIA		
211/311	#2,3	13.875 (352.43)	13.13 (333.4)	8	13/32 (10.3)	1 9/16 (39.7)	17 55/64 (453.8)
214/314H	#1,0	18.375 (466.73)	17.25 (438.2)	8	17/32 (13.5)	1 (25.4)	31 9/16 (799.2)
214/314H COMPACT	#1	18.375 (466.73)	17.25 (438.2)	8	17/32 (13.5)	1 (25.4)	20 27/64 (518.6)
214/314H FLG SHAFT	#1	18.375 (466.73)	17.25 (438.2)	8	17/32 (13.5)	1 (25.4)	26 1/2 (673.1)
218/318	#0	22.500 (571.50)	21.38 (542.9)	6	21/32 (16.7)	5/8 (15.9)	31 29/32 (810.4)
218/318 FLG SHAFT	#0	22.500 (571.50)	21.38 (542.9)	6	21/32 (16.7)	5/8 (15.9)	31 29/32 (810.4)

ALLOWABLE SIDE-PULL LOADS lbs (kgs)

SIZE/TYPE	RPM				
		2 (50.8)	3 (76.2)	4 (101.6)	
211/311	2500	2760 (1250)	2390 (1080)	2110 (960)	
	2300	2830 (1280)	2450 (1110)	2160 (980)	
	2100	2910 (1320)	2520 (1140)	2220 (1010)	
	1800	3040 (1380)	2630 (1190)	2320 (1050)	
214/314H 218/318	2300	9820 (4460)	9040 (4110)	8380 (3810)	
	2100	10090 (4590)	9290 (4220)	8610 (3910)	
	1800	10560 (4800)	9720 (4420)	9010 (4100)	
	1500	11140 (5060)	10260 (4660)	9510 (4320)	
214/314H COMPACT	2300	7860 (3570)	6910 (3140)	6170 (2800)	
	2100	8070 (3670)	7100 (3230)	6340 (2880)	
	1800	8450 (3840)	7430 (3380)	6640 (3020)	
	1500	8910 (4050)	7840 (3560)	7000 (3180)	

Certified Prints Available on Request



J	K +0.00/-0.01 (+0.00/-0.03)	KEYWAY	L	M +0.00/-0.002 (+0.00/-0.05)	N BOLT CIRCLE	P HOLES		R	S	T	U	V	W	X +0.00/-0.004 (+0.00/-0.10)	Y	Z STUDS	
						QTY	TAP									QTY	THD
16 47/64 (425.2)	2.750 (69.85)	5/8 x 5/16 (15.9 x 7.9)	7 7/16 (188.9)	-	-	-	-	-	-	5 5/8 (142.9)	5 1/16 (128.6)	-	-	-	-	-	-
28 11/32 (719.9)	3.625 (92.08)	7/8 x 7/16 (22.2 x 11.1)	8 1/2 (215.9)	9.000 (228.60)	10.25 (260.4)	6	5/8-11	16 (406.4)	3/4 (19.1)	11 49/64 (298.8)	7 1/4 (184.2)	-	-	-	-	-	-
19 19/64 (490.0)	3.543 (90.00)	25mm x 5.4mm	9 (228.6)	9.646 (245.00)	10.83 (275.0)	6	M14	-	-	11 49/64 (298.8)	5 33/64 (140.0)	-	-	-	-	-	-
21 27/32 (554.8)	-	-	8 1/2 (215.9)	9.000 (228.60)	10.25 (260.4)	6	5/8-11	-	-	11 49/64 (298.8)	-	3 1/4 (82.6)	4.75 (120.7)	6.514 (165.46)	3/4 (19.1)	6	5/8-18
28 11/16 (728.7)	3.625 (92.08)	7/8 x 7/16 (22.2 x 11.1)	8 1/2 (215.9)	9.000 (228.60)	10.25 (260.4)	6	5/8-11	16 (406.4)	3/4 (19.1)	12 9/64 (308.4)	7 1/4 (184.2)	-	-	-	-	-	-
28 11/16 (728.7)	-	-	8 1/2 (215.9)	9.000 (228.60)	10.25 (260.4)	6	5/8-11	-	-	12 9/64 (308.4)	-	3 1/4 (82.6)	4.75 (120.7)	6.514 (165.46)	3/4 (19.1)	6	5/8-18



