



**MOULDED TO METAL
STATOR DETAILS**

M RANGE

DATA No. **D107**

MOULDED TO METAL STATOR DETAILS

STATOR SELECTION FOR TEMPERATURE DUTIES

MATERIAL	TEMPERATURE ° C											
	0	10	20	30	40	50	60	70	80	90	100	110
NATURAL RUBBER	STD											
NITRILE RUBBER	STD				TEMP 1				TEMP 2			
HYPALON	STD				TEMP 1				TEMP 2			
VITON	150											

- NOTE :**
- 1) When the temperature falls into the intermediate range 35 - 45 and 70 - 80 °C factors such as temperature range, viscosity, available starting torque etc., can taken into account in choosing the correct temperature stator
 - 2) Temp 1 and Temp 2 stators are not available in natural rubber.
 - 3) Viton is available as standard for up to 150°C

STATOR IDENTIFICATION

- 1) Stator Housings are stamped with pump size and material
Example 62M - Nitrile
- 2) Temperature rating is identified by grooves on the housing
Temp 1 - 1 Groove Temp 2 - 2 Grooves STD - No Grooves
- 3) The pump size is moulded into both ends of the stator eg. 62M

MATERIAL SPECIFICATION

Stator Housing - Mild Steel

STATORS :-

GRADE	SHORE HARDNESS	TEMP RANGE	DESCRIPTION
NATURAL RUBBER	68° - 74°	-10 45°C	NATURAL RUBBER
NITRILE RUBBER	68° - 74°	- 5 110°C	COPOLYMERS OF BUTADIENE AND ACRYLONITRILE
HYPALON	71° - 77°	-10 110°C	CHLOROSULPHONATED POLYETHYLENE
VITON	77° - 83°	-10 150°C	FLUORO ELASTOMER