

COMMISSIONING

SEALS

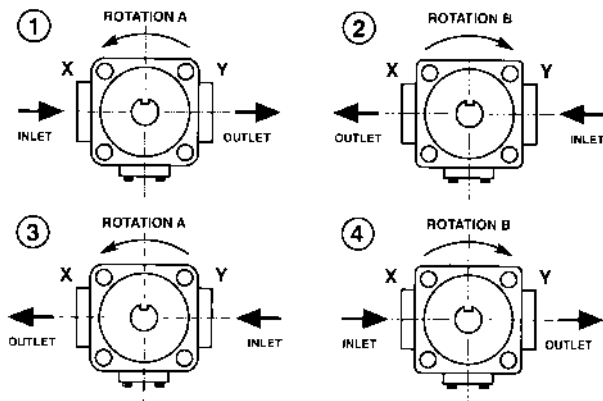
Nitrile seals are supplied as standard but Viton and Ethylene Propylene seals are available for special applications.

1. Thoroughly descale, clean and flush the system before the pump/motor is put into service and refer to filtration section of the Installation Instruction to ensure fluid cleanliness.
2. Check that the shaft, axial and radial load does not exceed that given in table 1. If the unit is mounted vertically the weight of the coupling will exert a thrust, which, if excessive will detrimental to the unit.

A failure to generates flow is most commonly associated with shaft end loading.

	A70	A200	A380	A560	A760
Radial Load (Kg)	4.5	9	12	16	20
Axial Load (Kg)	6	11	21	23	30

3. Totally fill the suction line between the tank and pump. Fill the pump/motor case via the uppermost case drain port. With suction and discharge valves open slowing rotate the pump so as to purge any residual air from within the rotor/pistons/ports. Re-connect case drain pipework.



Control Type	MB MD ME PA QA RA TA PJ QJ RJ TJ RU RN RQ RS	MA SA SE SH AB	FA CV AA LB LG LJ LK LM
Operating Quadrant	P	P Q	Q
Rotation Flow Diagram	① ②	① ②	③ ④

4. Check with the ROTATION - FLOW diagrams to ensure delivery from the correct port.
5. Initially, operate the pump at maximum available flow but with a low output pressure. Maintain low pressure until all entrained air in the circuit has been released. In closed circuit applications ensure the charge pressure is present whilst the main pump is running. For HFB and HFC fluids consult ROTARY POWER, as these fluids require special attention with regard to de-aeration, following the initial priming of the circuit.
6. Where pumps have pressure controls fitted, then associated circuit relief valve settings should be set at least 20 Bar above the Pressure setting of the pump.

APPROXIMATE WEIGHTS (Kg)					
	A70	A200	A380	A560	A760
FA	5.0	10.9	27.7	35.0	64.1
MA	7.5	13.6	37.0	42.3	73.6
MB	7.5	13.6	37.0	42.3	73.6
MD	6.4	12.5	36.7	40.3	71.1
ME	5.9	12.0	35.0	38.6	69.4
SA	6.8	12.3	32.3	39.5	70.0
SE	13.3	19.1	39.9	47.8	79.4
AA	6.8	12.3	32.3	39.5	70.0
AB	6.8	12.3	32.3	39.5	70.0
PA	8.2	14.5	36.8	44.1	76.6
QA	8.7	15.4	38.1	45.4	81.6
RA	9.5	15.9	38.2	45.5	78.0
TA	10.0	16.8	39.5	46.8	83.0
PJ	8.2	14.5	36.8	44.1	76.6
QJ	8.7	15.4	38.1	45.4	81.6
RJ	9.5	15.9	38.2	45.5	78.0
TJ	10.0	16.8	39.5	46.8	83.0
LB	7.7	14.1	35.9	41.4	71.4
LG	7.7	14.1	35.9	41.4	71.4
LJ	7.7	14.1	35.9	41.4	71.4
LK	9.1	15.5	37.3	42.8	72.8
RU	9.5	15.9	38.2	45.5	78.0
RN	10.9	17.3	39.6	46.9	79.4
RQ	9.5	15.9	38.2	45.5	78.0
RS	10.9	17.3	39.6	46.9	79.4

If in doubt - refer to ROTARY POWER