For PTO Selection Guide, see page 6

“X” DISTANCE inches (mm)												
5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)	16 (406.4)	
1880 (850)	1700 (770)	1550 (700)	1430 (650)	1280 (580)	1160 (530)							
1930 (880)	1750 (790)	1590 (720)	1460 (660)	1310 (600)	1200 (550)							
1980 (900)	1790 (810)	1640 (740)	1500 (680)	1360 (620)	1230 (560)							
2080 (940)	1880 (850)	1710 (780)	1570 (710)	1460 (660)	1300 (590)							
710 (3550)	7310 (3320)	6870 (3120)	6480 (2950)	6140 (2790)	5820 (2650)	5540 (2520)	5290 (2400)	5050 (2300)	4840 (2200)	4640 (2110)	4460 (2030)	
8020 (3650)	7510 (3410)	7060 (3210)	6660 (3030)	6300 (2860)	5980 (2720)	5690 (2590)	5430 (2470)	5190 (2360)	4970 (2170)	4770 (2260)	4580 (2080)	
8400 (3820)	7860 (3570)	7390 (3360)	6970 (3170)	6600 (3000)	6260 (2850)	5960 (2710)	5680 (2580)	5430 (2470)	5200 (2360)	4990 (2270)	4800 (2180)	
8860 (4030)	8300 (3770)	7800 (3550)	7360 (3350)	6960 (3160)	6610 (3000)	6290 (2860)	6000 (2730)	5740 (2610)	5490 (2500)	5270 (2400)	5070 (2300)	
5580 (2540)	4760 (2160)	4060 (1850)	3540 (1610)	3140 (1430)	2820 (1280)							
5730 (2800)	4900 (2230)	4180 (1900)	3640 (1650)	3230 (1470)	2900 (1320)							
5990 (2720)	5150 (2340)	4390 (2000)	3830 (1740)	3390 (1540)	3050 (1390)							
6330 (2880)	5460 (2480)	4660 (2120)	4060 (1850)	3600 (1640)	3230 (1470)							

PTO Selection Guide

STEP ONE

Select Type

Use one of the formulas below for determining the actual applied load:

$$\textcircled{1} \quad L = \frac{126,000 \times \text{HP}}{N \times D} \times F \times SF$$

$$\textcircled{2} \quad L = \frac{1,945,000 \times \text{kW}}{N \times D} \times F \times SF$$

L = Actual Applied Load (lbs. for ① and Kgs for ②)

N = Shaft Speed (RPM)

D = Pitch Diameter (in. for ① and mm for ②)

F = Load Factor

1.0 for Chain Drive or Gear Drive

1.5 for Timing Belts

2.5 for All V-belts

SF = Service Factor

2.1 for Reciprocating Compressors and other severe shock drives

1.8 for Large Inertia Drives such as Crushers, Chippers and Planers

Refer to Type 1 or Type 2 "Allowable Side Pull Load"

STEP TWO

Select Clutch Size

Use one of the following formulas for determining the clutch size based on horsepower or Kilowatts per 100 RPM:

$$\frac{\text{HP} \times 100}{\text{RPM}} = \text{HP/100 RPM}$$

$$\frac{\text{kW} \times 100}{\text{RPM}} = \text{kW/100 RPM}$$

HP = Maximum rated engine horsepower

kW = Maximum rated engine Kilowatts

RPM = Shaft Speed

CLUTCH SIZE	MAXIMUM HP (kW)/ 100 RPM
211	10 (7.5)
311	15 (11.2)
214H	21 (15.7)
314H	32 (23.9)
218	40 (29.8)
318	60 (44.7)
321	114 (85.0)

Consult WPT Engineering for application assistance and applicable safety/service factors.

