



SHUBHAM **M**ACHINERY
& PIPE TRADERS



JACKTECH HYDRAULICS

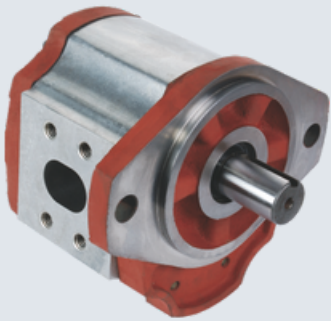
DETAIL CATALOGUE



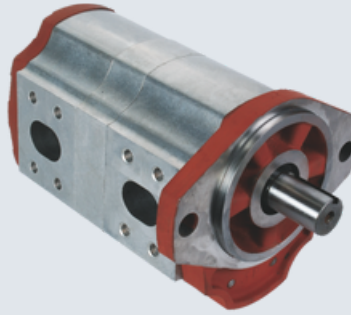
SHUBHAM MACHINERY
& PIPE TRADERS



JACKTECH[®]
HYDRAULICS



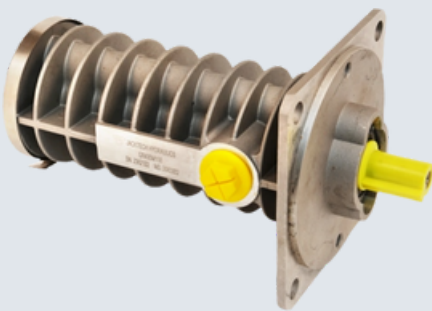
EXTERNAL GEAR PUMP



TANDEM PUMP



INTERNAL GEAR PUMP



SCREW PUMP



HIGH PRESSURE VANE PUMP



LOW PRESSURE VANE PUMP



VARIABLE DISPLACEMENT PUMP
HA10VSO SERIES



VARIABLE DISPLACEMENT PUMP
HA SERIES



BENT AXIS PISTON PUMP



VANE PUMP CARTRIDGE KIT



HYDRO MOTOR



PISTON MOTOR



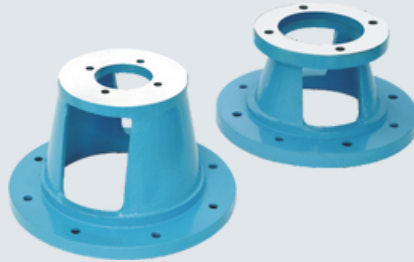
SHUBHAM MACHINERY
& PIPE TRADERS



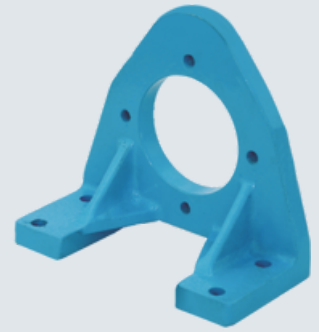
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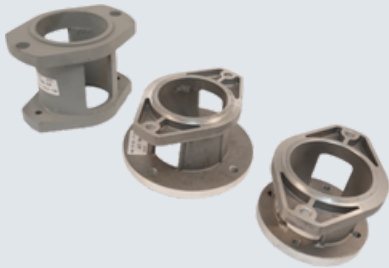
ALUMINIUM BELL HOUSING



CAST IRON BELL HOUSING



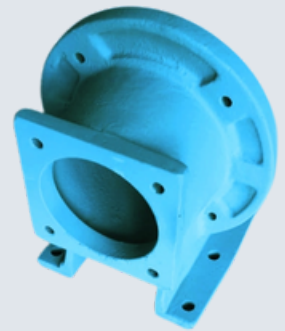
L TYPE BRACKET



EXTENSION BRACKET



FOOT BRACKET



FOOT MOUNTED BELL HOUSING



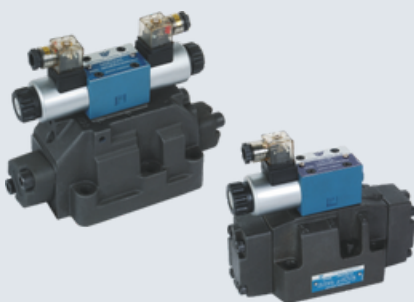
NYLON SLEEVE GEAR COUPLING



FLEXIBLE JAW SPIDER COUPLING



DIRECTION CONTROL VALVE



**PILOT OPERATED DIRECTION
CONTROL VALVE**



POPPET VALVE



LIFT VALVE BLOCK



SHUBHAM MACHINERY
& PIPE TRADERS



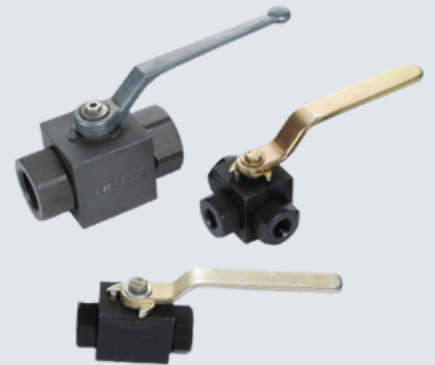
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HAND LEVER VALVE



MOBILE VALVE



BALL VALVE



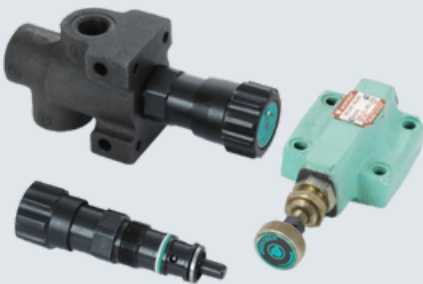
NEEDLE VALVES



MODULAR VALVES



GAUGE ISOLATOR VALVE



PRESSURE VALVES



CHECK VALVES



FLOW CONTROL VALVES



**PILOT OPERATED PRESSURE
RELIEF VALVE : DB/DBW**



FLOW DIVIDER VALVE



**PROPORTIONAL PRESSURE
RELIEF & FLOW
CONTROL VALVE : EFBG**



SHUBHAM MACHINERY
& PIPE TRADERS



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HYDRAULICS



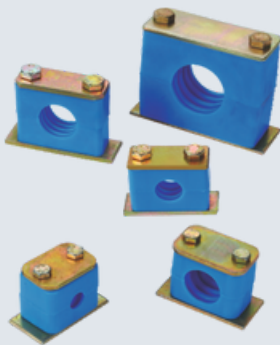
SUCTION FILTER



TANK BREATHERS



OIL LEVEL GAUGES



PIPE CLAMPS



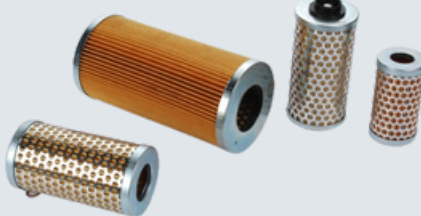
JUNCTION BLOCKS



FLANGES



CLEANING COVER



FILTER ELEMENTS



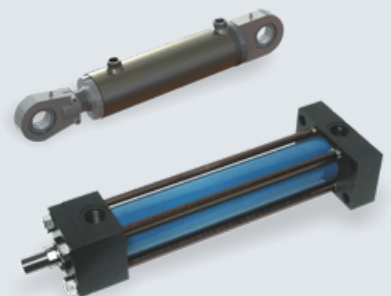
MANIFOLD BLOCK



HYDRAULIC FITTINGS



HYDRAULIC POWERPACK



HYDRAULIC CYLINDER

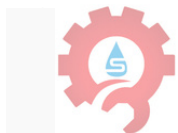
PRODUCT RANGE

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OTHER PRODUCTS

- * SOLENOID DIRECTION CONTROL VALVES
- * PROPORTIONAL VALVES
- * VARIABLE DISPLACEMENT PISTON PUMPS
- * RADIAL PISTON PUMP
- * VANE PUMP
- * MODULAR VALVES
- * PRESSURE RELIEF VALVES
- * CHECK VALVES
- * FLOW CONTROL VALVES
- * PRESSURE SWITCH
- * PRESSURE GAUGES
- * RETURN LINE FILTERS
- * MULTI LEVER DIRECTION CONTROL VALVES
- * HYDRO MOTOR (PISTON & ORBITAL)
- * HYDRAULICS POWERPACK
- * HYDRAULICS CYLINDER
- * SPECIAL MANIFOLD BLOCK
- * VALVES SUBPLATES
- * VALVES BLIND PLATES
- * SAE FLANGES
- * SEAMLESS PIPE
- * FITTINGS
- * OIL COOLERS



