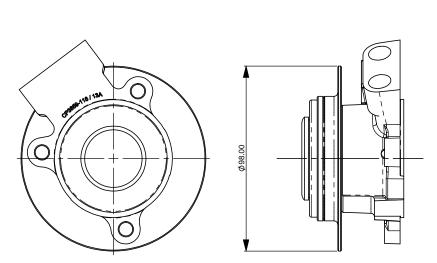
INSTALLATION **DRAWING**

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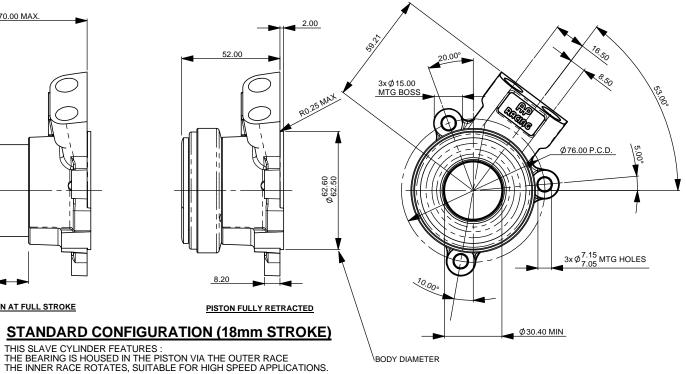
FIRST ANGLE **PROJECTION**

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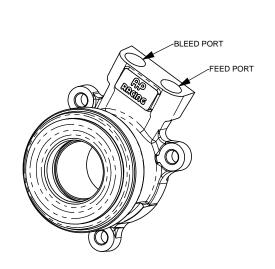
70.00 MAX STROKE

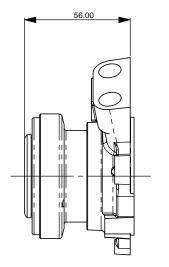
PISTON AT FULL STROKE



STANDARD CONFIGURATION (LVDT Option)

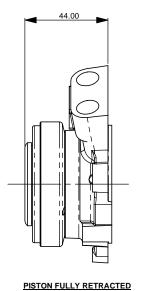
THIS SLAVE CYLINDER FEATURES:
THE BEARING IS HOUSED IN THE PISTON VIA THE OUTER RACE
WITH INTEGRAL LVDT FLANGE THE INNER RACE ROTATES, SUITABLE FOR HIGH SPEED APPLICATIONS.





PISTON AT FULL STROKE

BODY DIAMETER



PISTON AT FULL STROKE

53.00

PISTON FULLY RETRACTED

DESCRIPTION

THE CP3859 SERIES CONCENTRIC SLAVE CYLINDER IS A LIGHTWEIGHT, HYDRAULICALLY SELF-CONTAINED UNIT WITH HIGH TEMPERATURE SEALS. ALL SEALING SURFACES ARE PROTECTED BY A HARD WEARING / LOW FRICTION COATING WHICH HELPS PROLONG SEAL LIFE.

NOTES: ENSURE THAT THE UNIT IS INSTALLED AT THE SPECIFIED ANGLE, WITH THE BLEED PORT UPPERMOST. ALL FITTINGS INTENDED TO SEAT AT THE BOTTOM OF THE HYDRAULIC

PORTS MUST HAVE AN INCLUDED ANGLE OF 90°

BODY MATERIAL: PISTON MATERIAL:

ALUMINIUM ALLOY (DIE CAST) ALUMINIUM ALLOY

EFFECTIVE AREA: MAXIMUM STROKE 920 mm² (1.426 sq.") REFER TO TABLE 8.6 N/mm² (1250 psi)

HYDRAULIC FLUID

MAXIMUM PRESSURE

M12x1,0x11.5 MIN. FULL THREAD APR550 OR 600 BRAKE FLUID

REPLACEMENT SEAL KIT - CP3759-3

HYDRAULIC FITTING KIT (ALUMINIUM ADAPTOR 7/16" $\,^{'}$ -4') - CP3859-15 HYDRAULIC FITTING KIT (STEEL ADAPTOR 3/8" '- 3') - CP3859-16

THIS UNIT IS INTERCHANGEABLE WITH THE SAAB 9000 SLAVE CYLINDER. PART NO'S - 8781189 AND 8781387 (5160015).

REDUCED LENGTH CONFIGURATION (12mm STROKE) *

THIS SLAVE CYLINDER FEATURES: A SHORTENED STROKE SO AS TO REDUCE THE OVERALL LENGTH. THE BEARING HOUSED ON THE PISTON VIA THE INNER RACE WITH

ALL OTHER MOUNTING DIMENSIONS REMAIN THE SAME.

NOTE; WHEN LARGE DIAMETER SPLINES ARE USED PLEASE CHECK CLEARANCE OF THE SPLINE IN THE SLAVE CYLINDER BODY.

LARGER SPLINES ALSO HAVE AN INCREASED DRIVEN PLATE HUB BOSS.
PLEASE CHECK THE CLEARANCE OF THE DRIVEN PLATE AT MAXIMUM SLAVE TRAVEL. SEE THE CLUTCH ASSEMBLY INSTALLATION

MINERAL OIL VERSIONS OF ALL THE ASSEMBLIES ON THIS DRAWING ARE AVAILABLE ON CP7074-1CD.

