

**MATERIALS of CONSTRUCTION**

Pub # 2760-17

Effective Jun-17

Model: R75

Replaces New

CAT #	DESCRIPTION	STANDARD MATERIALS
1	Body	Ductile Iron ASTM A536
2	Cover	Ductile Iron ASTM A536
	Bearing Housing	Ductile Iron ASTM A536
3	Impeller	Bronze Gunmetal
4	O-Ring Cover	Fluoroelastomer (FKM)
8	Impeller Key	Key Steel
21	Shaft	Carbon Steel
23	Ball Bearing	Commercial
24	Ball Bearing	Commercial
25	Ball Bearing Circlip	Spring Steel
33	Oil Seal	Nitrile (NBR)
56	Mechanical Seal Assembly	Carbon/Ni-Resist 2/Fluoroelastomer (FKM)
57	Mechanical Seal Cartridge	Ductile Iron ASTM A536
57B	Primary Seal O'Ring Cartridge	Fluoroelastomer (FKM)
57C	Secondary Seal O'Ring Cartridge	Fluoroelastomer (FKM)
58	Mechanical Seal Circlip	Spring Steel

CONNECTIONS

Inlet Port	DN80 (3") ANSI Class 300 Raised Face
Alternate Inlet Port	2" Flanged. (2" NPT adaptor available)
Outlet Ports	2" Flanged. (2" NPT adaptor available)
Gauge Ports	1/4" NPT

OPERATING LIMITS

Maximum Differential Pressure	14 Bar
Maximum Working Pressure	29.3 Bar
Hydrostatic Test Pressure	70 Bar
Minimum Temperature	-29 °C
Maximum Speed	3500 rpm