SUCTION STRAINER

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Release 04/2015

Features & Description

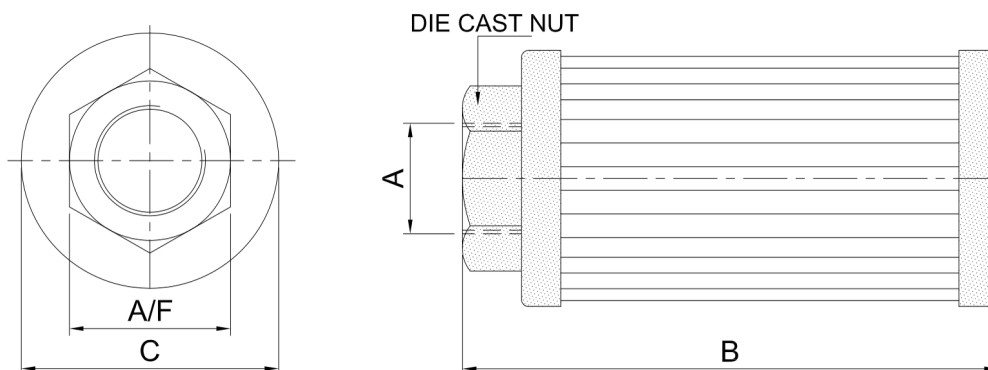
Jacktech suction strainer are zink-plated, with stainless steel mesh screens and rugged steel core centers epoxy bonded to heavy gauge connector and end caps.

Suction strainers filter petroleum-based hydraulics fluids, lubricating oil, coolants, fuels and similar applications. They are cleanable and reusable. Clean by swishing in non-caustic solvent, then blow dry from inner diameter to outer diameter with compressed air.

Reusable SS 100 mesh / 149 micron standard. Aluminium die cast nut. Steel cap / support cap. Maximum working temperature 80° C. Continuous epoxy bond.



Unit Dimensions



MODEL NO.	FLOW LPM	THREAD IN BSP. A	OVERALL LENGTH B	DIA. NUT CAP C	NUT A/F	SCREEN AREA (SQ.CMS)	WT (Kgs.)
SC3-002	8	1/4"	90	46	24	187	0.10
SC3-003	12	3/8"	90	46	24	187	0.10
SC3-005	20	1/2"	105	46	30	226	0.10
SC3-007	28	3/4"	109	64	35	406	0.20
SC3-010	40	1"	139	64	46	542	0.20
SC3-015	60	1-1/4"	139	86	51	929	0.30
SC3-020	80	1-1/2"	168	86	60	1161	0.35
SC3-030	120	1-1/2"	200	86	60	1393	0.40
SC3-040	160	2"	235	100	70	1806	0.55
SC3-050	200	2"	260	100	70	2032	0.60
SC3-075	300	2-1/2"	211	150	90	2787	0.85
SC3-100	400	3"	272	150	100	3677	1.00
SC3-150	600	3"	345	150	100	4838	1.25



BREATHER

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Release 04/2015

Features & Description

This is a combination unit for filtering air displacement from reservoir and for straining oil while filling. Mounting options include tank top.

Displacement capacity is 700 LPM (25 C.Ft.Min.) And filtration is to 40 microns.

Air displacement from underneath cap assembly improves performance.

The unit comes completely assembled with internal safety Chain and all gaskets and fasteners. The mounting surface prepared as outlined in the sketch along unbroken line, should be free of burrs, flat and clean to provide a good sealing surface for flange gasket.

For use with Hydraulic/Lub. oil resevoirs applications include machine tools. mobile equipment, industrial machinery etc.



Unit Dimensions

Filler breather assembly

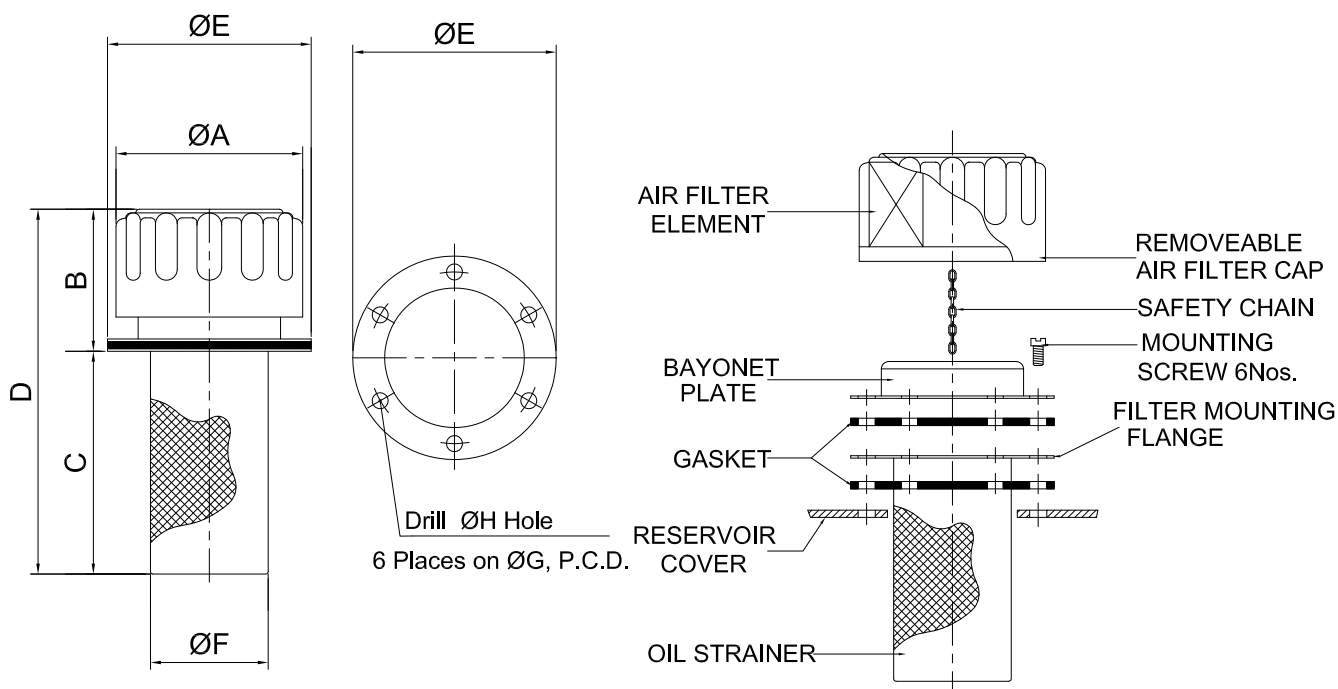
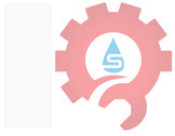


Table-1

MODEL	DISPLACEMENT	RATING MICRON	$\varnothing A$	B	C	D	$\varnothing E$	$\varnothing F$	G	H
FSB-05	150 LPM	40	45	52	60	112	52	28	40	5
FSB-25	700 LPM	40	76	57	90	148	83	49	72	6.5



BREATHER

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Release 04/2015

Unit Dimensions

Tank breather

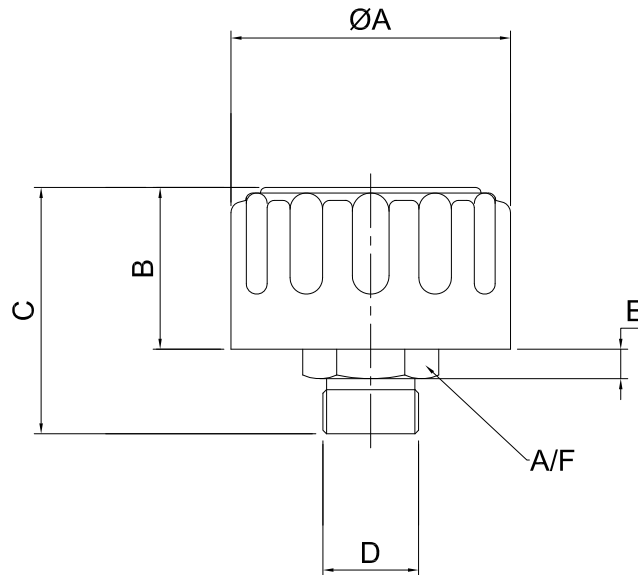


Table-2

MODEL	DISPLACEMENT	RATING MICRON	ØA	B	C	D	E	A/F
TB-05	150 LPM	40	45	39	60	1/4" BSP	8	25
TB-25	700 LPM	40	76	44	70	3/4" BSP	10	30



