

# SI50ES AST Static Load Rating (Cor) 290.000 Plain bearings

Bearing number	SI50ES
Brand	AST
Bore Diameter (mm)	50
Width (mm)	35
Bearing Type – steel-on-steel	steelonsteel
Bore Dia (d)	50.0000
Width (B)	35.0000
Radius (min) (rs)	0.600
Dynamic Load Rating (Cr)	156.000
Static Load Rating (Cor)	290.000
Spherical Diameter (dk or Dk)	66.000
Mis-alignment Angle (a deg.)	6
Thread Length (l1)	68.000
Bore Center to End of Rod (h)	160.000
Rod Overall Length (l2)	216.000
Rod End Thickness (C1)	31.000
Bore Center to Body (l7)	57
Thread Size (G)	M45 X 3
Rod End Width (d2)	112.000
Body Dia. (d3)	62.000
Body End Dia. (d4)	75.000
Body End Width (l5)	20.000
Body End Flats (W)	70.000
Weight (g)	3.500.00

Material – Body – Carbon steel-zinc  
plated, Ball – Hardened chrome steel-  
chrome plated

Hardened chrome  
steelchrome plated