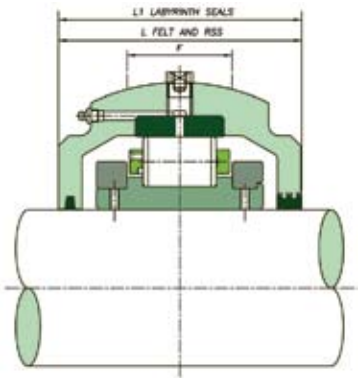
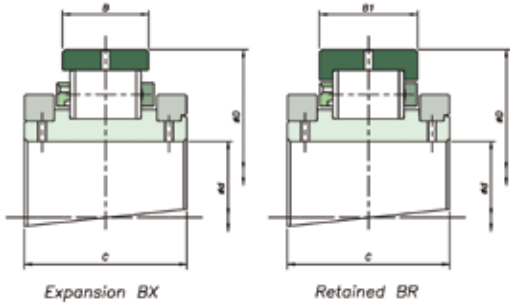


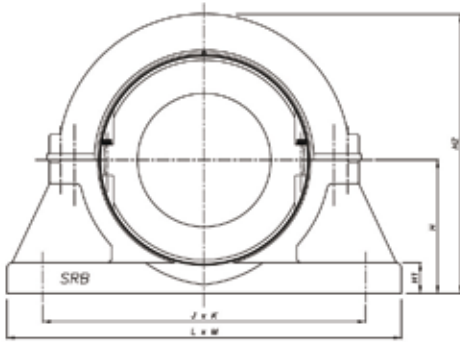
Heavy Series Bearing & Housing
100mm to 260mm



Shaft (d)		Reference		Bearings Ratings							Housing Reference						
mm	inch	Add BR for retained Add BX for expansion e.g. HSM100BR		Dynamic C _r (kN/lb)	Static C _{0r} (kN/lb)	Axial C _a (kN/lb)	Max RPM	D	B B ₁	C	Add HR for retained Add HX for expansion e.g. HSM100HR		G	F	L	L ₁	
100	3 ¹¹ / ₁₆	HSM100	HSE311								HSM100	HSE311					
105	3 ³ / ₄	HSM105	HSE312	653	783	31.20	1820	254.00	84.20	136.00	HSM105	HSE312	308.00	95	200	206	
	3 ¹⁵ / ₁₆		HSE315	146800	176025	7014		10.000	3.315	5.354		HSE315	12.126	3.7	7.9	8.1	
	4		HSE400									HSE400					
110	4 ³ / ₁₆	HSM110	HSE403								HSM110	HSE403					
115	4 ¹ / ₄	HSM115	HSE404	656	801	39.10	1640	266.70	87.30	147.00	HSM115	HSE404	323.85	102	210	222	
120	4 ⁷ / ₁₆	HSM120	HSE407	147475	180072	8790		10.500	3.437	5.787	HSM120	HSE407	12.750	4.0	8.3	8.7	
	4 ¹ / ₂		HSE408									HSE408					
125	4 ¹⁵ / ₁₆	HSM125	HSE415	753	974	49.00	1500	279.40	73.10	140.00	HSM125	HSE415	323.85	102	214	222	
130	5	HSM130	HSE500	169281	218964	11016		11.000	84.20	5.512	HSM130	HSE500	12.750	4.0	8.4	8.7	
									3.315								
135	5 ³ / ₁₆	HSM135	HSE503						79.40		HSM135	HSE503					
140	5 ¹ / ₄	HSM140	HSE504	928	1265	58.80	1340	304.80	3.126	147.00	HSM140	HSE504	355.60	108	216	230	
	5 ¹ / ₈		HSE507	208623	284383	13219		12.000	90.50	5.787		HSE507	14.000	4.3	8.5	9.1	
	5 ¹ / ₂		HSE508						3.563			HSE508					
150	5 ¹¹ / ₁₆	HSM150	HSE511						81.00		HSM150	HSE511					
155	5 ³ / ₄	HSM155	HSE512	1037	1325	69.40	1220	330.20	3.189	160.00	HSM155	HSE512	393.70	114	232	254	
	5 ⁷ / ₈		HSE515	233127	297872	15602		13.000	96.90	6.299		HSE515	15.500	4.5	9.1	10.0	
	6		HSE600						3.815			HSE600					
160	6 ¹ / ₈	HSM160	HSE607	1196	1576	79.20	1110	355.60	103.20	171.00	HSM160	HSE607	422.30	120	244	268	
170	6 ¹ / ₄	HSM170	HSE608	268871	354299	17805		14.000	4.063	6.732	HSM170	HSE608	16.626	4.7	9.6	10.6	
	6 ³ / ₈		HSE611									HSE611					
175	6 ¹ / ₂	HSM175	HSE612	1330	1867	89.00	1030	374.65	92.10	178.00	HSM175	HSE612	431.80	132	254	284	
180	6 ⁵ / ₁₆	HSM180	HSE615	298996	419718	20008		14.750	3.626	7.008	HSM180	HSE615	17.000	5.2	10.0	11.2	
	7		HSE700						108.80			HSE700					
									4.283								
190	7 ¹ / ₄	HSM190	HSE704	1597	2285	99.60	880	419.10	97.70	191.00	HSM190	HSE704	489.00	146	270	300	
200	7 ¹ / ₂	HSM200	HSE708	359020	513688	22391		16.500	3.846	7.520	HSM200	HSE708	19.252	5.7	10.6	11.8	
	7 ⁵ / ₈		HSE715						118.30			HSE715					
	8		HSE800						4.657			HSE800					
220	8 ¹ / ₂	HSM220	HSE808	1665	2455	109.40	760	469.90	109.60	212.00	HSM220	HSE808	546.10	165	298	334	
230	8 ³ / ₈	HSM230	HSE814	374307	551906	24594		18.500	4.315	8.346	HSM230	HSE814	21.500	6.5	11.7	13.1	
	9		HSE900						5.189			HSE900					
240	9 ¹ / ₂	HSM240	HSE908	1896	2789	130.80	700	482.60	105.60	211.00	HSM240	HSE908	558.80	165	298	334	
260	9 ³ / ₄	HSM260	HSE912	426238	626992	29405		19.000	4.157	8.307	HSM260	HSE912	22.000	6.5	11.7	13.1	
	10		HSE1000						124.60			HSE1000					
									4.906								

