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DZ-30 Series Pilot Operated Sequencing Valves

MACHYDRA

CONTENT



1. This valve can be used as sequencing valves,back pressure valves,and unloading valves
2. Connection size according to DIN24340, type D and ISO 5781
3. Insert or connect
4. Can select with check valve
5. Three pressure adjustment ways: Adjusting bolt with protection cover; Regulating handle with lock

ORDERING DETAILS

DZ _ _ _ **30** **21** _ _ _

Series code
DZ = Pilot operated sequencing valve

Pilot operated valves
No code = Pilot operated sequencing valve
C = Pilot valve without plug-in(no size marking)
C = Pilot valve with plug-in (marking size30)

Size
10 = NG10
20 = NG25
30 = NG32

Regulating element
1 = Regulating handle
2 = Regulating bolt with protection cover
3 = Regulating handle with lock

Serial number
30 = 30 series

Hydraulic seals
No code = NBR seal
V = FKM seal

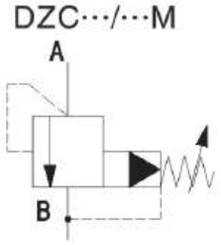
Check valve
No code = With check valve
M = Without check valve

Supply and drain controlling
No code = Internal supply internal drain
X = External supply internal drain
Y = Internal supply external drain
XY = External supply external drain

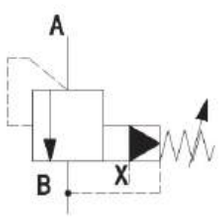
Max. pressure
21 = Pressure can reach to 21 MPa

SYMBOLE

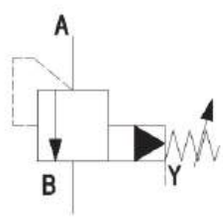
DZ···/···M
DZC···/···M



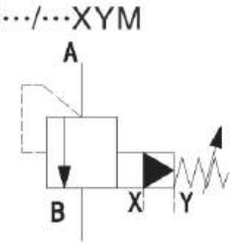
DZ···/···XM



DZ···/···YM

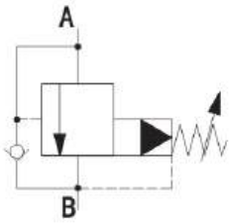


DZ···/···XYM
DZC···/···XYM

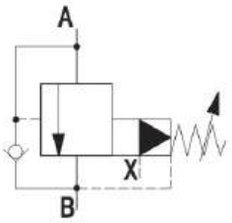


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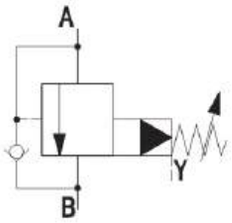
DZ···30



