

Micro Control Systems

APPLICATION NOTE

APP-102

Hanbell Torque Specifications

Revision History

Date	Author	Revision	Description
01/12/2015	Daniel Bonessi	1.0	Created Initial Version

	Part Name	Bolt Size	Torque Rating FT/LBS
1.	Motor Cover plate	M12x1.75x45 or M12x1.75x40	72
2.	Oil Filter Flange	M12X1.75x35	72
3.	Cleaning Cover	M12X1.75x35	72
4.	Oil Switch Flange	M12X1.75x65	72
5.	Discharge Flange 1 1/2"	M16x2.0x55	116
6.	Suction Flange 2 1/2"	M16x2.0x55	116
7.	Discharge Flange 2 1/2"	M16x2.0x55	116
8.	Suction Flange 3"	M20x2.0x60	145
9.	Discharge Flange 3"	M20x2.0x60	145
10.	Suction Flange 4"	M20x2.0x65	145
11.	Discharge Flange 4"	M20x2.0x60	145
12.	Suction Flange 5"	M16x2.0x60	116
13.	Sight Glass		14
14.	Plug P1.P2	1/4" P.Tx11	14
15.	Piston Rod		36
16.	Bolt	M6x1.0x??	7
17.	Bolt	M8x1.25x??	18
18.	Bolt	M10x1.5x??	36
19.	Bolt	M12x2.0x??	72
20.	Bolt	M16x2.0x??	145
21.	Bolt	M20x2.0x??	275
22.	Power Bolt		65
23.	Terminal Cover Plate	M12	65
24.	Copper Nuts for Wire Connections	3/4"	22-29

Hex Key Size Chart in Metric

Screw Size	Hex Key Size
M3	2.5
M4	3
M5	4
M6	5
M8	6
M10	8
M12	10
M14	12
M16	14
M18	14
M20	17
M22	17
M24	19