



RODAVIGO, S.A.
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Servicio de Att. al Cliente

FYH

AIR HANDLING UNITS





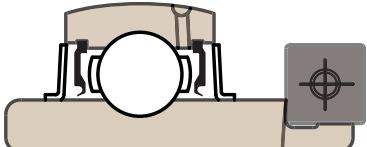
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FYH BEARING UNITS USA, INC.

fyhbearings.com



The FYH Air Handling Series is designed for a wide variety of highly demanding HVAC and air handling applications.

SUFFIX																																																																																							
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="width: 20px; height: 100%; background: linear-gradient(to bottom, #00aaff, #000000); margin-bottom: 10px;"></div> <div style="width: 20px; height: 100%; background: linear-gradient(to bottom, #000000, #00aaff); margin-bottom: 10px;"></div> <div style="width: 20px; height: 100%; background: linear-gradient(to bottom, #00aaff, #000000);"></div> </div>	P18	<p>P18 is the suffix code that designates smaller bore tolerance which allows for a tighter fit with the shaft. This, in turn, reduces vibration and noise and dramatically increases bearing life.</p> <p style="text-align: center;">Tolerance and tolerance values of inner rings of P18 suffix (unit: µm)</p> <table border="1"> <thead> <tr> <th colspan="2">Nominal bearing bore dia. d (mm)</th> <th colspan="2">Variation of tolerance of average bore dia. in plane Δ_{dmp}</th> <th>Unequal bore dia. in plane V_{dp}</th> <th>Radial runout of inner ring K_{ia}</th> </tr> <tr> <th>Over</th> <th>Incl.</th> <th>Max.</th> <th>Min.</th> <th>Max.</th> <th>Max.</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>10</td> <td>+13</td> <td>0</td> <td>6</td> <td>7</td> </tr> <tr> <td>10</td> <td>18</td> <td>+13</td> <td>0</td> <td>6</td> <td>8</td> </tr> <tr> <td>18</td> <td>31.75</td> <td>+13</td> <td>0</td> <td>10</td> <td>10</td> </tr> <tr> <td>31.75</td> <td>50.8</td> <td>+15</td> <td>0</td> <td>10</td> <td>10</td> </tr> <tr> <td>50.8</td> <td>80</td> <td>+18</td> <td>0</td> <td>14</td> <td>13</td> </tr> </tbody> </table> <p style="text-align: center;">Tolerance and tolerance values of inner rings of ISO standard (unit: µm)</p> <table border="1"> <thead> <tr> <th colspan="2">Nominal bearing bore dia. d (mm)</th> <th colspan="2">Variation of tolerance of average bore dia. in plane Δ_{dmp}</th> <th>Unequal bore dia. in plane V_{dp}</th> <th>Radial runout of inner ring K_{ia}</th> </tr> <tr> <th>Over</th> <th>Incl.</th> <th>Max.</th> <th>Min.</th> <th>Max.</th> <th>Max.</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>10</td> <td>+15</td> <td>0</td> <td>10</td> <td>10</td> </tr> <tr> <td>10</td> <td>18</td> <td>+15</td> <td>0</td> <td>10</td> <td>15</td> </tr> <tr> <td>18</td> <td>31.75</td> <td>+18</td> <td>0</td> <td>12</td> <td>18</td> </tr> <tr> <td>31.75</td> <td>50.8</td> <td>+21</td> <td>0</td> <td>14</td> <td>20</td> </tr> <tr> <td>50.8</td> <td>80</td> <td>+24</td> <td>0</td> <td>16</td> <td>25</td> </tr> </tbody> </table>	Nominal bearing bore dia. d (mm)		Variation of tolerance of average bore dia. in plane Δ_{dmp}		Unequal bore dia. in plane V_{dp}	Radial runout of inner ring K_{ia}	Over	Incl.	Max.	Min.	Max.	Max.	-	10	+13	0	6	7	10	18	+13	0	6	8	18	31.75	+13	0	10	10	31.75	50.8	+15	0	10	10	50.8	80	+18	0	14	13	Nominal bearing bore dia. d (mm)		Variation of tolerance of average bore dia. in plane Δ_{dmp}		Unequal bore dia. in plane V_{dp}	Radial runout of inner ring K_{ia}	Over	Incl.	Max.	Min.	Max.	Max.	-	10	+15	0	10	10	10	18	+15	0	10	15	18	31.75	+18	0	12	18	31.75	50.8	+21	0	14	20	50.8	80	+24	0	16	25	
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	P11	<p>The anti-rotation pin, in conjunction with the standard "J" fit housing, means very secure housing fit in high speed applications.</p>																																																																																					
	C2	<p>Internal bearing clearance is defined as the allowable space between the rolling elements and the raceways. C2 is smaller clearance than the standard, and it reduces the noise and vibration in high speed applications.</p>																																																																																					
	G23	<p>G23 is our original set screw called Bullet Point. The specialized design greatly reduces the potential for damage to both the setscrew and shaft from normal use to applications with severe vibration, shock load, and high speed.</p>																																																																																					
	K3	<p>Non contact lip seal is available for the lighter torque.</p>																																																																																					

NU-LOC



NUP208J
S3 Standard

UC-S3



UCP208JS3
S3 (P11, P18, C2, G23)

NA-S3



NAP208JS3
P18 is standard for NA S3 (P11 and C2)

UK-P11



UKP208JP11
The clearance can be adjusted by the adapter sleeve.
"Recommended torque" x 1.5 (as a guide)