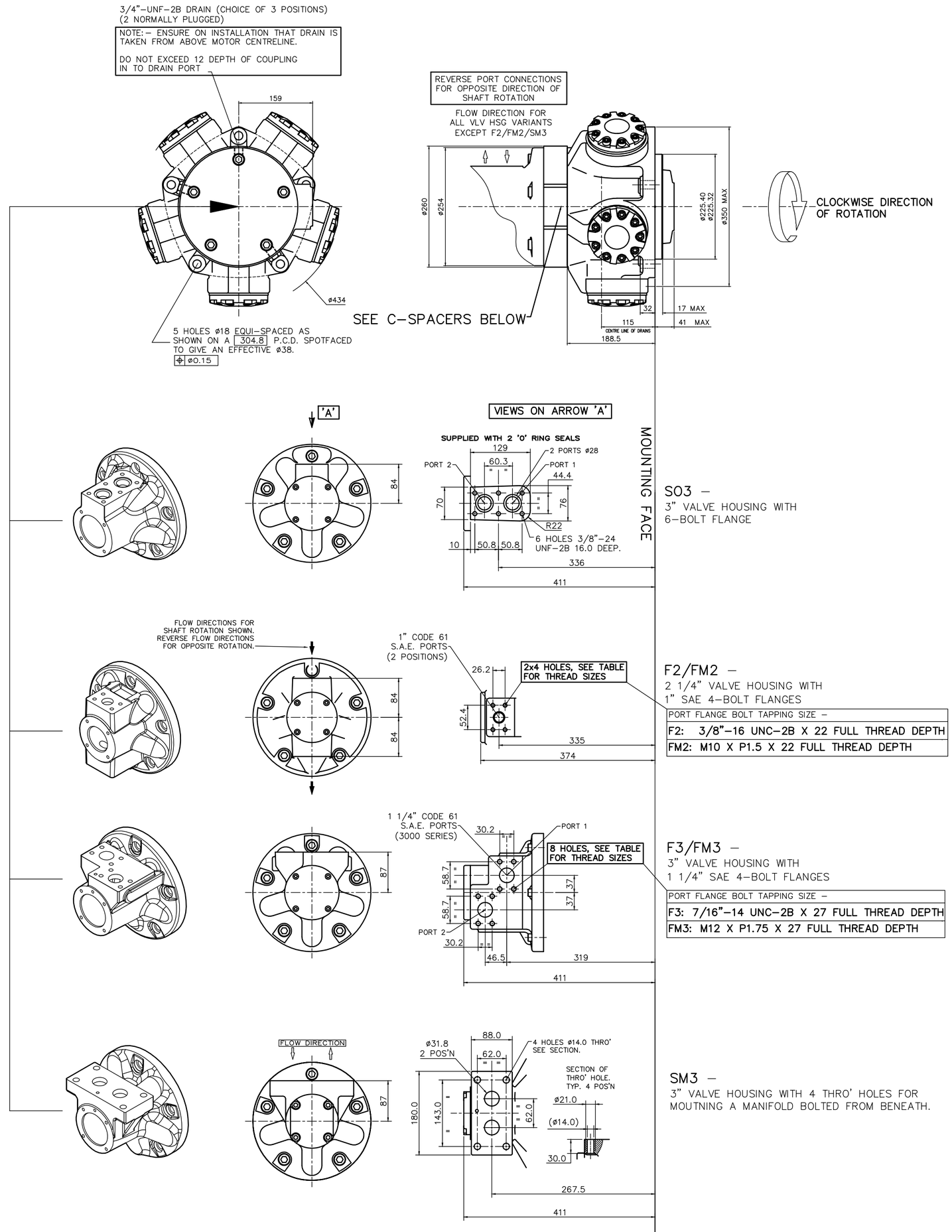
HMC045

VALVE HOUSINGS

EXAMPLE FOR MODEL CODE –
HMC045/S/45/20/FM3/X/71



SHAFTS

EXAMPLE FOR MODEL CODE –
HMC045/S/45/20/FM3/X/71

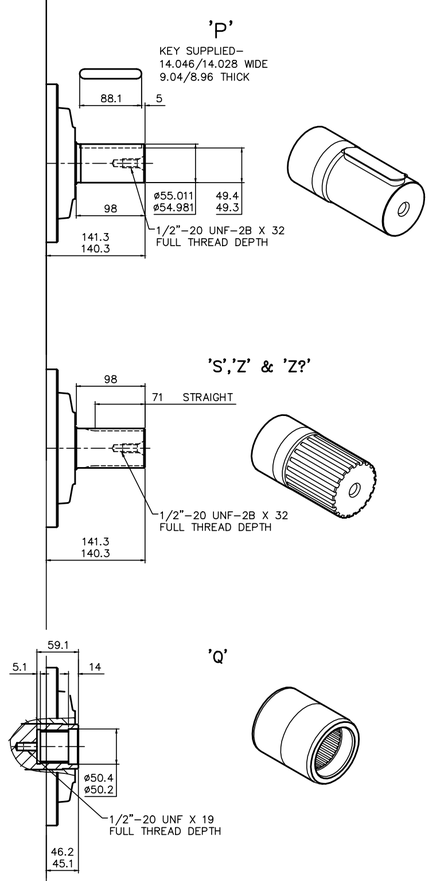
SPLINE DATA

'S'	
TO BS 3550 (ANSI B92.1 CLASS 5) FLAT ROOT SIDE FIT, CLASS 1	
PRESSURE ANGLE	30°
NUMBER OF TEETH	17
PITCH	8/16
MAJOR DIAMETER	56.41/56.29
FORM DIAMETER	50.70
MINOR DIAMETER	50.06/49.60
PIN DIAMETER	6.096
DIAMETER OVER PINS	62.984/62.931

'Z'
DIN 5480 W55 x 3 x 17 x 7h

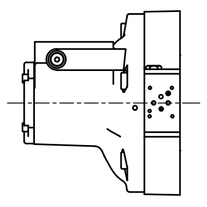
'Z?'
DIN 5480 W60 x 3 x 18 x 7h

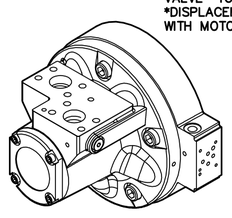
'Q'	
INTERNAL SPLINE TO BS 3550 FLAT ROOT SIDE FIT	
PRESSURE ANGLE	30°
NUMBER OF TEETH	21
PITCH	12/24
MAJOR DIAMETER	46.566/46.896
FORM DIAMETER	46.144
MINOR DIAMETER	42.334/42.461
PIN DIAMETER	3.658
PIN FLATTENED TO	3.556
