

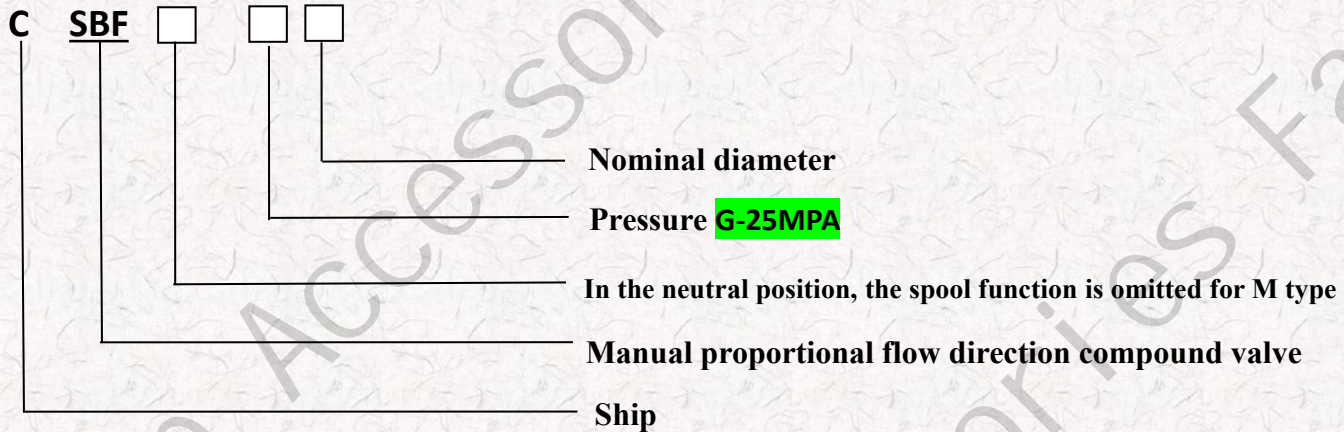
SHIPBUILDING-MANUAL PROPORTIONAL FLOW DIRECTION COMPOUND VALVE

CSBF TYPE marine manual proportional flow direction compound valve is a three-position four-way reversing valve with pressure compensation, flow proportional adjustment and safety protection. It has good reversing speed regulation performance, good reliability, convenient operation and long life. It is widely used in the hydraulic system of ship machinery and other various machinery.

35SFRE TYPE marine manual reversing proportional speed control valve is a three-position five-way valve with excellent response characteristics and pressure compensation function; its pressure compensation valve effectively suppresses load impact, keeps the system flow from fluctuating due to pressure fluctuations, and provides stability Power.



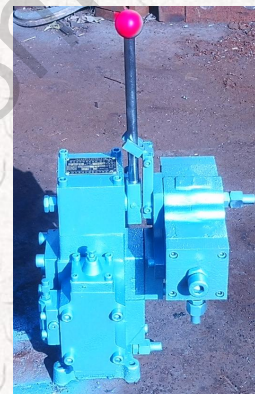
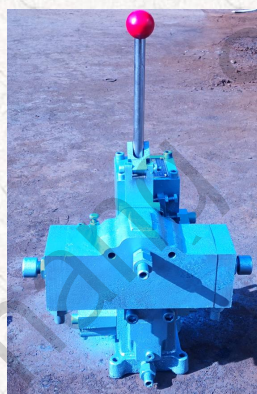
PARAMETER SELECTION TABLE



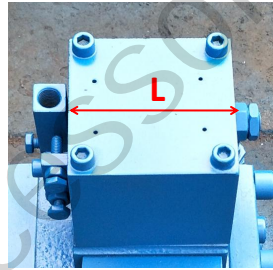
Model	Nominal diameter (mm)	Flow (L/min)	Pressure (MPA)	Safety valve pressure regulation (MPA)	Handle control force (N)	Mid-position spool valve function
CSBF-G20	20	120	25	5~25	≤40	M-type
CSBF-G25	25	200				O-type
CSBF-G32	32	300				Y-type
CSBF-G40	40	450				H-type
CSBF-G50	50	700				K-type
CSBF-G65	65	1200				P-type

▲This valve is normally delivered with an **M-type** neutral function. If the user needs other neutral spool valve functions or special requirements, they should be put forward when ordering for accurate delivery.

▲This valve is normally delivered as **manual type**. If users need **remote control** or **spring return type**, they should be mentioned when ordering for accurate delivery.