LEVEL GAUGE

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Release 04/2015

Features & Description

- 'O' Ring type construction
- 2 size 3" & 5" between bolt centre
- For non pressurised tanks only
- Can mounted on tapped holes
- Suitable for mineral & petroleum based oils
- Maximum temperature 80°C



Unit Dimensions

Face type

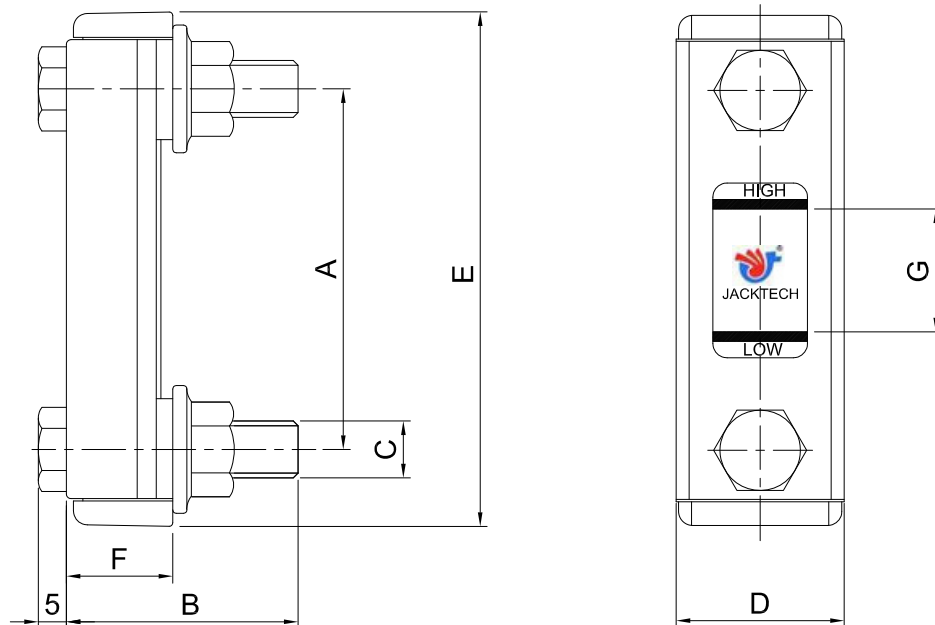
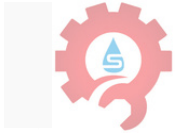


Table-1

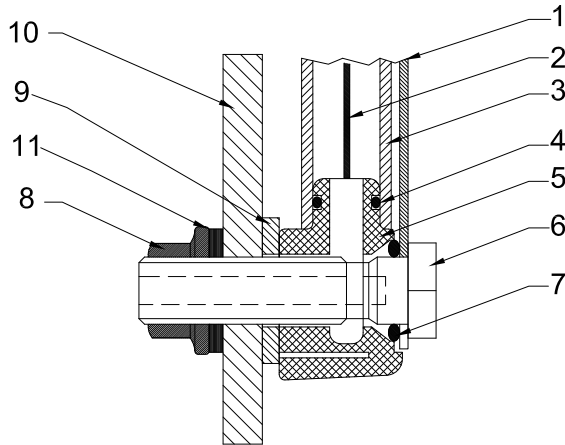
MODEL CODE	A	B	C	D	E	F	G
FLG 6 - 03	3"	48	M12	34	108	20	37
FLG 6 - 05	5"	48	M12	34	159	20	76



LEVEL GAUGE

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Release 04/2015

Assembly details



1. COVER
2. INDICATOR
3. TUBE
4. 'O' RING
5. END PIECE
6. BOLT M12
7. 'O' RING
8. NUT
9. WASHER (RUBBER)
10. TANK PLATE
11. MS WASHER

Note: * Bolt Torque to be limited to 3 FT LBS

Unit Dimensions

Knob (Threaded) type (Sight level gauge)

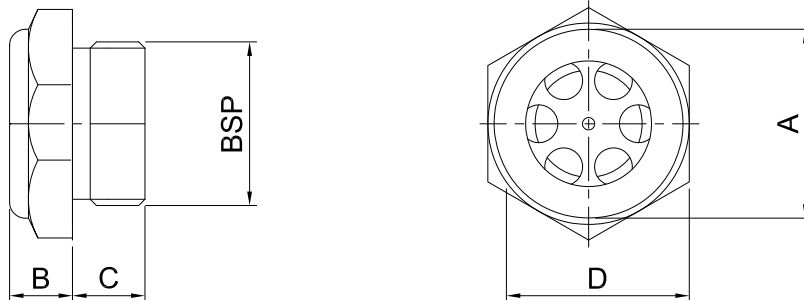
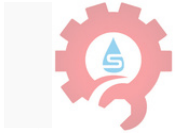


Table-2

Part no.	BSP	A	B	C	D
KLG - 1/4"	1/4"	10	8	8	17
KLG - 3/8"	3/8"	12	7	9	22
KLG - 1/2"	1/2"	15	7	10	27
KLG - 3/4"	3/4"	20	8	11	32
KLG - 1"	1"	25	9	14	40
KLG - 1 1/4"	1 1/4"	34	9	15	50
KLG - 1 1/2"	1 1/2"	38	9	15	55



NYLONE SLEEVE SERIES FLEXIBE COUPLING

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Release 04/2015

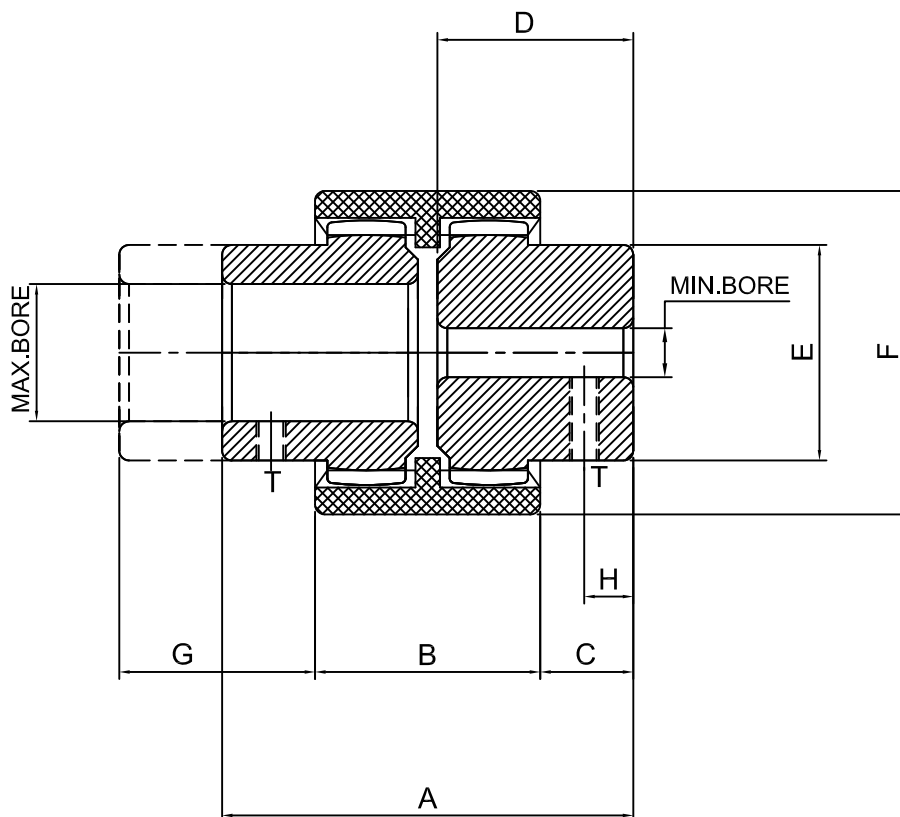
Features & Description

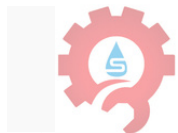
The series is a standard coupling with two hubs, a nylon sleeve, and retaining rings depending on the model selected. The coupling has a precision molded nylon sleeve and powder metal hub with no bolts, pins, flanges, or protrusions that could have an effect on balance or operational safety. Since no lubrication is used, the couplings can readily be adapted to many applications including vertical and blind installations.