DIM'N BETWEEN PINS	39.169/39.103



C SPACERS

EXAMPLE FOR MODEL CODE –
HMC045/S/45/20/FM3/X/71

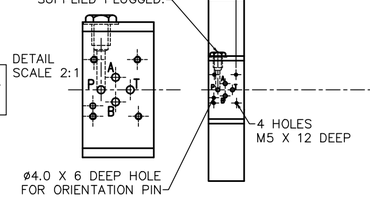




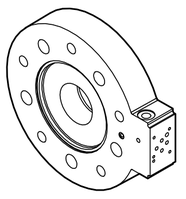
CS TYPE SHUTTLE ON F3 & FM3 ASSEMBLIES ONLY

MOUNTING INTERFACE FOR DIRECTIONAL CONTROL VALVE* TO: ISO 4401 SIZE 03/ANSI B93,7M SIZE D03
*DISPLACEMENT SELECTOR VALVE IS NOT SUPPLIED WITH MOTOR; SPECIFY & ORDER SEPARATELY

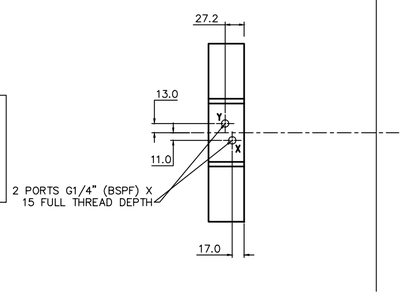
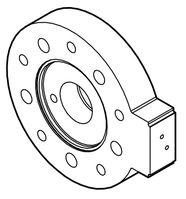
DISPLACEMENT SELECTION:
HIGH DISPLACEMENT: P TO B; A TO T
LOW DISPLACEMENT: P TO A; B TO T



TYPES C, CS & C1
DISPLACEMENT CONTROL



DISPLACEMENT SELECTION (VIA REMOTELY LOCATED VALVE*)
HIGH DISPLACEMENT: P TO Y; X TO T
LOW DISPLACEMENT: P TO X; Y TO T
*DISPLACEMENT SELECTOR VALVE IS NOT SUPPLIED WITH MOTOR; SPECIFY & ORDER SEPARATELY



TYPE X
DISPLACEMENT CONTROL