Heavy Series Support

S54 - S63



S54 - S63

mm	Shaft (d) inch	Support Reference	H	H ₁	H ₂	J x K	L x M	Bolts
100	3 ¹¹ / ₁₆	S54	191	38	405	438 x 82	514 x 152	4 x M24
105	3 ³ / ₄		7.520	1.5	15.9	17.2 x 3.2	20.2 x 6	
	4							
110	4 ³ / ₁₆	S55	197	38	425	458 x 88	534 x 166	4 x M24
115	4 ¹ / ₄		7.756	1.5	16.7	18 x 3.5	21 x 6.5	
120	4 ⁷ / ₁₆							
	4 ¹ / ₂							
125	4 ¹⁵ / ₁₆	S56	203	48	435	470 x 96	546 x 166	4 x M24
130	5		7.992	1.9	17.1	18.5 x 3.8	21.5 x 6.5	
135	5 ³ / ₁₆	S57	229	54	485	514 x 102	622 x 178	4 x M30
140	5 ¹ / ₄		9.016	2.1	19.1	20.2 x 4	24.5 x 7	
	5 ⁷ / ₁₆							
	5 ¹ / ₂							
150	5 ¹¹ / ₁₆	S58	254	57	535	558 x 120	666 x 204	4 x M30
155	5 ³ / ₄		10.000	2.2	21.1	22 x 4.7	26.2 x 8	
	5 ¹⁵ / ₁₆							
	6							
160	6 ⁷ / ₁₆	S59	267	60	570	628 x 140	736 x 228	4 x M30
170	6 ¹ / ₂		10.512	2.4	22.4	24.7 x 5.5	29 x 9	
	6 ¹¹ / ₁₆							
175	6 ³ / ₄	S60	279	64	580	636 x 152	762 x 254	4 x M30
180	6 ¹⁵ / ₁₆		10.984	2.5	22.8	25 x 6	30 x 10	
	7							
	7 ¹ / ₄							
190	7 ¹ / ₂	S61	311	67	655	636 x 172	838 x 266	4 x M36
200	7 ¹⁵ / ₁₆		12.244	2.6	25.8	25 x 6.8	33 x 10.5	
	8							
220	8 ¹ / ₂	S62	349	76	730	736 x 178	952 x 280	4 x M42
230	8 ⁷ / ₈		13.740	3.0	28.7	29 x 7	37.5 x 11	
	9							
240	9 ¹ / ₂	S63	394	76	790	670 x 304	914 x 406	4 x M42
260	9 ³ / ₄		15.512	3.0	31.1	26.4 x 12	36 x 16	
	10							