Maximum Horsepower (kW) Ratings



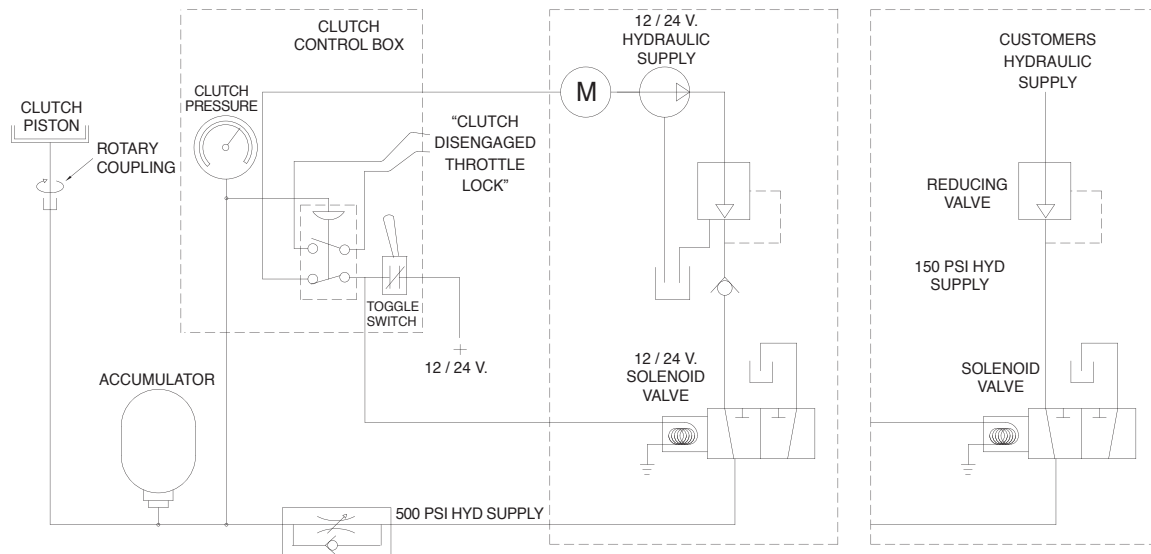
CLUTCH SIZE	@ 1200 RPM	@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	@ 2500 RPM
211		180 (135)	210 (155)	230 (170)	250 (185)
311		270 (200)	315 (235)	345 (255)	375 (280)
214H		380 (280)	440 (330)	485 (360)	
314H		575 (430)	670 (500)	735 (550)	
218	480 (360)	720 (535)	840 (625)		
318	720 (535)	1080 (805)	1260 (940)		
321	1365 (1020)	2050 (1530)			

Do not exceed maximum ratings without consulting WPT Engineering Department.