- Compact in size
- Maintenance Free - No Lubrication required
- Can accommodate axial, angular, and parallel misalignment
- Easy to assemble
- Electrically insulating
- Can be used in temperature ranges from -25° to 80° C
- Nylon sleeves has high resistance to condensation and water, hydrocarbon based petroleum, and alcohols
- Not ideal for use with acids, benzyl based products, or glycols



Unit Dimensions





NYLONE SLEEVE SERIES FLEXIBE COUPLING

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Release 04/2015

Unit Dimensions

Table-1

Coupling Size	Total Length	Sleeve Width	Hub Width	Gear length	Boss O.D.	Sleeve O.D.	Clearance	Metric set screw	
	A (mm.)	B (mm.)	C (mm.)	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	T Size
JT 19	54	37	07	25	30	48	18	6	M5
JT 24	56	41	7.5	26	36	52	18.5	6	M5
JT 28	84	46	19	40	44	66	21	10	M6
JT 38	84	48	18	40	58	83	22	10	M8
JT 48	104	50	27	50	68	100	23	10	M8
JT 65	144	72	36	70	96	140	34	20	M10

Note: * Bore with key way gear coupling also available.
* Gear length varriable also available.

Performance Data

Table-1

Coupling Size	Torque Capacity		Maximum	Misalignment			Weight ¹	Bore Size ²	
	Nominal	Maximum	Speed	Angular	Axial	Parallel		Nominal	Maximum
	Nm	Nm	RPM	Degrees	mm	mm	kg	mm	mm
JT 19	16	32	8000	1° Per Hub	+/-1	0.3	0.3	09	19
JT 24	20	40	8000			0.4	0.5	10	24
JT 28	45	90	8000			0.4	1.1	10	28
JT 38	80	160	6000			0.4	1.9	14	38
JT 48	140	280	5000			0.4	3.2	14	48
JT 65	390	780	3800			0.6	8.7	20	65

Note: * 1 indicate: weight is calculated using minimum bore and standard length.
* 2 indicate: minimum and maximum bore size are given for straight bores.



JACKTECH TORSIONALLY FLEXIBE COUPLING

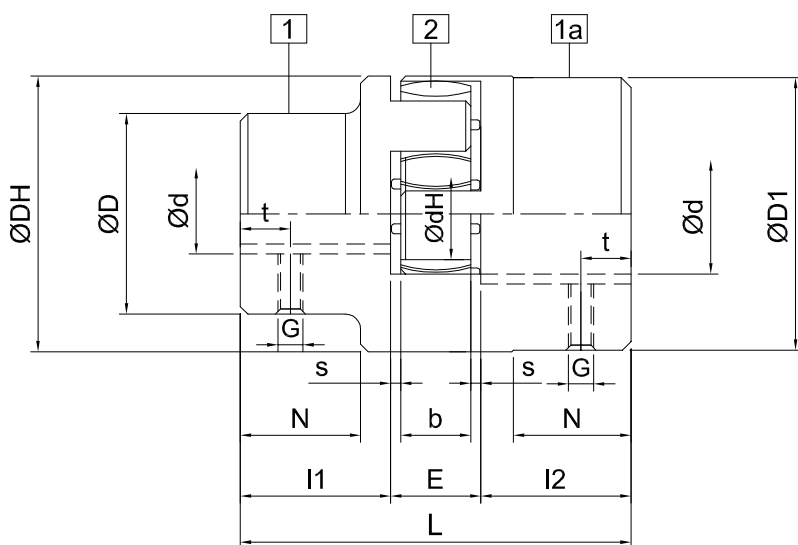
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Release 04/2018

Features & Description

- Hub from steel , cast iron ,sg iron ,specifically suitable for drive elements subject to high load, e.g. steel mills, elevator drives, hydraulics, etc.
- Torsionally flexible , maintenance-free, vibration-damping
- Axial plug-in, fail-safe
- Allover machining - good dynamic properties
- Compact design / small flywheel effect
- Finish bore according to ISO fit H7, feather keyway according to DIN 6885 sheet 1 - JS9



Component



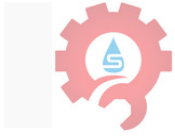
1 - Standard Hub
2 - Spider
1a - Large Hub

Unit Dimensions

Material :- Steel (st) / EN-GJL-250 (GG 25) / EN-GJS-400-15 (GGG 40)

Size	Component	Spider		Dimensions [mm]													
		Rated torque (NM)		Finish bore d (min-max)	General										Thread for setscrews		
		92 Sh A	98 Sh A		L	I1;I2	E	b	s	D _H	d _H	D;D1	N	G	t	T _A [Nm]	
24	1	35	60	9 - 24	78	30	18	14	2	56 [*]	27	40	24	M5	10	2	
	1a			22 - 28								56 [*]					
28	1	95	160	10 - 28	90	35	20	15	2.5	66 [*]	30	48	28	M8	15	10	
	1a			28 - 38								66 [*]					
38	1	190	325	12 - 40	114	45	24	18	3	80	38	66 [*]	37	M8	15	10	
	1a			38 - 48								78					
42	1	265	450	14 - 45	126	50	26	20	3	95	46	75 [*]	40	M8	20	10	
	1a			42 - 55								94					

Order form :	Coupling size	Material	Spider hardness	Component	Finish bore	Component	Finish bore
Example	JACKTECH 42	GJS	92 Sh A	1	Ø22.22	1a	Ø42



PIPE CLAMPS LIGHT SERIES

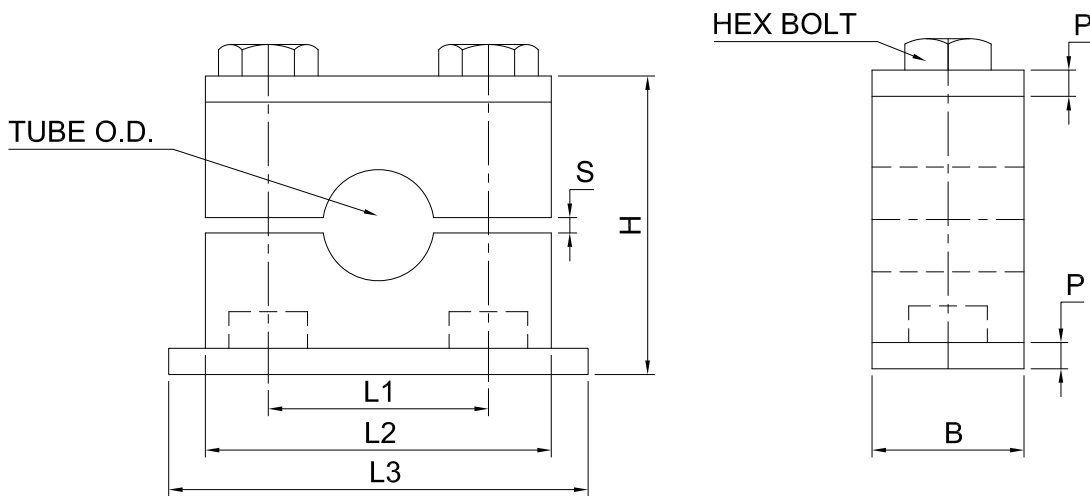
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Release 04/2015

Features & Description

Light duty pipe clamps are made out from polypropylene material.
polypropylene material having good strength and mild steel plates.
This pipe clamps are more suitable where hydraulics pipelines
are required to be straight in short following ranges as well as
long length. Pipe clamps are available in following ranges.



