

Allison Transmission Spec Sheet

9800 OFS Series

RATINGS			
0 R G H C S S O L F D W L R Q	Q S R V Z H K S N :	Q S T X W T X O H E 1 I P	7 X U E T R O F I X E H 1 I P
	gross net	gross net	net
2) 6 2 L J Q H B X C P S L Q J			
2) 6 2 L J Q H B X C P S L Q J			
2) 6 2 L J Q H B X C P S L Q J			
2) 6 2 L J Q H B X C P S L Q J			

ENGINE INTERFERENCE			
\$ F F H S I W D E O N I R C Y H V S H I G G			± U S P
0 L Q L F R Q B I L G S H U D Q Z H W U K D Q V L Q U V V H R Q			U S P

MOUNTING	
' L U H F V 6 \$ (1 R D X W R A P Z W L R X O Z L Q W K [S O D B W H D F G O X Q W L H Q U J A Q Z H K H R I X O P I R Q J Q S V D L Q W	
D Q V G U D Q V P H I D R V P H R Q Q S V D L Q W K L Q V K U E L R O W V	
5 H P R W H L S B 6 W U D Q V P H I D R V S H U V R Q W X E R X Q W	

TORQUE CONVERTER			
Type	Single stage, three element, polyphase		
Model	Stall Torque Ratio	Kp-Factor* at Stall	
TC-1060	1.86		
TC-1070	1.78		
TC-1078			
TC-1080	1.61		
TC-1090	1.31		

MECHANICAL RATIOS * H U D M V G R Q M C F G H V O X H F R Q H V A L P X O B D I R Q		
Range		
First	3.75 : 1	
Second		
Third		
) R X U W K	1.77 : 1	
) L I W K	1.58 : 1	
Sixth		
6 H Y H Q W K	1.00 : 1	
Eighth		
5 H Y H U V H	1 R S W D L O D E O H	
Ratio Coverage		
Forward		

CONTROLSYSTEM DESCRIPTION	
0 D Q X O H R W O H L F W U R Q L F	2) 6 D Q G 2) 6
(O H F W U R Q L F	2) 6 D Q G 2) 6

OPTIONAL ENGINE-DRIVEN POWER TAKEOFF PROVISION		
6 LORXQW		
/RFDWLRQ		R1FORVNDWLLRQZHRPH DU
3ZGUJHBDWLQJ	,QWHUPLWWHQW	WRQWYBUKS N:
	&RQWLQXR XV	WRQWYBUKS N:
7RORXQW		
/RFDWLRQ		R1FORVNDWLLRQZHRPH DU
3ZGUJHBDWLQJ	,QWHUPLWWHQW	WRQWYBUKS N:
	&RQWLQXR XV	WRQWYBUKS N:

ELECTRONIC SPEEDOMETER PROVISION		
'HVFULSWLRQ		/6 7X/LJQSOSR XWSDHVR OXW
/RFDWLRQ		2XWSXODRPU DQVROV

SIZE		
'HSVEKORZLFRQWHDJOLQH		LQ PP
/HQJOKBRKQW		LQ PPQ
:LGWK		LQ PP
	Height	Dry Weight
		9817 OFS 9822 OFS 9832 OFS
% DFRGHO	LQ PP	OE NJ OE NJ OE NJ
:LVKUPRFXW HUV	LQ PP	OE NJ OE NJ OE NJ
:LWKIPRFXW		OE NJ OE NJ OE NJ

OIL SYSTEM		
2LV\SH	TES 353 & 7 (6	6 Hwallisontransmission.comRDS S UCLYVHC
&DSDFIFW XIGWFLQD L WV		21.0 gallons (79 litres)
0DIFQURFXW HU		
6WDQGDUG		0DQURRUGOU RBRXQSHSODRDBEGR
2SWLRQDO		'LUHFW XROZGWDFHDEHQWV
&RRFLHFXQVRSWLRQDO		5HSODRDBEGRWH PRX

3ZUDWLSVPRWBSLGRPEMCRFDQFVLCGLVDOXDOV
)RUHPRWQDGLQ PP
 /HQJW&SURJURFWHQH PRQWLVVDFRHW\SRKDCXWH