Suggested Remote Actuation Control Circuits

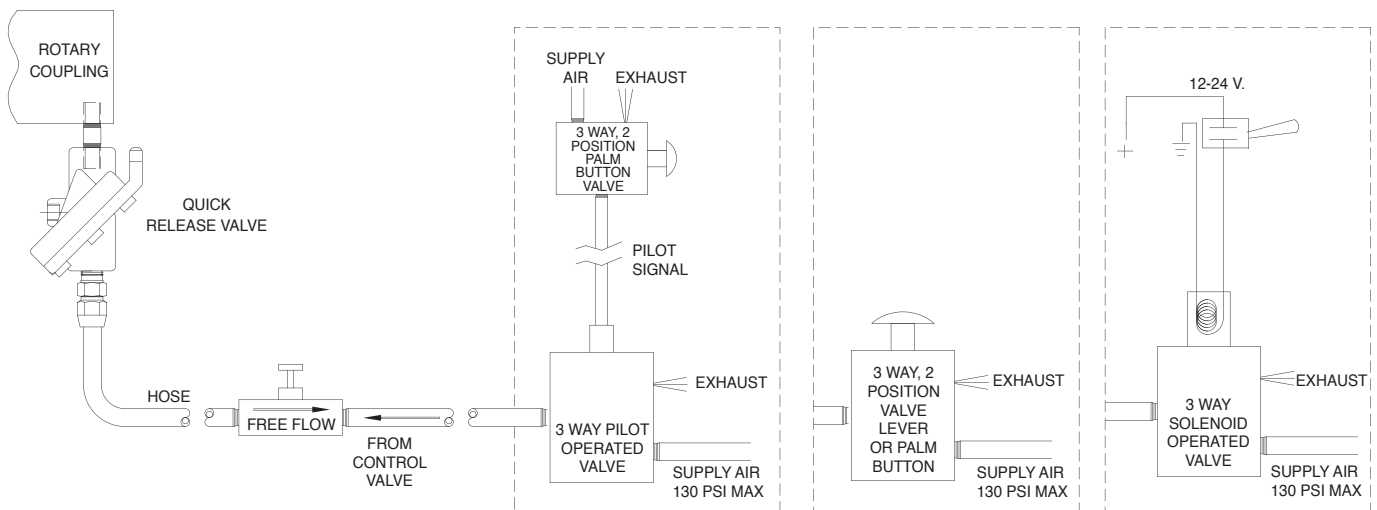
Hydraulic Actuation

This hydraulic schematic represents two possible methods for remote actuation control, however the possibilities are not limited to these two examples. This schematic is intended for a general understanding of the hydraulic remote actuation control process.



Air Actuation

This schematic represents three possible pneumatic remote actuation control circuits. Once again, the possibilities are not limited to these examples. These suggestions are intended for a general understanding of the pneumatic remote actuation control process.

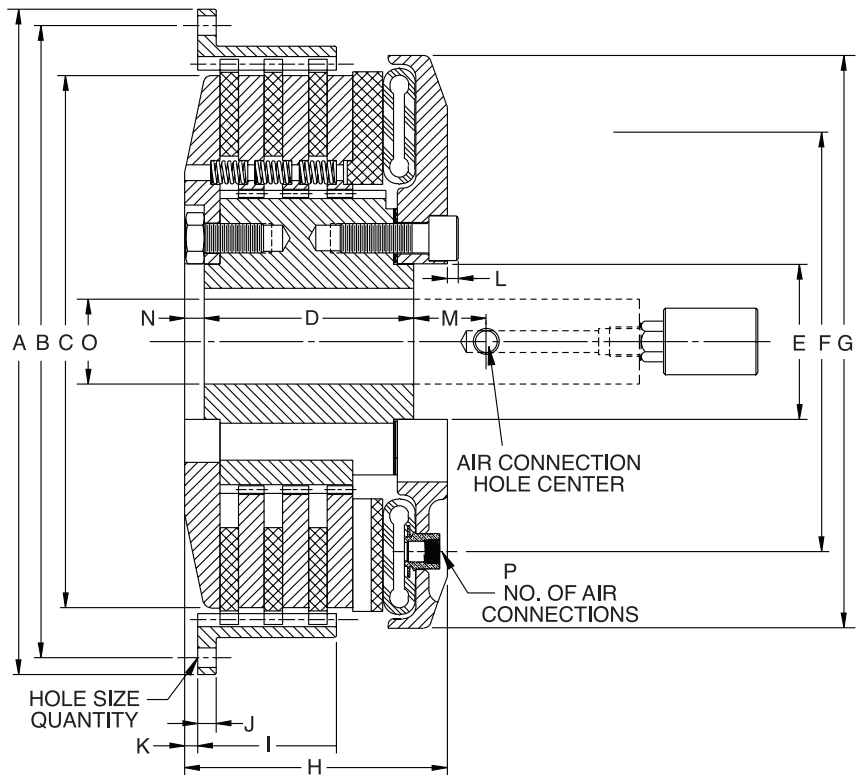


Power Grip High Speed Clutches

Power Grip High Speed Clutches are designed to withstand severe applications mounted to internal combustion engines. The drive rings will fit standard SAE industrial flywheels. Heavy duty laminated gear teeth friction discs are designed to withstand heavy shock loads and torsional vibrations. Clutches are balanced to the maximum speeds shown below. Do not exceed the capacities in the chart below for internal combustion engines.