Unit Dimensions



PCS									
GROUP	TUBE O.D.	L1	L2	L3	B	H	P	S	HEX BOLT
GR-1	6	20	36	45	30	32	3	1	M6X30
	8								
	10								
GR-2	12	26	42	55	30	38	3	1	M6X35
	14								
	16								
GR-3	18	33	48	60	30	41	3	1	M6X40
	20								
	22								
+ GR-4	25	40	55	68	30	48	3	1	M6X45
	28								
	30								
GR-5	33	52	71	80	30	65	3	1	M6X60
	35								
	38								
* GR-6	42	90	115	130	45	95	4	2	M10X90
	48								
	50								
	60								
	65								

* Heavy duty mould



PIPE CLAMPS HEAVY SERIES

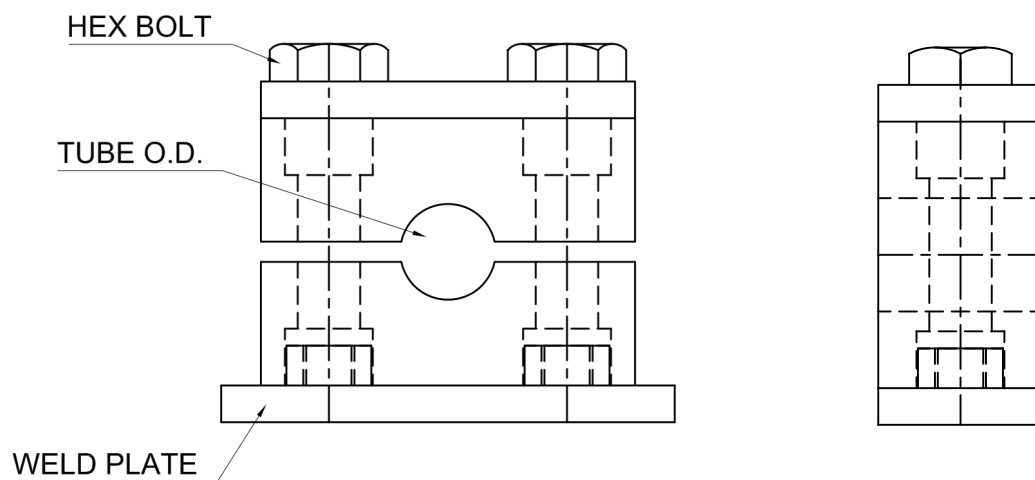
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Release 04/2015

Features & Description

Heavy duty pipe clamps are made out from polypropylene material. polypropylene material having good strength and mild steel plates. This pipe clamps are more suitable where hydraulics pipelines are required to be straight in short following ranges as well as long length. Pipe clamps are available in following ranges.



Section

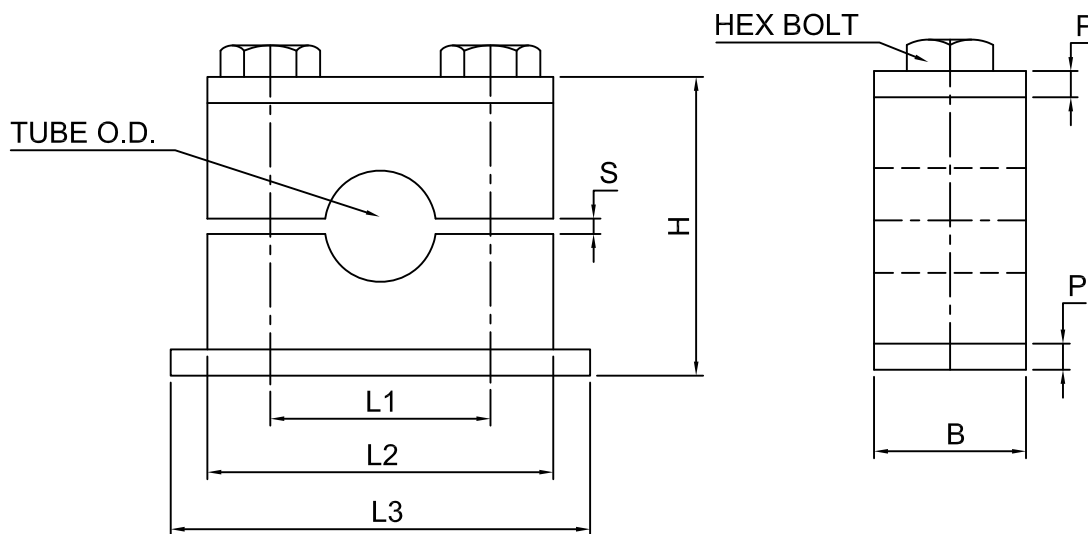




PIPE CLAMPS HEAVY SERIES

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Release 04/2015

Unit Dimensions



PCH									
GROUP	TUBE O.D.	L1	L2	L3	B	H	P	S	HEX BOLT
GR-1	10 12 16	33	55	74	30	40	5 *	1	M10X38
GR-2	18 20 22 25 28	45	70	86	30	55	5 *	1.5	M10X50
GR-3	30 33 35 38 42	60	85	100	30	68	5 *	2	M10X65
GR-4	48 50 60 65	90	115	130	45	107	10	3	M10X100 *
GR-5	75 80 90	120	150	180	60	135	10	4	M12X130 *
GR-6	89 100 114 127 133	167	206	226	80	195	15	5	M20X190
GR-7	133 141 152 165 168	205	250	310	90	230	15	5	M20X230 *
GR-8	168 178 194 216	265	320	340	115	310	25	10	M30X300
GR-9	219 244 273 324	395	466	520	150	455	30	10	M30X450



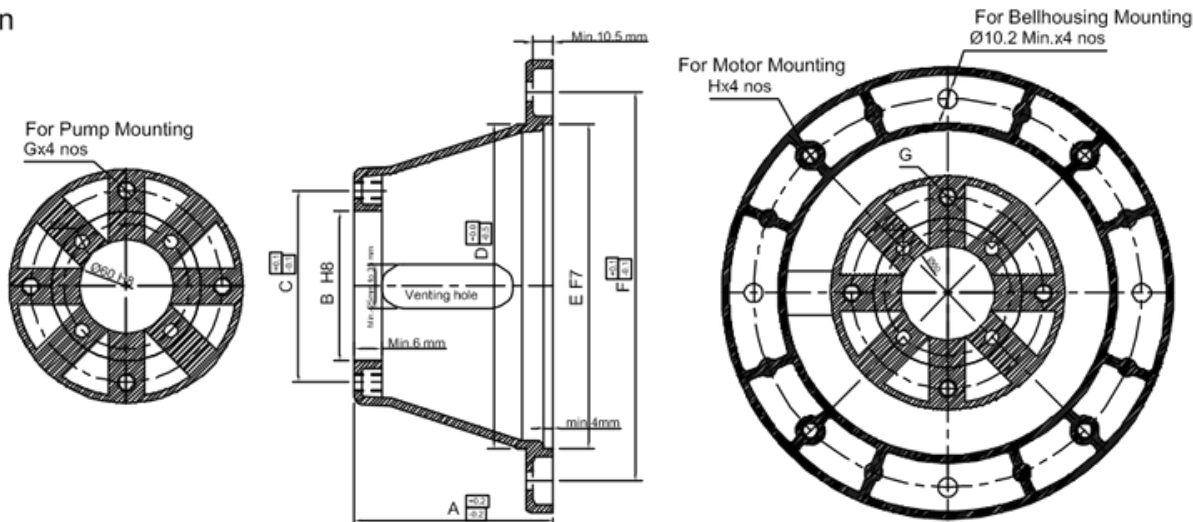
BELL HOUSING (Aluminium)

Page - 1/2
Release 01/2019

Product Characteristics

- By using bell housings motor and pump shaft are aligned to each other optimally
- Material aluminium low weight with sufficient strength
- Horizontal assembly possible with foot cum flange motor
- Bell housing material high graded aluminium pressure die cast
- Jacktech GJM series aluminium bell housing are precisely machined to reduce misalignment of coupled shafts
- Alluminium bell housing also reduces the noise generation considerably
- Alluminium bell housing size available as per factory stock

