



OPTIONS AND ACCESSORIES

SEAL MATERIAL

Nitrile is supplied as standard.
Viton is fitted for :

- (a) High temperature applications.
- (b) Fluid compatibility reasons.
- (c) Chemical metering applications.

Ethylene Propylene is usually fitted for use with SKYDROL fluids.

INTERNAL / EXTERNAL DRAIN

External case drain is supplied as standard and should be the Engineers preferred choice. For those applications where an internal drain is a necessity, this is accommodated by the use of a DRAIN PLATE which connects case drain directly to the low pressure port (suction on a pump, return on a motor). Incorrect installation which pressurises this port will also pressurise the pump/motor case which could potentially cause serious mechanical damage. For this reason it is essential that the ROTATIONAL - FLOW diagrams are consulted. (Contact ROTARY POWER).

INDIRECT DRIVE ADAPTORS

The ROTARY POWER pump/motor design does not permit high end loads or side loads on the shaft. The limits are given in the section 'INSTALLATION and MAINTENANCE'. (Contact ROTARY POWER).

SUCTION PORT ADAPTORS

The A380 and A760 have metric SAE flanges and it is recommended that standard fittings be used which conform to good hydraulic practice in terms of the restriction they present. For the A70, A200 & A560 a ROTARY POWER suction port adaptor should be employed to avoid the 'local' restriction of a screwed fitting .

Suction Port Adaptor Kit - Part Numbers	
A70	P07CC30N1
A200	P20CC30N1
A560	P56CC30N1

SHAFT SEAL SUPPORT

Standard supply is an unsupported shaft seal in NITRILE which is capable of withstanding a case pressure of 0.7 BAR (10 PSI). If case pressures in excess of this and upto 4 BAR (60 PSI) are anticipated, then the shaft seal must be supported. It is important that a shaft seal support is ONLY fitted excessive case pressures are anticipated, as there exists a possibility that the support could lift the seal lip at very low case pressures causing shaft seal leakage.

REMOTE POSITIONING OF VALVE BLOCKS

To achieve remote control of valve block functions, or for reasons of servicing, many of the valve blocks may be remotely positioned. Please consult ROTARY POWER sales staff for advice in this matter.

FLOW STOPS

Fixed and adjustable displacement stops are available to limit the swash piston movement in either of the operating quadrants P or Q. Table 1 summarises the availability of the stops and table 2, the adjustable stops ranges.

Control Type	Flow Stop Tables								
	Fixed				Adjustable				
	Max		Min		Max		Min		
Operating Quadrant	P	Q	P	Q	P	Q	P	Q	
MA	*	*	*	*		*			
MB MD ME	*		*						
SA SE SH	*	*	*	*		*			
CV AA LB LG LJ LK		*		*		*			STD SEE 4
AB	*	*			*	*			
PA RA PJ RJ RU RN RQ RS	*		*						STD SEE 7
QA QJ TA TJ	*		*		STD SEE 8				STD SEE 7
LM		*		*		*			STD SEE 9

STD : STANDARD * : OPTIONAL

	1	2	3	4	5	6	7	8	9
A70	-	100 - 29.5	100 - 26.5	0 - 21.5	100 - 20	100 - 26.5	0 - 30	100 - 34 8.4/TURN	-
A200	-	100 - 29.5	100 - 23.5	0 - 5	100 - 23	100 - 24	0 - 26.5	100 - 22 7.3/TURN	50 - 100
A380	-	100 - 28.5	97.5 - 19	0 - 49.5	97.5 - 18.5	95 - 18.5	0 - 8.5	100 - 35 6.9/TURN	-
A560	100 - 15	100 - 28.5	97.5 - 19	0 - 49.5	97.5 - 18.5	95 - 18.5	0 - 8.5	100 - 35 6.9/TURN	-
A760	-	100 - 0	100 - 0	0 - 82	-	-	0 - 50	89 - 0 8.3/TURN	-