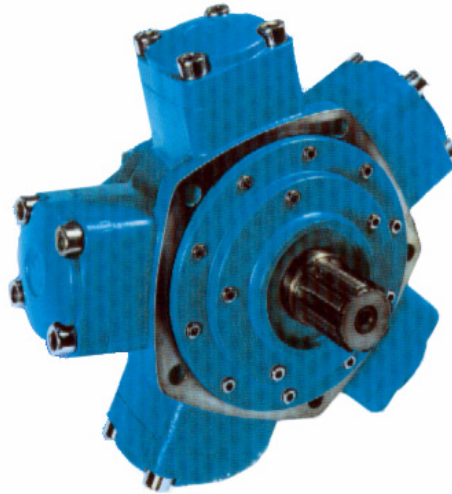
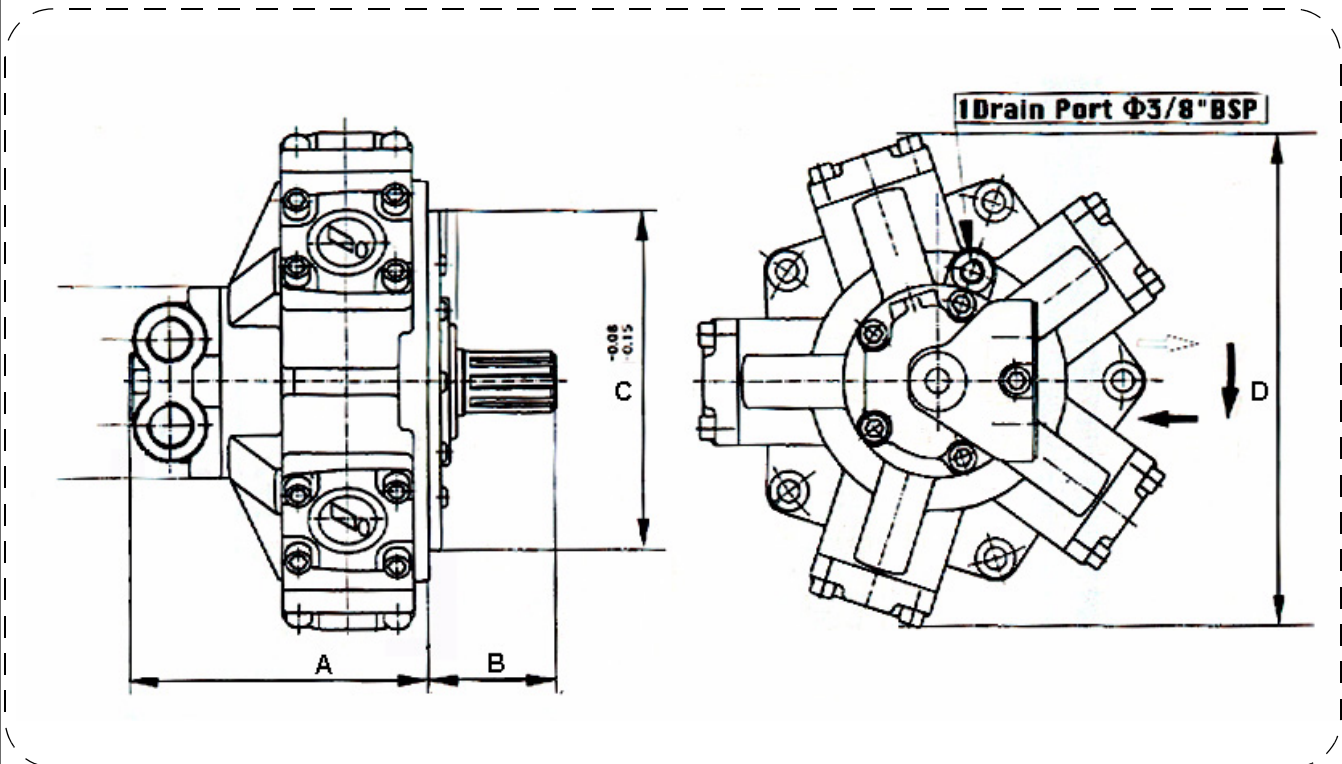


ITALGROUP RADIAL PISTON MOTORS



- HIGH EFFICIENCY:** A special designed seal ring in the cylinder barrels and the patented distributor valve ensures the high volumetric efficiency of the Italgrou motor.
- LOW NOISE:** The patented distributor valve ensures low noise and smooth running.
- LONG LIFE:** Oversized bearings on the cam and tapered roller bearings on the shaft ensure long life.
- MODULARITY:** The cylinder barrel is a separate component to the housing providing easy placement or displacement change within the same housing group.
- DISPLACEMENT CHOICE:** Italgrou motors have an extensive compatibility choice in displacements. Italgrou can supply at short notice motors which are interchangeable with other major brands.
- TACHO/SPEED SENSING:** All Italgrou motors can be supplied either with a back connection tachometer or an electronic speed transducer.