Section



Dimensional Details & Ordering information

	PART NO.	FRAME SIZE	MOTOR H.P.	A	B H8	C	D	E F7	F	G	H
	11082675	71	0.5	75	82.6	106.2	114	110	130	M10	M8
	13082680	80	0.75,1	80	82.6	106.2	140	130	165	M10	M10
	130826100	80,90 S/L	0.75,1,1.5,2	100	82.6	106.2	140	130	165	M10	M10
NEW	130826106	80,90 S/L	0.75,1,1.5,2	106	82.6	106.2	130	130	165	M10	M10
NEW	13080106	80,90 S/L	0.75,1,1.5,2	106	80	101.5	130	130	165	M8	M10
	130826130	80,90 S/L	0.75,1,1.5,2	130	82.6	106.2	140	130	165	M10	M10
	13060130	80,90 S/L	0.75,1,1.5,2	130	60	80	140	130	165	Ø9	M10
	180826110	100L/112M	3,5	110	82.6	106.2	180	180	215	M10	M12
	180826124	100L/112M	3,5	124	82.6	106.2	180	180	215	M10	M12
	18060124	100L/112M	3,5	124	60	80	180	180	215	Ø9	M12
NEW	1801016110 / 124	100L/112M	3,5	110/124	101.6	145.9	180	180	215	M12	M12
	230826145	132S/132M	7.5,10	145	82.6	106.2	230	230	265	M10	M12
	2301016145	132S/132M	7.5,10	145	101.6	145.9	230	230	265	M12	M12
	230100145	132S/132M	7.5,10	145	100	140	230	230	265	M12	M12
	23060145	132S/132M	7.5,10	145	60	80	230	230	265	Ø9	M12
	250127188 / 204	160 M/L, 180 M/L	12.5,15,20,25,30	189 / 205	127	180.8	255	250	300	M16	M16
	250125188 / 204	160 M/L, 180 M/L	12.5,15,20,25,30	189 / 205	125	180.8	255	250	300	M16	M16
	2501016188 / 204	160 M/L, 180 M/L	12.5,15,20,25,30	189 / 205	101.6	145.9	255	250	300	M12	M16
	250100188 / 204	160 M/L, 180 M/L	12.5,15,20,25,30	189 / 205	100	140	255	250	300	M12	M16
	250826188 / 204	160 M/L, 180 M/L	12.5,15,20,25,30	189 / 205	82.6	106.2	255	250	300	M10	M16
	25060188 / 204	160 M/L, 180 M/L	12.5,15,20,25,30	189 / 205	60	80	255	250	300	Ø9	M16
	101682687 / 92	EXTENSION BKT.	EB-1RE-1P / 1T	87 / 92	82.6	106.2	**	101.55	156	M10	Ø11
NEW	1016101690 / 100	EXTENSION BKT.	EB-1RE-2P / PVR-50	90 / 100	101.6	106.2	**	101.55	156	M12	Ø11

Note: *This bell housing dimension as per jacktech gear coupling & jacktech standard

* Bell housing kits with Bore key ways coupling & all mounting bolt also available



BELL HOUSING (Casting)

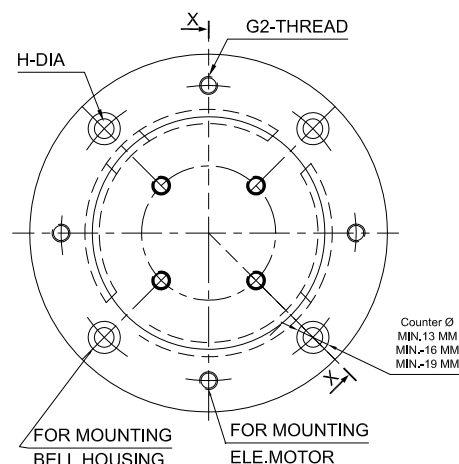
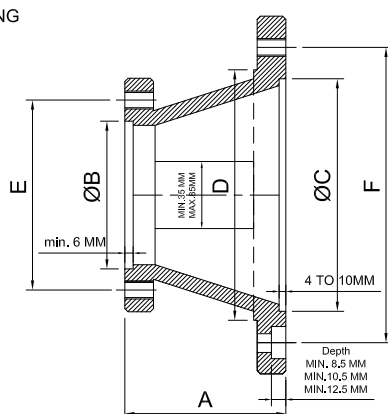
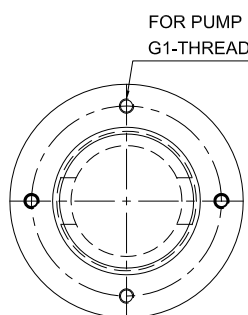
Page - 2/6
Release 04/2015

Product Characteristics

- By using bell housings motor and pump shaft are aligned to each other optimally
- Horizontal assembly possible with foot cum flange motor
- Bell housing material high graded cast iron
- Jacktech bell housing are precisely machined to reduce misalignment of couple shafts.
- Casting bell housing also reduces the noise generation considerably
- Casting bell housing size available as per factory stock



Section



Dimensional Details

FRAME SIZE	MOTOR H.P.	A	B	C	D	E	F	G1	G2	H
71	0.5	75	82.6	110	115	106.2	130	M10	M8	8.5
80	0.75, 1	80	82.6	130	140	106.2	165	M10	M10	10.5
90S, 90L	1.5, 2	100	82.6	130	140	106.2	165	M10	M10	10.5
90S, 90L	1.5, 2	122	101.6	130	140	145.9	165	M12	M10	10.5
90S, 90L	1.5, 2	130	127	130	140	180.8	165	M16	M10	10.5
100L, 112M	3, 5	110 122	82.6	180	180	106.2	215	M10	M12	10.5
100L, 112M	3, 5	145	100 101.6	180	180	140 145.9	215	M12	M12	10.5
100L, 112M	3, 5	145	125 127	180	180	180.8	215	M16	M12	10.5
132S, 132M	7.5, 10	145 170	82.6	230	230	106.2	265	M10	M12	10.5
132S, 132M	7.5, 10	170	100 101.6	230	230	140 145.9	265	M12	M12	10.5
132S, 132M	7.5, 10	170	125 127	230	230	180.8	265	M16	M12	10.5
160M/L, 180M/L	12.5, 15, 20, 25, 30	200	82.6	250	250	106.2	300	M10	M16	10.5
160M/L, 180M/L	12.5, 15, 20, 25, 30	200	100 101.6	250	250	140 145.9	300	M12	M16	10.5
160M/L, 180M/L	12.5, 15, 20, 25, 30	200	125 127	250	250	180.8	300	M16	M16	10.5
200L	40	210	100 101.6	300	300	140 145.9	350	M12	M16	10.5
200L	40	210	125 127	300	300	180.8	350	M16	M16	10.5
225S, 225M	50, 60	250	100 101.6	350	300	140 145.9	400	M12	M16- 8 nos.	13- 8 nos.
225S, 225M	50, 60	250	125 127	350	300	180.8	400	M16	M16- 8 nos.	13- 8 nos.

Note: * This bell housing dimension as per jacktech gear coupling & jacktech standard
 * Bell housing kits with Bore key ways coupling & all mounting bolt also available
 * As per your required pump mounting detail bell housing also available.



BELL HOUSING (CASTING) (PISTON PUMP)

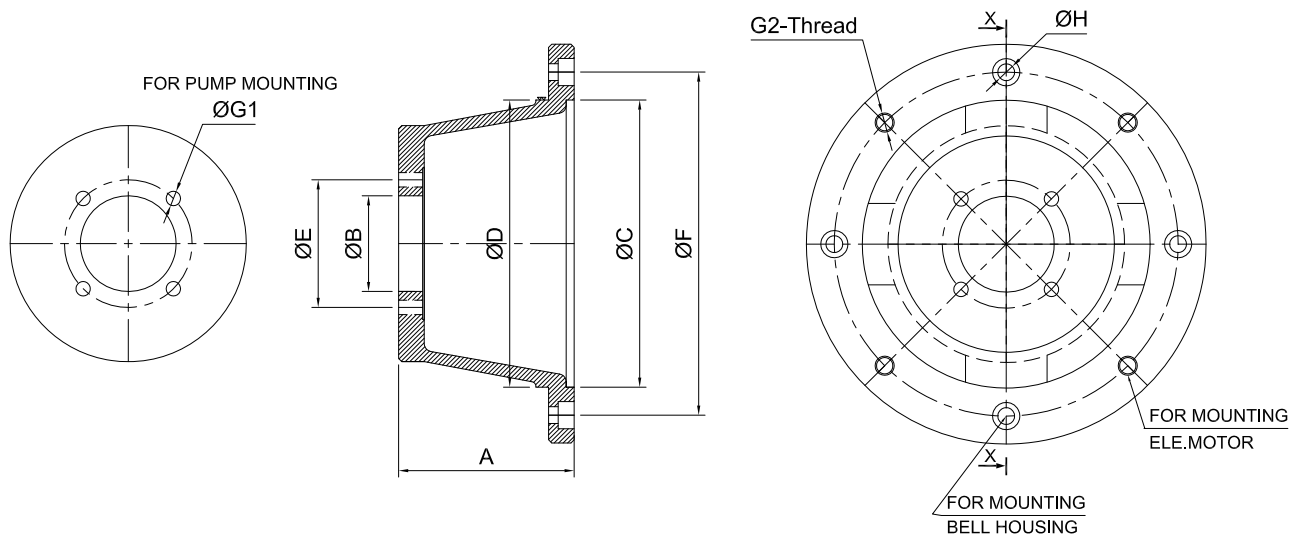
Page - 3/6
Release 04/2015

Product Characteristics

- By using bell housings motor and pump shaft are aligned to each other optimally
- Horizontal assembly possible with foot cum flange motor
- Bell housing material high graded cast iron
- Jacktech bell housing are precisely machined to reduce misalignment of couple shafts.
- Casting bell housing also reduces the noise generation considerably
- Casting bell housing size available as per factory stock



