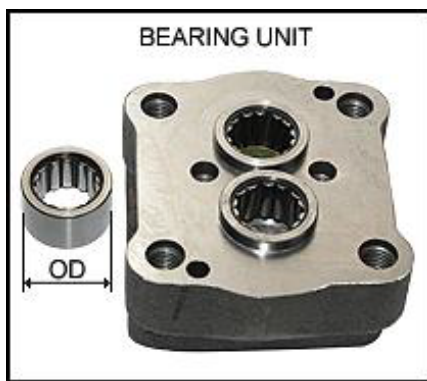


Identifying Hydraulic Gear Pumps

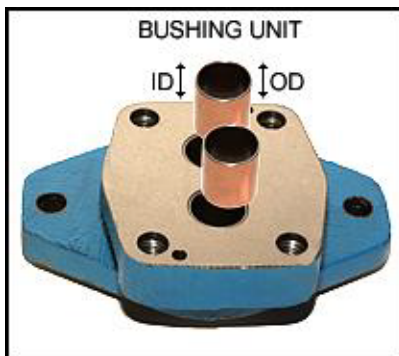
1.Type of Gear Support : Bearing or Bushing

Bearing Unit



Series	P15H	P37X	P20	P30-P31	P50-P51	P75-P76
Bearing OD	1.6	2.33	1.04	1.69	1.94	2.33

Bushing Unit



Series	P315	P330	P350	P365
Bushing ID	0.95	1.07	1.3	1.52
Bushing OD	1	1.18	1.46	1.67



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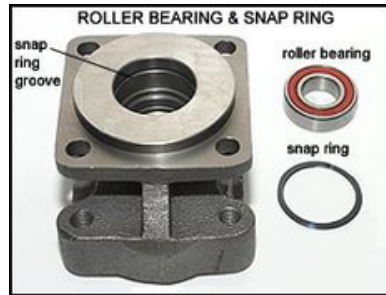
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2. Support Studs (Bolt or Threaded Rods)



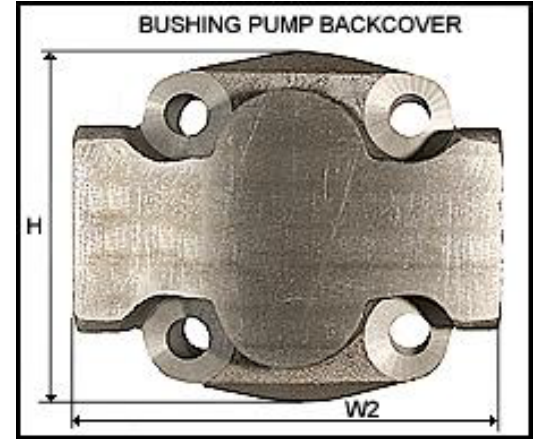
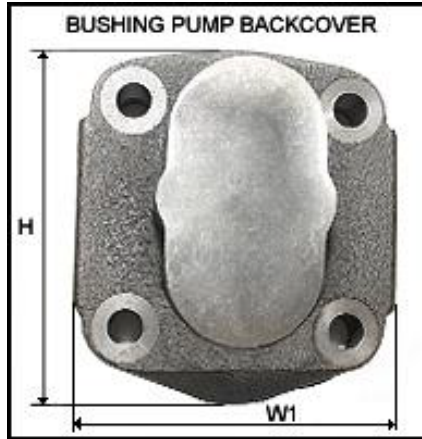
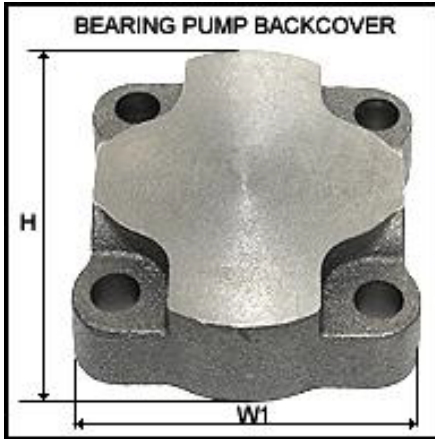
Series	P15H	P37X	P25x	P20	P30-P31	P50-P51	P75-P76	P315	P330	P350	P365
No. Studs	4	8	4	4	4	4	8	4	4	4	4
Thread	1/2"	1/2"	5/8"	9/16"	5/8"	5/8"	5/8"		5/8"	5/8"	5/8"

