



# BUTTERFLY VALVE DESIGN DETAILS

ITEM	MATERIAL	SYMBOL	FEATURES	BENEFITS
<b>Body design Standard Body-flange drilling</b>	Cast Iron BS5155 AS2129	ASTM-A126 Class B:GG25 Table D/E	Epoxy Coated	Anti-Corrosive Australian Standard
<b>Body Types 50-300mm</b>	Wafer > Lugged >	Figure JBS051 Figure JBS052	Face to face ISO5752 [ISO5211-top]	Replacement convenience
<b>Nominal Pressure</b>	PN16 Body	16 Bar AP1598 C.W.P.	Factory test reference on metal tag	Proof of Individual test ex-Factory
<b>Disc</b>	Stainless Steel	ASTM A351 CF8M 316ss	Pin-less	Eliminates pin hole leakage
<b>Stem</b>	Stainless Steel	ASTM A276 Grade 416ss	High physical properties	High Temperature Oxidization resistant
<b>Seat [Replaceable]</b>	Ethylene Propylene Diene Monomer "Std issue"	EPDM Refer Seat Properties	General purpose -20/120°C Phenolic backed	Non collapsible, Stretch resistant, Blowout proof
<b>Bushing</b>	PTFE	PTFE	Supports turning Shaft	Assists valve torque operation
<b>Handle</b>	Cast Iron	N/A	Hot dipped galvanised	Longer life