Section



Dimensional Details

FRAME SIZE	MOTOR H.P.	A	B	C	D	E	F	G1	G2	H
80L, 90S, 90L	0.75, 1, 1.5, 2	121	60	130	140	80	165	9	M10	10.5
80L, 90S, 90L	0.75, 1, 1.5, 2	130	60	130	140	80	165	9	M10	10.5
100L, 112M	3, 5	122	60	180	180	80	215	9	M12	10.5
100L, 112M	3, 5	145	60	180	180	80	215	9	M12	10.5
132S, 132M	7.5, 10	145	60/70	230	230	80/92	265	9/11	M12	10.5
132S, 132M	7.5, 10	170	60/70	230	230	80/92	265	9/11	M12	10.5
160M/L, 180M/L	12.5, 15, 20, 25, 30	200	60/70	250	250	80/92	300	9/11	M16	10.5
200L	40	210	60/70	300	300	80/92	350	9/11	M16	10.5
225S, 225M	50, 60	250	60/70	350	300	80/92	400	9/11	M16- 8 nos.	13- 8 nos.

Note: * This bell housing dimension as per jacktech gear coupling & jacktech standard
 * Bell housing kits with Bore key ways coupling & all mounting bolt also available
 * As per your required pump mounting detail bell housing also available.



BELL HOUSING (CASTING) (EXTENSION BRACKET)

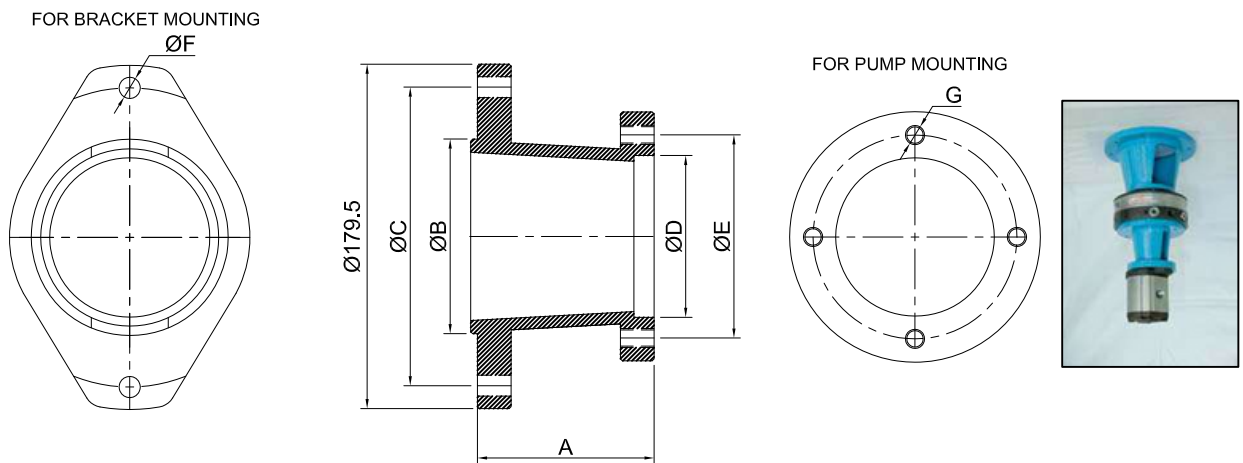
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Release 04/2015

Product Characteristics

- By using bell housings (Extension Bracket) pump and pump shaft are aligned to each other optimally.
- Horizontal assembly possible.
- Bell housing (Extension Bracket) material high graded cast iron.
- Jacktech bell housing (Extension Bracket) are precisely machined to reduce misalignment of couple shafts.
- Casting bell housing (Extension Bracket) also reduces the noise generation considerably
- Casting bell housing (Extension Bracket) size available as per factory stock.



Section



Dimensional Details & Ordering information

ORDER CODE	A	ØB	ØC	ØD	ØE	ØF	G
BHCK*-101.6-82.6-87	87	101.6	156	82.6	106.2	11	M10
BHCK*-101.6-82.6-92	92	101.6	156	82.6	106.2	11	M10
BHCK*-101.6-82.6-120	120	101.6	156	82.6	106.2	11	M10
BHCK*-101.6-101.6-90	90	101.6	156	101.6	145.9	11	M12
BHCK*-101.6-101.6-100	100	101.6	156	101.6	145.9	11	M12
BHCK*-113.8-101.6-130.5	130.5	113.8	156	101.6	145.9	18	M12
BHCK*-101.6-101.6-120	120	101.6	156	101.6	145.9	11	M12
BHCK*-101.6-127-130	130	101.6	156	127	180.8	11	M16
BHCK*-113.8-127-130	130	113.8	156	127	180.8	18	M16
BHCK*-113.8-127-130	130	113.8	140	127	180.8	11- 4 Nos	M16

Note: * This bell housing (Extension Bracket) dimension as per jacktech gear coupling & jacktech standard.
 * Bell housing (Extension Bracket) kits with Bore key ways coupling & all mounting bolt also available.
 * As per your required pump mounting detail bell housing (Extension Bracket) also available.
 * Bell housing (Extension Bracket) order code with gear coupling & bolt code (BHCK)
 W/O gear coupling & bolt code (BHC)



BELL HOUSING (CASTING) ('L' TYPE BRACKET)

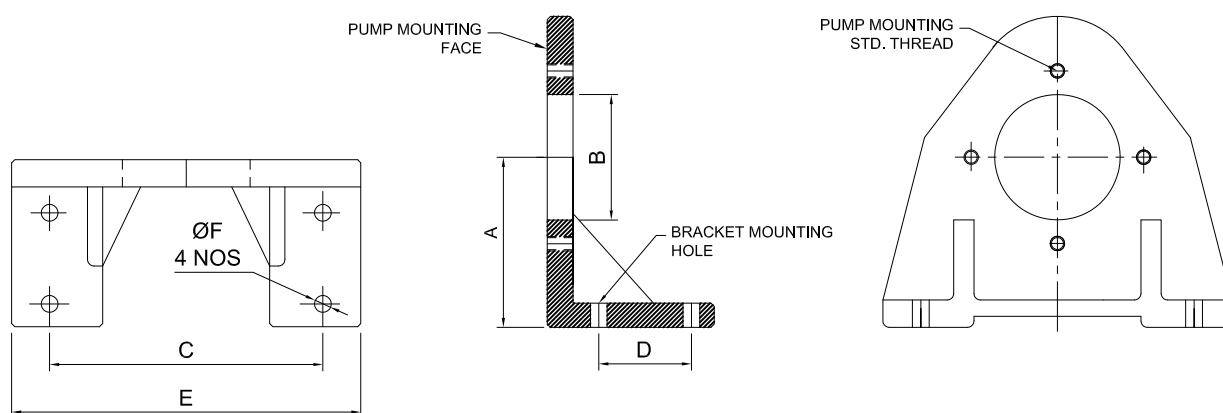
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Release 04/2015

Product Characteristics

- By using bell housings (L Bracket) motor and pump shaft are aligned to each other optimally.
- Horizontal assembly possible with foot cum flange motor.
- Bell housing (L Bracket) material high grade cast iron.
- Jacktech bell housing (L Bracket) are precisely machined to reduce misalignment of couple shafts.
- Casting bell housing (L Bracket) also reduces the noise generation considerably.
- Casting bell housing (L Bracket) size available as per factory stock.



Section

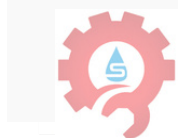


Dimensional Details

FRAME SIZE	MOTOR H.P.	A	B				C	D	E	F
71	0.5	71	60	82.6			150	50	182	11
80	0.75, 1	80	60	82.6			150	50	182	11
90S, 90L	1.5, 2	90	60	82.6			150	50	182	11
100L	3	100	60	82.6	101.6	127	190	60	228	11
112M	5	112	60	82.6	101.6	127	190	60	228	11
132S, 132M	7.5, 10	132	60	82.6	101.6	127	230	60	272	13
160M, 160L	12.5, 15, 20	160	60	82.6	101.6	127	270	80	322	13
180M, 180L	25, 30	180	60	82.6	101.6	127	270	80	322	13

Note: * Bell housing (L Bracket) kits with Bore key ways coupling & all mounting bolt also available

* As per your required pump mounting detail bell housing (L Bracket) also available.