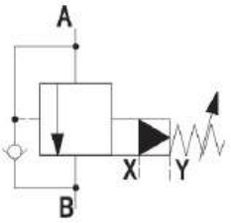
DZ···30···X



DZ···30···Y···



DZ···30···XY



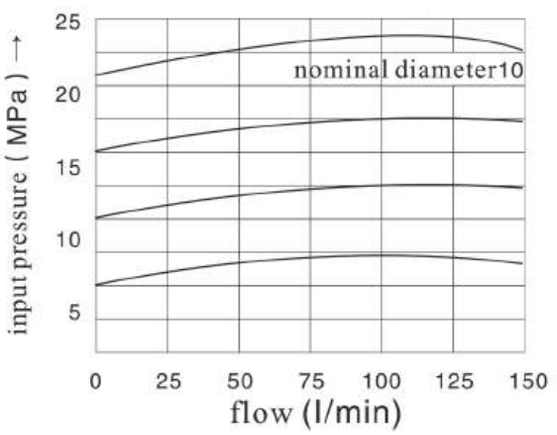
TECHNICAL DATA

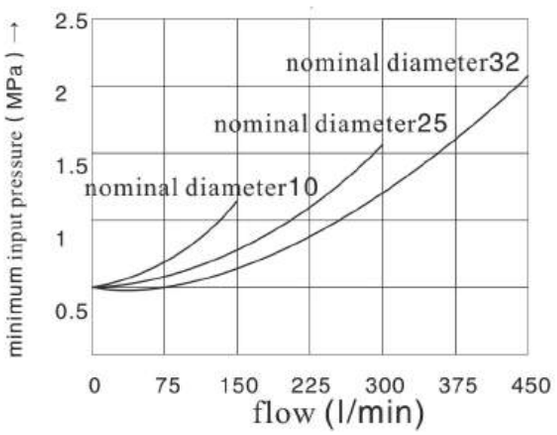
Hydraulic Data

Operating medium	Suitable for NBR or fluorine rubber seal		Mineral oil-suit to NBR or FKM seals		
	Suitable for fluorine rubber seal		Phosphate-suit to FKM seals		
Temperature range of working medium		°C	-30~+80(NBR seals)		
			-20~+80(FKM seals)		
Viscosity scope		mm²/s	10~800		
The oil cleanliness			The maximum oil pollution level according to NAS1638 class 9 and ISO4406 20, 18, class 15		
Maximum operating pressure	Maximum operating pressure	MPa	31.5		
	The maximum adjustment pressure	MPa	31.5		
Pressure setting the maximum		MPa	21		
The minimum		MPa	Associated with the flow (see the performance curve)		
Size			DZ10	DZ20	DZ30
The maximum flow		L/min	200	400	600
Mounting site			Optional		

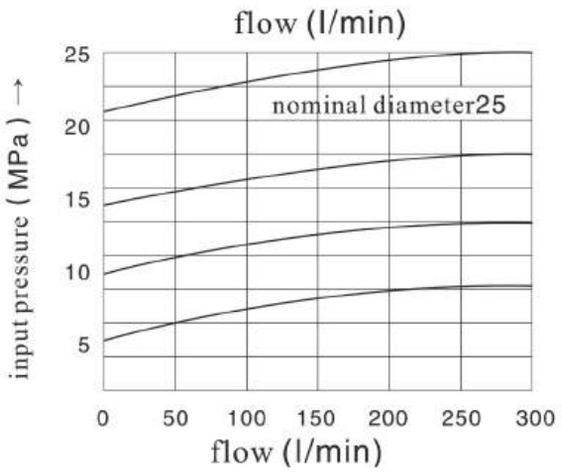
CHARACTERISTIC CURVE

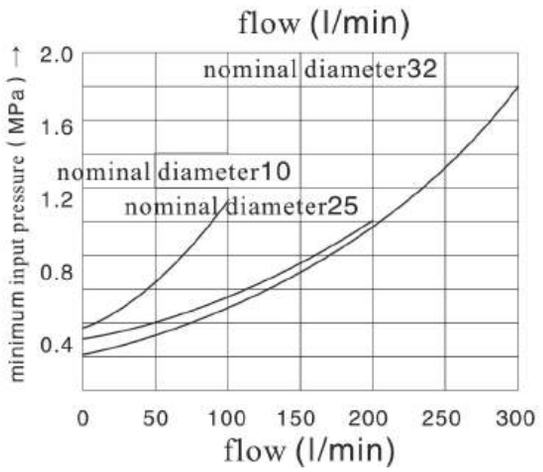
（curve was measured when there was no back pressure，and using mineral oil HLP46, t=40℃）

