

## KEYSTONE FIGURE 635/2000 SLURRY VALVES

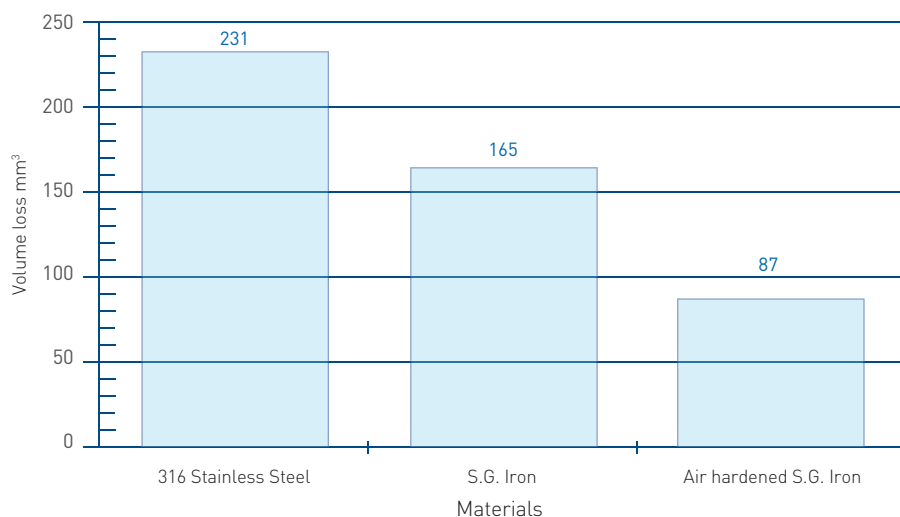
### MATERIAL SPECIFICATIONS

Technical specifications for air hardened S.G. iron

Technical material specifications	
Trim number	N
Formula number	EM-D1-8
Common name	Air hardened spheroidal graphite iron (ductile iron)
Tensile strength (Typ)	1000 MPa min (150,000 psi)
Yield strength (Typ)	700 MPa min (100,000 psi)
Elongation % in 2 inches (Typ)	2 (minimum)
Brinell hardness	375 - 420
Abrasion resistance	Tested to ASTM G-65 Procedure A by a NATA approved laboratory.
General notes	Refer to the chart below for comparative wear rates.
	This martensitic ductile iron was specially formulated by Emerson for use in abrasive mining applications particularly alumina liquors. Its hardened surface offers excellent abrasion resistance and has proven to be superior to standard spheroidal graphite (S.G.) iron and 300 series stainless steels.
Product usage	Its corrosion resistance is the same as normal S.G. Iron.
	F635 body and disc DN 50 - 500 F2000 disc DN 50 - 500



### COMPARATIVE WEAR RATES



The actual wear rates can vary from the laboratory results nominated.  
They can be effected by such things as wet service, particle size, cavitation and impingement angle.

**NOTE:** The lower the figure, the better the abrasion resistance.

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