

## HOW TO SELECT A HESCO PUMP / ENGINE ADAPTER FOR YOUR GAS ENGINE AND FLANGE MOUNTED PUMP.

1. DETERMINE THE PROPER SAE 2 OR 4 BOLT MOUNTING FLANGE DIMENSIONS FROM TABLE 2 ( PAGE 3 ) IN THIS BROCHURE. IF YOUR PUMP IS NOT STANDARD, CONTACT US FOR THE AVAILABILITY OF A SPECIAL ADAPTER.
2. NEXT, CHOOSE THE ADAPTER FRAME SIZE FROM TABLE 1 ( BELOW ) WHICH FITS THE GAS ENGINE YOU HAVE CHOSEN.
3. DETERMINE THE DIMENSION FROM THE PUMP FACE TO THE END OF THE PUMP SHAFT.
4. DETERMINE THE DIMENSION FROM THE GAS ENGINE MOUNTING SURFACE TO THE END OF THE ENGINE SHAFT.
5. ADD THE LENGTH OF THE PUMP SHAFT TO THE LENGTH OF THE ENGINE SHAFT ADD TO THIS THE MAXIMUM LENGTH ALLOWED BETWEEN SHAFT ENDS FOR THE COUPLING YOU ARE USING.
6. THE TOTAL DIMENSIONS FROM STEP 5 IS THE LENGTH OF THE ADAPTER NEEDED.
7. BY KNOWING THE GAS ENGINE FRAME SIZE, THE SAE MOUNTING FLANGE, AND THE COMBINED SHAFT LENGTHS, YOU CAN NOW SELECT THE PUMP / ENGINE MOUNT MODEL NUMBER REQUIRED.
8. PLEASE SUPPLY THE ENGINE MODEL NUMBER WHEN ORDERING TO INSURE YOU OF OBTAINING THE CORRECT MOUNT.

TABLE 1

EM1 -	44	- 4AA -
GAS ENGINE FRAME	LENGTH FACE TO FACE NOMINAL	PUMP FLANGE STYLE ( SEE TABLE 2 )
EM1 - 1.625' PILOT, 3.625' B.C.	44 = 4 1/2'	2A - SAE A, 2 BOLT
EM1A - NO PILOT, 3.625' B.C.	45 = 4 5/8'	4A - SAE A, 4 BOLT
EM2 - 5.750' PILOT, 6.500' B.C.	50 = 5'	XX - METRIC OR OTHER NON-STANDARD PLEASE DESCRIBE.
EM3 - 6.438' PILOT, 7.750' B.C.	55 = 5 5/8'	
EM4 - 7.000' PILOT, 7.750' B.C.	60 = 6'	
EM5 - 7.875' PILOT, 8.625' B.C.	65 = 6 5/8'	
EM5A - 7.875' PILOT, 9.250' B.C.	70 = 7'	
EM6 - 8.250' PILOT, 9.250' B.C.	75 = 7 5/8'	
	85 = 8 5/8'	
	93 = 9 3/8'	