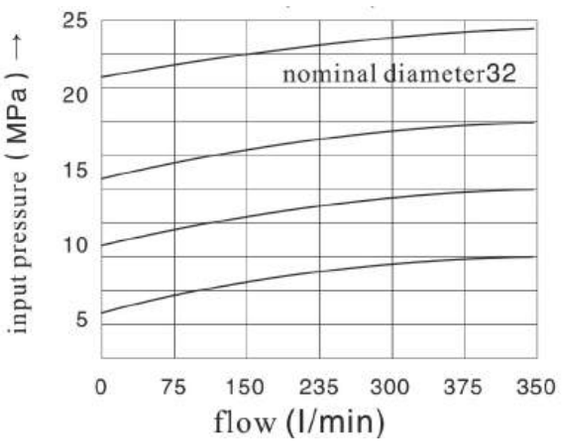


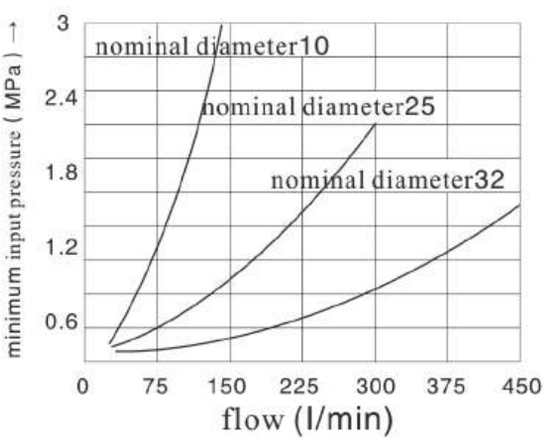


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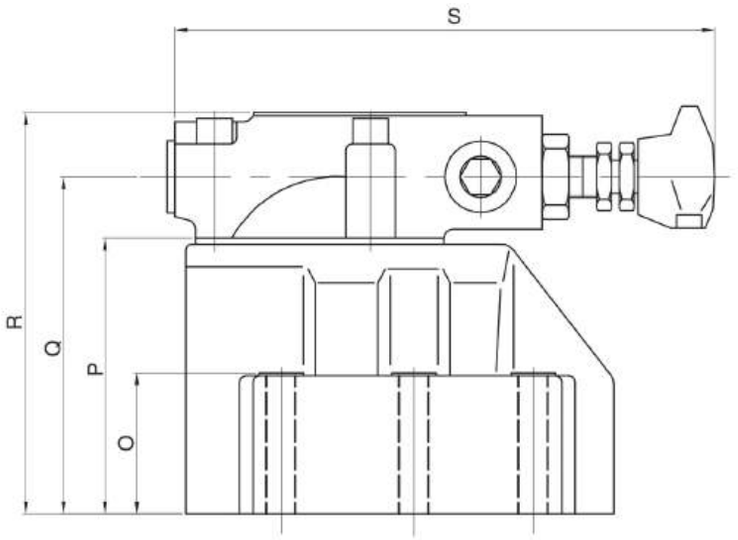


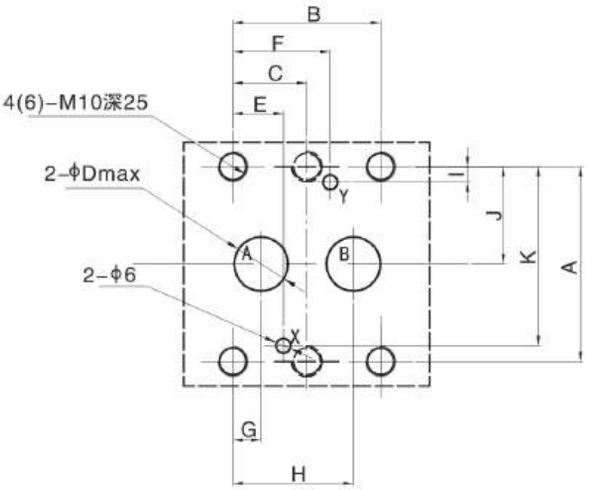


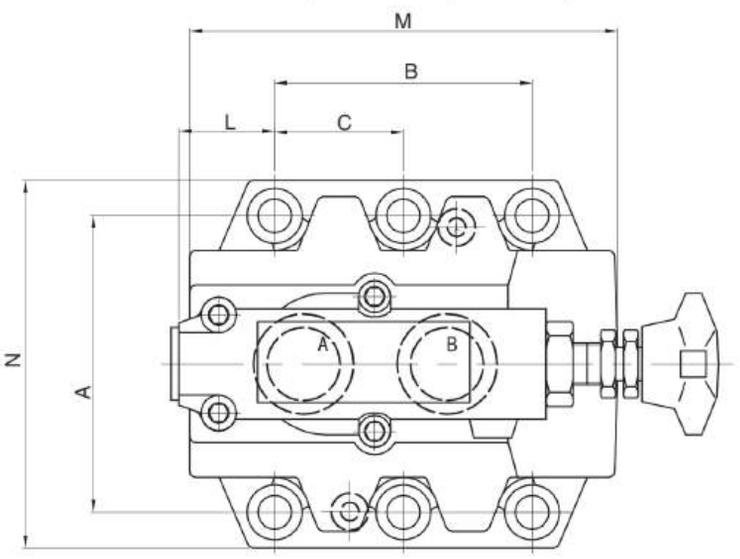
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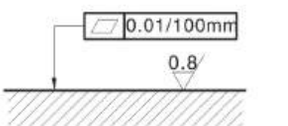
UNIT DIMENSIONS

DZ-30









the surface of mating parts
request precision process

code	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
DZ10	66.7	42.9	–	13	21.5	21.5	7.2	35.8	7.9	33.3	58.8	34.5	90	85	28	72	92	112	183
DZ20	79.4	60.3	–	22	20.6	39.7	11.1	49.2	6.4	39.7	73	37	112	102	38	82	102	122	183
DZ30	96.8	84.2	42.1	30	24.6	59.5	16.7	67.5	3.8	48.4	92.8	31.3	140	120	46	90	110	130	183