DIMENSIONAL DATA

HOUSING	PORTS	DIMENSION				SHAFT	
		A	B	C	D	SPLINE 'A0'	PARALLEL 'A2'
H1	1"BSPP	201	59	172	305	6 TOOTH X 32MM	32MM X 10MM KEY
H2	1"BSPP	218	79	190	341	8 TOOTH X 38MM	38MM X 10MM KEY
H3	1"BSPP	242	90	230	386	8 TOOTH X 42MM	42MM X 12MM KEY
H4	1"BSPP	256	104	256	452	8 TOOTH X 50MM	50MM X 14MM KEY
H5	1"CODE 61 FLANGE	322	148	301.6	545	8 TOOTH X 72MM	60MM X 18MM KEY
H6	1.1/2"CODE 62 FLANGE	379	156	381	667	10 TOOTH X 92MM	85MM X 24MM KEY
H7	1.1/2"CODE 62 FLANGE	399	138	457.1	750	20 TOOTH	85MM X 24MM KEY

Important Information

1. It is necessary to fill the motor case with hydraulic fluid through the case drain port prior to start-up.
2. The case must be connected to the tank.
3. Maximum case pressure is 6 BAR.
4. For applications at continuous high speed it is recommended to flush the motor case.
5. A filter of 10 microns is required.
6. Maximum operating temperature should not exceed 70°C

SPLINED BILLET
H1-26X32
H2-32X38
H3-36X42
H4-46x54
H5-62X72
H6-82X92
H7-20T

ITALGROUP MOTORS are also available with mounting and shaft details which Interface with: Calzoni, Staffa, SAI & Bignozzi

Italgroupp Price Table

Part No.	DISP. CC/ REV	HOUSING	CONT. PRESS. BAR	INT. PRESS. BAR	MAX SPEED RPM	TORQUE NM/BAR
IAM-80-H1-A0-D40	80	H1	250	300	950	1.3
IAM-100-H1-A0-D40	100	H1	250	300	950	1.8
IAM-150-H1-A0-D40	157	H1	250	300	950	2.5
IAM-175-H1-A0-D40	176	H1	250	300	800	2.8
IAM-195-H1-A0-D40	195	H1	250	300	800	3.1
IAM-200-H2-A0-D40	198	H2	250	300	800	3.2
IAM-250-H2-A0-D40	253	H2	250	300	750	4.0
IAM-300-H2-A0-D40	314	H2	250	300	750	5.0
IAM-350-H2-A0-D40	362	H2	250	300	650	5.8
IAM-400-H3-A0-D40	397	H3	250	300	600	6.3
IAM-450-H3-A0-D40	452	H3	250	300	600	7.2
IAM-500-H3-A0-D40	491	H3	250	300	600	7.8
IAM-600-H3-A0-D40	594	H3	250	300	550	9.4
IAM-700-H3-A0-D40	707	H3	250	300	500	11.2
IAM-800-H3-A0-D40	791	H3	250	300	450	12.6
IAM-700-H4-A0-D40	714	H4	250	300	500	11.4
IAM-800-H4-A0-D40	792	H4	250	300	450	12.6
IAM-900-H4-A0-D40	904	H4	250	300	450	14.4
IAM-1000-H4-A0-D40	992	H4	250	300	330	15.8
IAM-1100-H4-A0-D40	1116	H4	250	300	330	17.8
IAM-1000-H5-A0-D75	1094	H5	250	300	350	17.4
IAM-1200-H5-A0-D75	1231	H5	250	300	300	19.6
IAM-1400-H5-A0-D75	1376	H5	250	300	300	21.9
IAM-1600-H5-A0-D75	1648	H5	250	300	300	26.2
IAM-1800-H5-A0-D75	1815	H5	250	300	250	28.9
IAM-2000-H5-A0-D75	2035	H5	250	300	230	32.4
IAM-2200-H5-A0-D75	2220	H5	250	300	220	35.3
IAM-2500-H6-A0-D90	2525	H6	250	300	220	40.2
IAM-2800-H6-A0-D90	2807	H6	250	300	220	44.7
IAM-3000-H6-A0-D90	2983	H6	250	300	210	47.5
IAM-3200-H6-A0-D90	3289	H6	250	300	200	52.3
IAM-3500-H6-A0-D90	3479	H6	250	300	200	55.4
IAM-3900-H7-A0-D90	3907	H7	250	300	160	62.2
IAM-4300-H7-A0-D90	4343	H7	250	300	150	69.1
IAM-4600-H7-A0-D90	4616	H7	250	300	140	73.5
IAM-5400-H7-A0-D90	5384	H7	250	300	130	85.7

NB: The above listed models are standard spline shaft, parallel shaft units are the same price, replace 'A0' in the Part No. with 'A2'.

Other displacements are available on request.