

MATERIAL EQUIVALENT CHART

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PART NO	PART NAME	STANDARD FITTED PUMP	BRITISH STANDARD	ASTM STANDARD	DIN STANDARD	DIN MATERIAL NUMBER	DIN SPECIFICATION
1	Bearing Housing	Cast Iron	BS1452 Gr220	A48 Class 25	GG20	0.602	DIN1691
2	Gland	Bronze	BS1400 LG2	B584 C83600	G -CuSn 5 ZnPb	2.1096.01	DIN1705
3	Casing	Cast Iron	BS1452 Gr 260	A48 Class 35	GG25	0.6025	DIN1691
4	Impeller	Bronze	BS1400 LG2	B584 C83600	G-CuSn 5 ZnPb	2.1096.01	DIN 1705
5	Casing Wear Ring	Bronze	BS1400 LB2	B584 C93700	G-CuPb 15 Sn	2.1096.01	DIN1705
6	Lantern Ring	Bronze	BS1400 LG2	B584 C83600	G-CuSn 5 ZnPb	2.182.01	DIN1705
7	Impeller Key	Stainless Steel	BS970 410 S21	A 182 Type 410	X 10 Cr 13	2.1096.01	DIN1705
8	Coupling Key	Stainless Steel	BS970 410 S21	A182 Type 410	X 10 Cr 13	2.1096.01	DIN1705
9	Gland Packing			Graphite Impregnated			
9A	Mechanical Seal			Burgmann,AES ,Flowserve or Equivalent			
10	Shaft	Stainless Steel	BS970 410 S21	A182 Type 410	X 10 Cr 13	2.1096.01	DIN1705
11	Thrust Collar	MS					
12	Bearing End Cover Inner	Cast Iron	BS1452 Gr 220	A 48 Class 25	GG20	0.602	DIN 1691
14	Shaft Sleeve	Bronze	BS1400 CT1	B30 C 90700	G-CuSn10	2.1050.01	DIN 1705
15	Water Thrower	Neoprene					
16	Deep Groove Ball Bearing	SKF					
17	Lock Nut	SKF					
18	Locking Washer	SKF					
20	Baering End Cover Outer	Cast Iron	BS1452 Gr 220	A48 Class 25	GG20	0.602	DIN1691
21	Seal piping	Copper					

OPTIONAL CONSTRUCTION							
PART NO	PART NAME	SPECIAL MATERIAL	BRITISH STANDARD	ASTM STANDARD	DIN STANDARD	DIN MATERIAL NUMBER	DIN SPECIFICATION
3	Casing	Ductile Iron	BS2789 Gr 500	A536 60-45-12	GGG50	0.705	DIN 1693
		Cast Steel	BS3100 Gr A1	A216 WCB	GS- C25	1.0619	DIN17245
		Stainless Steel	BS3100-316 C.16	A743 Gr CF -8M	G-X6CrMo165	1.4008	
		Ni Resist	BS3468 L-NiCuCr 20 2	A436 Type 1	GCI -NiCuCr1562	0.6655	
4	Impeller	Cast Iron	BS1452 Gr260	A48 Class 35	GG20	0.602	DIN1691
		Zinc Free Bronze	BS 1400 CT1	B427 C90700	G-CuSn10	2.1050.01	DIN 1705
		Stainless Steel	BS3100-316 C. 16	A743 Gr CF -8M	G-X6CrMo165	1.4008	
			BS3100-410 C21	A743 Gr CA15	G- X 12 Cr 14	0.6655	
5	Shaft	HT Steel	BS970-708 M40	A322 Gr4140	42 CrMo4	1.7225	DIN 17200
		Stainless Steel	BS970 316 S 16	A276 Type316	X5 CrNiMo1810	1.4404	
			BS970 304 S15	A276 Type 304	X5 CrNi189	1.4301	