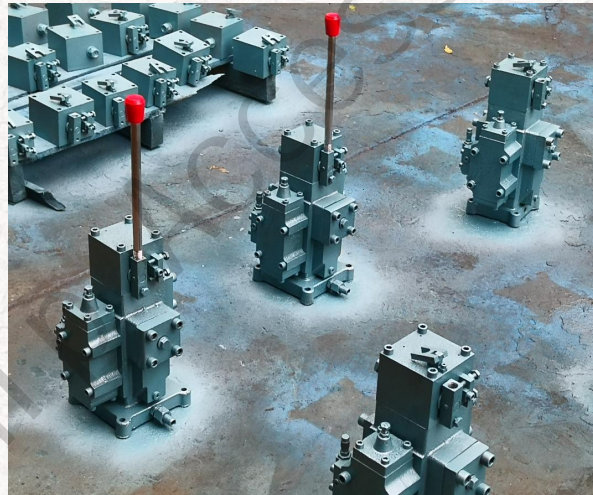
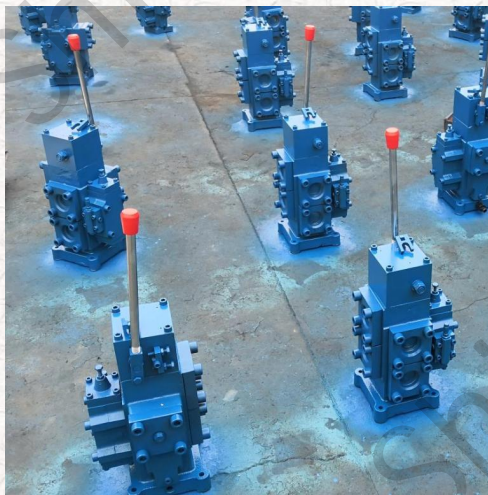


IDENTIFICATION METHOD FOR REPAIR AND REPLACEMENT

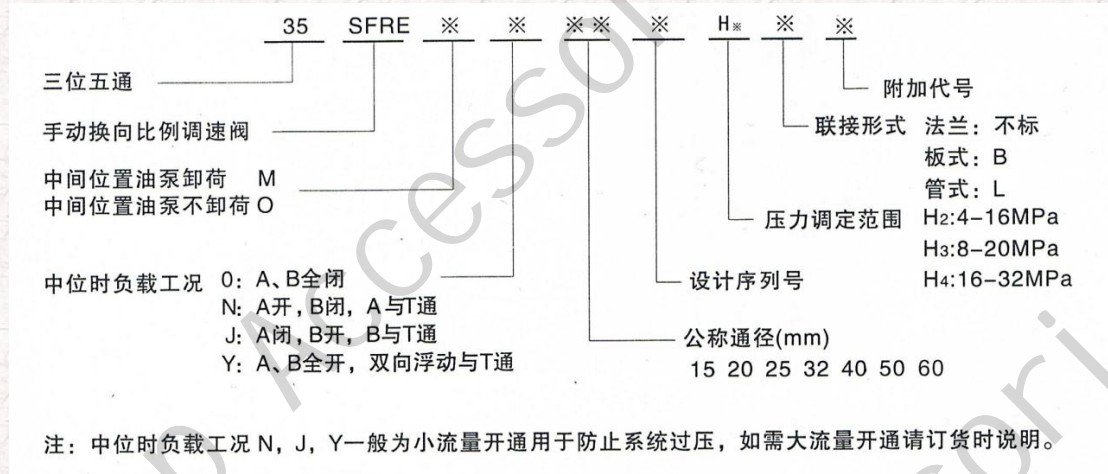


Looking down from the top, measure the side length of the square valve block, and then check it.

L (mm)	MODEL
80	CSBF-G20
90	CSBF-G25
100	CSBF-G32
110	CSBF-G40
130	CSBF-G50

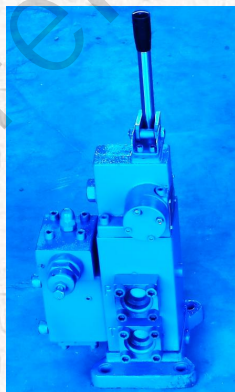


PARAMETER SELECTION TABLE



Model	Nominal diameter (mm)	Flow (L/min)	Pressure (MPa)	Mid-position spool valve function
35SFRE	15	60	16-32Mpa	MO-type, MY-type, MN-type MJ-type
	20	100		
	25	200		
	32	280		
	40	380		OO-type, OY-type, ON-type OJ-type
	50	600		
	60	800		

▲This valve normally leaves the factory with MO-type neutral function. If the user needs other neutral spool valve functions or special requirements, they should be put forward when ordering for accurate delivery.



IDENTIFICATION METHOD FOR REPAIR AND REPLACEMENT



Measure the center distance of any bolt hole where the valve block is installed, and then check it.

PCD (mm)	Model
35	35SFRE-15
40	35SFRE-20
50	35SFRE-25
60	35SFRE-32
66	35SFRE-40
80	35SFRE-50