3. Front Bearing & Retainer



Series	P15H	P37X	P25x	P20	P30-P31	P50-P51	P75-P76	P315	P330	P350	P365
Ball Bearing	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
Bearing OD	2.4	NO	NO	2	2	2.8	315	NO	2	2.8	3.15
Snap Ring	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
Tapped Bearing	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO
Brg Cone OD	NO			NO	NO	NO	NO	NO	NO	NO	NO
Threaded Retainer	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO

4. Back Cover Dimensions



Series	P15H	P37X	P25x	P20	P30-P31	P50-P51	P75-P76	P315	P330	P350	P365
Dimension-1	3.375	5.25	4.94	4.7	4.81	4.94	6.13	4	4.8	5.75	6.25
Dimension-2	5.25	7.31	6	5	5.38	6	7.88	4.24	6.88	7.12	7.38
Dimension-H	15.25	7.31	6	5	5.38	6	7.88	4.31	5.38	6	7

5. Gear Set Dimensions



Series	P15H	P37X	P25x	P20	P30-P31	P50-P51	P75-P76	P315	P330	P350	P365
Number of Teeth	14	12	10	10	10	10	10	10	10	10	9
Dimension-D	2	2.79	2.39	2.1	2.1	2.39	3	1.76	2.1	2.4	2.74

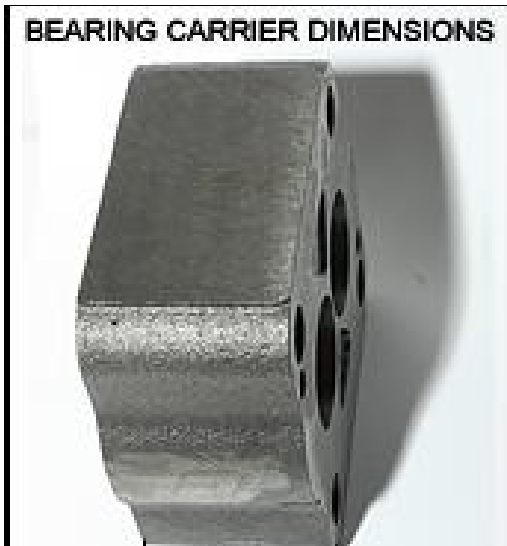


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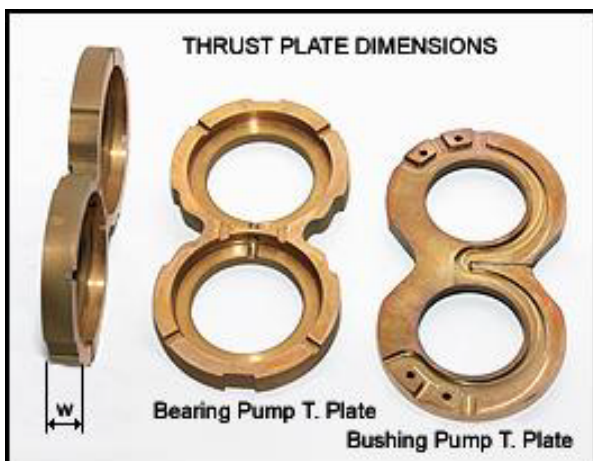
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6. Bearing Carrier Dimensions



Series	P15H	P37X	P25x	P20	P30-P31	P50-P51	P75-P76	P315	P330	P350	P365
Dimension-W	2.5	3	2.88	2.5	2.5	2.88	3	2.62	3.5	3.5	4

7. Thrust Plate Dimensions



Series	P15H	P37X	P25x	P20	P30-P31	P50-P51	P75-P76	P315	P330	P350	P365
Dimension-W	0.38	0.5	0.38	0.38	0.38	0.38	0.5	0.4	0.25	0.25	0.25