



# LIGHT DUTY (FHP) DRIVE SELECTION

## APPROXIMATE CENTER DISTANCES (in inches)

Installation allowance	Take-up	Belt length	Sum of Both V-Belt Sheave Diameters																	
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1/2	1/2	16	4.9	4.1																
3/8	1/2	18	5.9	5.1																
3/8	1/2	20	6.9	6.1	5.2															
3/8	1/2	22	7.9	7.1	6.2															
3/8	1/2	24	8.9	8.1	7.2	6.3														
3/8	1/2	26	9.9	9.1	8.2	7.3	6.5													
3/8	1/2	28	10.9	10.1	9.2	8.4	7.6	6.6												
3/8	1/2	30	11.9	11.1	10.2	9.4	8.6	7.7												
3/8	1/2	32	12.9	12.1	11.2	10.4	9.6	8.7	8.0											
3/8	1/2	34	13.9	13.1	12.2	11.4	10.6	9.7	9.0											
3/8	1/2	36	14.9	14.1	13.2	12.4	11.6	10.7	10.0	9.0										
3/8	1/2	38	15.9	15.1	14.2	13.4	12.6	11.8	11.0	10.0	9.1									
3/4	1/2	40	16.9	16.1	15.3	14.4	13.6	12.8	12.0	11.1	10.1									
3/4	1/2	42	17.9	17.1	16.3	15.4	14.6	13.8	13.1	12.1	11.2	10.2								
3/4	1/2	44	18.9	18.1	17.3	16.4	15.6	14.8	14.1	13.1	12.2	11.2								
3/4	1/2	46	19.9	19.1	18.3	17.4	16.6	15.8	15.1	14.1	13.2	12.3	10.9							
3/4	1/2	48	20.9	20.1	19.3	18.4	17.7	16.8	16.1	15.1	14.3	13.3	12.0	11.3						
3/4	1/2	50	21.9	21.1	20.3	19.4	18.7	17.8	17.1	16.2	15.3	14.4	13.1	12.4	11.7					
3/4	1/2	52	22.9	22.1	21.3	20.4	19.7	18.8	18.1	17.2	16.3	15.4	14.1	13.5	12.8					
3/4	1/2	54	23.9	23.1	22.3	21.4	20.7	19.8	19.1	18.2	17.3	16.4	15.2	14.5	13.8	13.2				
3/4	1/2	56	24.9	24.1	23.3	22.4	21.7	20.8	20.1	19.2	18.3	17.4	16.2	15.6	14.9	14.2				
3/4	1/2	58	25.9	25.1	24.3	23.4	22.7	21.8	21.1	20.2	19.3	18.5	17.3	16.6	15.9	15.2	13.5			
7/8	3/4	60	26.9	26.1	25.3	24.5	23.7	22.8	22.1	21.2	20.4	19.5	18.3	17.6	17.0	16.3	14.6	14.0		
7/8	3/4	62	27.9	27.1	26.3	25.5	24.7	23.8	23.1	22.2	21.4	20.5	19.4	18.7	18.0	17.3	15.7	15.1		
7/8	3/4	64	28.9	28.1	27.3	26.5	25.7	24.8	24.1	23.2	22.4	21.5	20.4	19.7	19.0	18.3	16.8	16.1	15.5	
7/8	3/4	66	29.9	29.1	28.3	27.5	26.7	25.9	25.1	24.2	23.4	22.5	21.4	20.7	20.0	19.3	17.8	17.2	16.5	14.9
7/8	3/4	68	30.9	30.1	29.3	28.5	27.7	26.9	26.1	25.2	24.4	23.5	22.4	21.7	21.0	20.3	18.9	18.2	17.6	16.0
7/8	3/4	70	31.9	31.1	30.3	29.5	28.7	27.9	27.1	26.2	25.4	24.5	23.5	22.8	22.1	21.4	20.0	19.3	18.6	17.1
7/8	3/4	72	32.9	32.1	31.3	30.5	29.7	28.9	28.1	27.2	26.4	25.5	24.5	23.8	23.1	22.4	21.0	20.3	19.6	18.2
7/8	3/4	74	33.9	33.1	32.3	31.5	30.7	29.9	29.1	28.2	27.4	26.5	25.5	24.8	24.1	23.4	22.0	21.3	20.6	19.2
7/8	3/4	76	34.9	34.1	33.3	32.5	31.7	30.9	30.1	29.2	28.4	27.6	26.5	25.8	25.1	24.4	23.1	22.4	21.7	20.3
7/8	3/4	78	35.9	35.1	34.2	33.5	32.7	31.9	31.1	30.2	29.4	28.6	27.5	26.8	26.1	25.4	24.1	23.4	22.7	21.3
7/8	3/4	80	36.9	36.1	35.3	34.5	33.7	32.9	32.1	31.3	30.4	29.6	28.6	27.9	27.1	26.4	25.1	24.5	23.8	22.4
7/8	3/4	82	37.6	36.7	35.9	35.1	34.3	33.5	32.7	31.9	31.0	30.2	29.2	28.5	27.8	27.0	25.8	25.1	24.4	23.1
7/8	3/4	84	38.9	38.1	37.3	36.5	35.7	34.9	34.1	33.3	32.4	31.6	30.6	29.9	29.2	28.4	27.2	26.5	25.8	24.5
7/8	3/4	86	39.6	38.7	37.9	37.1	36.3	35.5	34.7	33.9	33.0	32.2	31.2	30.5	29.8	29.0	27.8	27.1	26.4	25.2
7/8	3/4	88	40.9	40.1	39.3	38.5	37.7	36.9	36.1	35.3	34.4	33.6	32.6	31.9	31.2	30.4	29.2	28.5	27.8	26.6
7/8	3/4	90	41.9	41.1	40.3	39.5	38.7	37.9	37.1	36.3	35.5	34.6	33.6	32.9	32.2	31.4	30.2	29.5	28.8	27.6
7/8	3/4	92	42.9	42.1	41.3	40.5	39.7	38.9	38.1	37.3	36.5	35.6	34.6	33.9	33.2	32.5	31.3	30.6	29.9	28.7
7/8	3/4	94	43.9	43.1	42.3	41.5	40.7	39.9	39.1	38.3	37.5	36.6	35.6	34.9	34.2	33.5	32.3	31.6	30.9	29.7
7/8	3/4	96	44.9	44.1	43.3	42.5	41.7	40.9	40.1	39.3	38.5	37.6	36.7	35.9	35.2	34.5	33.3	32.6	31.9	30.7
7/8	3/4	98	45.9	45.1	44.3	43.5	42.7	41.9	41.1	40.3	39.5	38.6	37.7	36.9	36.2	35.5	34.3	33.6	32.9	31.7
7/8	3/4	100	46.9	46.1	45.3	44.5	43.7	42.9	42.1	41.3	40.5	39.6	38.7	37.9	37.2	36.5	35.3	34.6	33.9	32.8

The centers shown in this shaded area are below the recommended minimum.

This table provides approximate center distances for the great majority of V-Belt Drives. It is calculated for 1 to 3 sheave diameters, but gives useful approximations for all other ratios.

### HOW TO SPECIFY DRIVE

When ordering complete information must be given. The following must be known before we can furnish the correct material:

1. Complete part number and bore for each sheave.
2. Cross section and length of belt.
3. When a special sheave is required submit sketch showing pitch diameter, number and size of grooves, bore and keyseat, and length and location of hub.

Unless large quantities are required it is recommended that standard stock sheaves be used, if at all possible.