CLUTCH SIZE	MAX HP (kW) PER 100 RPM	MAX HP (kW) @ MAX RPM	MAX SPEED RPM
214H	21 (15.7)	485 (360)	2,300
314H	32 (23.9)	735 (550)	2,300
218	40 (29.8)	840 (625)	2,100
318	60 (44.7)	1,260 (940)	2,100
321	114 (85.0)	2,050 (1530)	1,800

For starting high inertia loads requiring more than a 2-3 second start, consult WPT Engineering for selection assistance.



DIMENSIONS inches (mm)

SIZE	A +0.000/-0.005 (+0.000/-0.13)	B	HOLE SIZE	QTY	C	D	E	F	G	H	I	J	K
214H	18.375 (466.73)	17 1/4 (438.15)	17/32 (13.49)	8	14 (355.60)	5 3/4 (146.05)	4 1/2 (114.30)	12 1/2 (317.50)	16 5/16 (414.34)	6 1/2 (165.10)	2 3/8 (60.33)	1/2 (12.70)	3/4 (19.05)
314H	18.375 (466.73)	17 1/4 (438.15)	17/32 (13.49)	8	14 (355.60)	7 3/16 (182.56)	4 1/2 (114.30)	12 1/2 (317.50)	16 5/16 (414.34)	8 (203.20)	4 (101.60)	1/2 (12.70)	3/4 (19.05)
218	22.500 (571.50)	21 3/8 (542.93)	21/32 (16.67)	6	18 (457.20)	5 13/16 (147.64)	5 1/4 (133.35)	14 3/16 (360.36)	20 (508.00)	7 1/8 (180.98)	3 5/8 (92.08)	5/8 (15.88)	3/8 (9.53)
318	22.500 (571.50)	21 3/8 (542.93)	21/32 (16.67)	6	18 (457.20)	7 3/4 (196.85)	5 1/4 (133.35)	14 3/16 (360.36)	20 (508.00)	8 7/8 (225.43)	4 11/16 (119.06)	5/8 (15.88)	3/8 (9.53)
321	26.500 (673.10)	22 1/4 (571.50)	21/32 (16.67)	12	21 (533.40)	8 5/8 (219.08)	7 (177.80)	16 (406.40)	21 5/16 (541.34)	10 1/8 (257.18)	5 (127.00)	5/8 (15.88)	3/4 (19.05)



SIZE	L	M	N	O MIN	O MAX	P QTY
214H	—	2 1/4 (57.15)	—	2.13 (54.0)	3.25 (82.6)	2
314H	—	2 1/4 (57.15)	—	2.13 (54.0)	3.25 (82.6)	2
218	3/8 (9.53)	2 7/16 (61.91)	7/16 (11.11)	2.38 (60.3)	3.88 (98.4)	3
318	3/8 (9.53)	2 7/16 (61.91)	—	2.38 (60.3)	3.88 (98.4)	3
321	1 (25.40)	2 3/8 (60.33)	1/2 (12.70)	2.75 (69.9)	4.75 (120.7)	3

Driving ring mounts to standard SAE industrial flywheel.

Larger bore sizes may be accommodated. Consult with WPT Engineering.

Mechanical Over-Center Power Take-Off Clutches

Ideal for the following engine driven equipment:

- Irrigation
- Woodchippers
- Tub Grinders
- Marine
- Construction
- Pump Drives

- Inline and side-load applications
- 6" thru 14" available (20 hp/15 kW up to 582 hp/434 kW)
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- Ball bearing throw-out collars optional
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- 13" Mechanical "Automotive Style" Clutch Available!



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