FOR FURTHER INFORMATION PLEASE CONTACT AP RACING

CP3859-1238-IN, -1250-IN AND -1254-IN (12 mm STROKE)

THIS SLAVE CYLINDER FEATURES THIS SLAVE OF LINVES. A SHORTENED STROKE SO AS TO REDUCE THE OVERALL LENGTH. THE BEARING IS HOUSED IN THE PISTON VIA THE OUTER RACE THE INNER RACE ROTATES, SUITABLE FOR HIGH SPEED APPLICATIONS.

ALL OTHER MOUNTING DIMENSIONS REMAIN THE SAME

ALL OTHER MOUNTING DIMENSIONS REMAIN THE SAME.								
CONFIGURATION	SLAVE CYLINDER ASSEMBLY	BRG. FULCRUM DIA.	FULL STROKE	REPLACEMENT BEARING SUB ASSY.				
STANDARD	CP3859-38	38,0 (1.496")	18,0 (0.709")	CP3457-16				
	CP3859-38:LVDT	38,0 (1.496")	18,0 (0.709")	CP3457-16				
	CP3859-50:LVDT	50,0 (1.969")	18,0 (0.709")	CP3457-11				
	CP3859-45	45,0 (1.772")	18,0 (0.709")	CP3457-19				
	CP3859-50	50,0 (1.969")	18,0 (0.709")	CP3457-11				
	CP3859-54	54,0 (2.126")	18,0 (0.709")	CP3457-6				
REDUCED LENGTH	CP3859-1238-IN	38,0 (1.496")	12,0 (0.472")	CP3457-16				
	CP3859-1250-IN	50,0 (1.496")	12,0 (0.472")	CP3457-11				
	CP3859-1254-IN	54,0 (2.126")	12,0 (0.472")	CP3457-6				
	CP3859-1245	45,0 (1.772")	12,0 (0.472")	CP3457-19				
	CP3859-1250	50,0 (1.969")	12,0 (0.472")	CP3457-9				
	CP3859-1254	54,0 (2.126")	12,0 (0.472")	CP3457-10				

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	lssue No.		Alterations	Zone	Initials				
		Date & No. 02/11/98	Particulars FIRST ISSUE	Z	SY				
	2	C1372 17/12/98	NOTES AMENDED TO INCLUDE		SY				
	3	25/03/99	'FITTING ANGLE MUST BE 90°' REPLACEMENT BRG CHART CP3457-11 WAS -5 & -16 WAS -15		SY				
	4	13/03/00	NEW 12,0 STROKE VERSIONS ADDED. SHEET SIZE A1 WAS A2. BRG CONFIG NOTES 1 & 2 ADDED. NOTE:- MAX STROKE 'REFER TO TABLE' WAS 18,0. CP3859-1250 AND -1254 ADDED.		SY				
	5	02/04/01	TOP VIEW DELTD. 'BRG CONFIG' COLUMN ADDED TO TABLE.		SY				
	6	09/04/01	DRAWING FORMAT MODIFIED TO IMPROVE CLARITY	#	JG				
	7	03/05/02 RAC10481	CP3859-1238 ADDED	#	ВЈР				
	8	10/09/02 RAC10756	REVISED LENGTHS FOR CP3859-1238 ADDED	G6 G9	ВЈР				
	9	16/09/02 C2084	REFERENCES TO THE SCRAPER RING DELETED. SEAL REPAIR KIT WAS CP3859-2. LOGOS CHANGED TO LASER ETCHED TYPE.	D2 A2	JG				
	10	08/01/03 RAC20008 C2144	53.25 MAX WAS 53.00 MAX 41.25 MAX WAS 41.00 MAX CP3859-1245 ADDED	G5 G8 A10	BJP				
	11	06/02/03 C2165	CP3859-1238 REMOVED	A11	ВЈР				
	12	20/10/03 C2325	NEW TYPE CP3859-1238 ADDED	D11	ВЈР				
	13	11/12/03 C1949	CP3859-38:LVDT OPTION ADDED ONTO DRAWING	B10	GS				
	14	12/01/04 RAC20825	'BODY DIAMETER' NOTE ADDED.	H11	JG				
	15	12/02/04 C2390	INSTALLATION NOTE	B6	JG				
	16	09/01/06 RAC21324	CP3859-45 ADDED.	#	JG				
•	17	05/11/07 C3262	CP3859-1250-IN ADDED. CP3859-1238-IN WAS CP3859-1238.	#	JG				
	18	07/11/07 C3270	MINERAIL OIL VERSION NOTE ADDED.	В7	JG				
	19	22/10/08 C3507	MINERAIL OIL VERSION NOTE UPDATED.	В7	KJC				
	20	02/12/09 C3772	TOLLERANCE UPDATED TO ACCOUNT FOR ANODISING	K10	АВ				
	21	15/11/10 C3970	FITTING KIT PART NUMBERS ADDED	#	JG				
	22	20/05/11 C4091	CASTING FORM MODIFIED TO INCLUDE 2 OFF BOSSES.	#	JG				
	23	19/07/11 C4125	CP3859-1254-IN ADDED	B11	ВЈР				
	24	10/01/12 C4186	MACHNED FORM MODIFIED TO REMOVE 2 OFF BOSSES	#	JG				
	25	31/01/13	CP3859-50:LVDT ADDED.	#	JG				
<u>)</u>									
7									
	SCA	LE 1:1	SHEET 1 OF 1						
4	SCALE 1:1 SHEET 1 OF 1 DRAWN S YOUNG								
_		ROVED							
4	DERIVED FROM								
\dashv	TITLE CONCENTRIC SLAVE CYLINDER								
	INSTALLATION DRAWING								
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DRG NO.

CP3859-1 CD