

FLUID POWER DATA

PUMP MOTOR ADAPTER INFORMATION



Fluid Power Data

| Electric Motor | | HP | .25-.75 | 1 | 1.5-2 | 3 | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 100 | |
|--------------------|---|--------------|---------|---------|----------------------------------|-------------------------|-------------------------|----------------------------------|-------------------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|----------------|
| Frame | | | 56TC | 143TC | 145TC | 182TC | 184TC | 213TC | 215TC | 254TC | 256TC | 284TC | 286TC | 324TC | 326TC | 364TC | 365TC | 405TSC | |
| "AK" Pilot Dia. | | | 4 1/2 | 4 1/2 | 4 1/2 | 8 1/2 | 8 1/2 | 8 1/2 | 8 1/2 | 8 1/2 | 8 1/2 | 10 1/2 | 10 1/2 | 12 1/2 | 12 1/2 | 12 1/2 | 12 1/2 | 12 1/2 | |
| Shaft | Dia. | | 5/8 | 7/8 | 7/8 | 1 1/8 | 1 1/8 | 1 3/8 | 1 3/8 | 1 5/8 | 1 5/8 | 1 7/8 | 1 7/8 | 2 1/8 | 2 1/8 | 2 3/8 | 2 3/8 | 2 7/8 | |
| | Key | | 3/16 | 3/16 | 3/16 | 1/4 | 1/4 | 5/16 | 5/16 | 3/8 | 3/8 | 1/2 | 1/2 | 1/2 | 1/2 | 5/8 | 5/8 | 3/4 | |
| "AH" Length | | | 2 1/16 | 2 1/8 | 2 1/8 | 2 5/8 | 2 5/8 | 3 1/8 | 3 1/8 | 3 3/4 | 3 3/4 | 4 3/8 | 4 3/8 | 5 | 5 | 5 5/8 | 5 5/8 | 3 1/2 | |
| | | | (2.063) | (2.125) | (2.125) | (2.625) | (2.625) | (3.125) | (3.125) | (3.75) | (3.75) | (4.375) | (4.375) | | | (5.625) | (5.625) | (3.5) | |
| Coupling | | Series | L075 | L075 | L075 | L095 | L095 | L100 | L100 | L110 | L110 | L150 | L150 | L225 | L225 | L225 | L225H | L276 | |
| | | Max HP | 2.5 | 2.5 | 2.5 | 5.4 | 5.4 | 11.9 | 11.9 | 22 | 22 | 36 | 36 | 67 | 67 | 67 | 180 | 135 | |
| | | Spider | 10621 | 10621 | 10621 | 11070 | 11070 | 11494 | 11724 | 11724 | 11724 | 12001 | 12001 | 12409 | 12409 | 12409 | 12409 | 12400 | 12612 |
| | | Spider Width | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3/4 | 3/4 | 7/8 | 7/8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 5/8 |
| Gear | Pump | Shaft Dia. | Shaft L | Sq. Key | | | | | | | | | | | | | | | |
| | SAE AA GC Series (0.54 - 3.8) | 7/16 | 1.13 | 3/32 | (3.5) 170599 L075 10620 | (4.5) 150199 L075 | (4.5) 150199 L075 | (4.38) 2194 | (4.38) 2194 | (5.0) 2000 | | | | | | | | | |
| | SAE A PS Series (1.8 - 10.5) | 5/8 | 1.25 | 5/32 | (3.5) 170799 10620 | (4.25) 6028 | (4.25) 6028 | (5) 1960 | (5) 1960 | (5.81) 1959 | (5.81) 1959 | (6.81) 1950 | (6.81) 1950 | | | | | | |
| Vane | SAE B PS Series (8.6 - 29) | 7/8 | 1.63 | 1/4 | (4.25) 149199 10620 | (5.06) 149799 | (5.06) 149799 | (5) 1964 | (5) 1964 | (5.81) 1952 L099P | (5.81) 1952 | (6.81) 1951 | (6.81) 1951 | (7.19) 1979 | (7.19) 1979 | (8.88) 1969 | (8.88) 1969 | | |
| | SAE A PCV Series (3 - 5) | 1/2 | 1.42 | 1/8 | (4.25) 6028 | (4.25) 6028 | (4.25) 6028 | (5.06) 6042 | (5.06) 6042 | | | | | | | | | | |
| | 4HV PCV Series (8 - 10) | 3/4 | 1.45 | 3/16 | | | | (5.0) 1943 L090P | (5.0) 1943 | (5.81) 1944 | (5.81) 1944 | | | | | | | | |
| | SAE B 25V Series (15 - 31) | 7/8 | 1.97 | 3/16 | | | | (5.81) 1952 | (5.81) 1952 | (6.81) 1951 L099P | (6.81) 1951 | (6.81) 1951 | (6.81) 1951 | (8.88) 1980 | (8.88) 1980 | (8.88) 1969 | | | |
| | SAE B PCV14 | 1 | 1.81 | 3/16 | | | | (5.81) 1952 L100P L099M | (5.81) 1952 | (5.81) 1952 | (6.81) 1951 | (6.81) 1951 | | | | | | | |
| SAE C PCV30 | 1 1/4 | 3.35 | 5/16 | | | | | (7.38) 1956 | (7.38) 1956 | | | (8.88) 1982 | (8.88) 1982 | | | | | | |
| Piston | SAE A PCP4 PCP8 | 3/4 | 1.67 | 3/16 | | | (5.0) 1960 L095M | (5.0) 1960 | (5.81) 1959 | (5.81) 1959 | (6.81) 1950 | | | | | | | | |
| | SAE B PCP28 | 7/8 | 1.62 | 1/4 | | | | | (5.81) 1952 L099P | (5.81) 1952 | (6.81) 1951 | 6.81 1951 | (7.19) 1979 | (7.19) 1979 | (8.88) 1969 | (8.88) 1969 | | | |
| | SAE C PCP39 | 1 1/4 | 2.19 | 5/16 | | | | | (6.38) 1955 | (6.38) 1955 | (7.38) 1956 | (7.38) 1956 | (7.88) 1856 | (7.88) 1856 | (8.88) 1983 | (8.88) 1983 | (8.88) 1983 | (8.88) 1983 | |
| | SAE C PCP77 | 1 1/2 | 2.44 | 3/8 | | | | | | | | | (8.88) 1982 | (8.88) 1982 | (8.88) 1983 | (8.88) 1983 | (9.88) 260799 | (9.88) 260799 | (8.88) 1983 |

(5.81) Face to face adapter length
 1959 Adapter P/N
 L100M Coupling: P= Pump, M=Motor, Omit= Standard (listed at top)
 11070 Spider: P/N if different than standard (listed at top)/ H= Hytrel material