BELL HOUSING ORDERING CODE

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Release 04/2015

Product Ordering code

BH		A		K		+ 180		+ 82.6		+ 110	
Bell Housing											
Casting		C									
Aluminium		A									
'L' Bracket		L									
Gear Coupling + Bolt Kits		K									
Ommit only Bell housing											
										Bell Housing Length	
										Ref. Jacktech Catalouge pg.1 to 5	
										Pump side Spigot Diameter	
										Ref. Under Details - Y	
										Ele. Motor side Spigot Diameter	
										Ref. Under Details - X	

Electrical Motor Spigot Diameter - X	
H.P.	Spigot Diameter
0.5 HP	110
0.75 & 1 HP	130
1.5 & 2 HP	130
3 & 5 HP	180
7.5 & 10 HP	230
12.5,15,20,25 & 30 HP	250
40 HP	300
50 & 60 HP	350
75, 80, 100 & 120 HP	450
PISTON PUMP	101.6
PISTON PUMP	113.8

Pump Spigot Diameter - Y	
Pump	Spigot Diameter
1R & 2R	60
11R & 12R	70
RV20SF & 1PF2G2...	80
0P,1P, SVPF 12/20 & 1T HA-16,22	82.6
SVPF- 30 / 40	95
Variable Piston PUMP HA 10VSO-28,45	100
2P, SVP2 & PVR-50 HA-37,45,56,64 & VT6BB/CC	101.6
Variable Piston PUMP HA 10VSO-71,100	125
3P, SVP3 & PVR- 150 HA-70,80	127
Variable Piston PUMP HA-90,100,120,145,160	152.4
GR- 25 to 40	155
Variable Piston PUMP HA 10VSO-140	180
GR- 45 to 70	220

Note: * As per your required pump mounting detail bell housing also available.

*



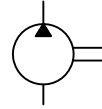
GEAR PUMP OP 3000 SERIES

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Release 04/2015

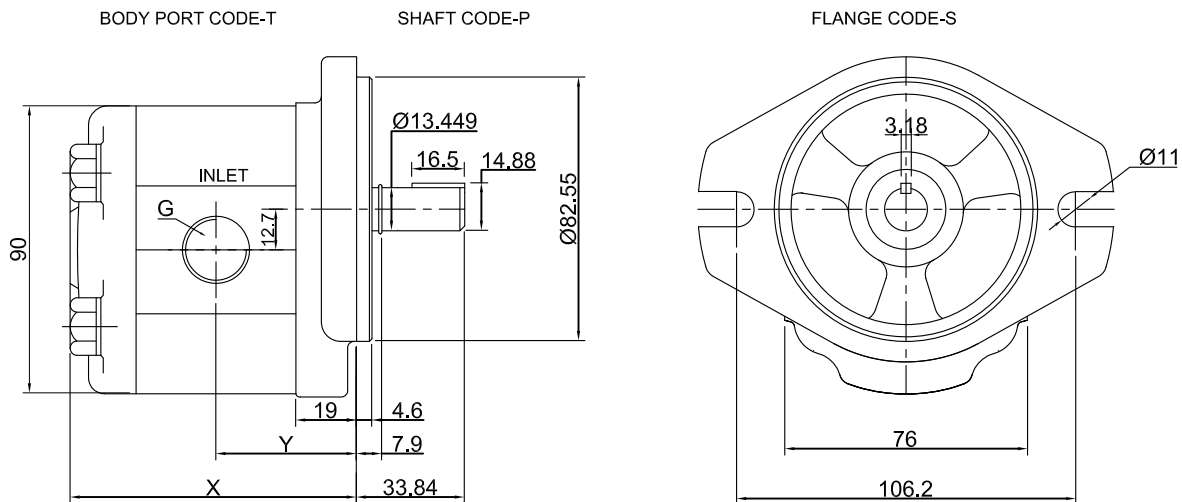
Description

High strength solid aluminum extruded body.
Hardened and ground integral gear shaft.
Special aluminum alloy bush bearing.
Axially balanced for high volumetric efficiency in excess of 94%.
8 teeth design with modified profile for low noise.
Viscosity range of fluid medium : 10-300 cSt.

Graphic Symbols



Dimensional Details



Specification

Pump Model No.	Theoretical displacement	Nominal Delivery At 1500 RPM	Maximum Pressure		Speed At Maximum Continuous Pressure		Dimension X	Dimension Y	Thread G IN & OUT
	Cm ³ /Rev.	LPM	Psi	Bar	Max.	Min.	-1.27	-0.25	BSP
3003	0.80	1.2	3000	207	4000	500	76.2	38.1	3/8"
3004	1.20	1.8	3000	207	4000	500	77.2	38.6	3/8"
3006	1.67	2.5	3000	207	4000	500	78.2	39.1	3/8"
3008	2.27	3.4	3000	207	4000	500	79.8	39.9	3/8"
3011	3.20	4.8	3000	207	4000	500	81.9	40.8	3/8"
3013	3.87	5.8	3000	207	4000	500	83.1	41.5	1/2"
3015	4.53	6.8	3000	207	4000	600	84.6	42.2	1/2"

Ordering Detail

Series	Pump Model No.	Pump Direction	Shaft Code	Flange Code	Body Port Code	Bottom Cover Code	Seal Code
OP	3003 3004 3006 3008	Clockwise - C	Parallel shaft with key - P	SAE 2 Bolt - S	Std. Thread - T	Standard - B	Nitrile - N Viton - V
	3011 3013 3015	Anti Clockwise - A	Tapper 1 : 8 - T				

EX.- 1P 3011 C P S T B N

SHUBHAM MACHINERY AND PIPE TRADERS
SHUBHAM COMPLEX, MAIN MADIA ROAD,
PALI, RAJASTHAN 306401

+91-9414205417
+91-7506188147
+91-9929850717

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Release 04/2015



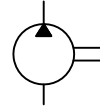
GEAR PUMP 2P 3000 SERIES

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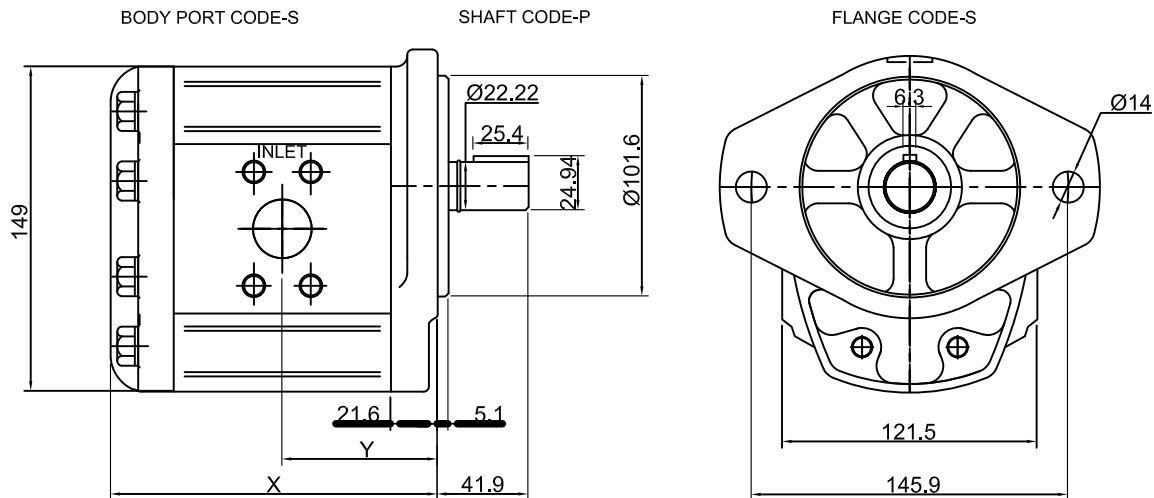
Description

High strength solid aluminum extruded body.
Hardened and ground integral gear shaft.
Special aluminum alloy bush bearing.
Axially balanced for high volumetric efficiency in excess of 94%.
8 teeth design with modified profile for low noise.
Viscosity range of fluid medium : 10-300 cSt.

Graphic Symbols



Dimensional Details



Specification

Pump Model No.	Theoretical displacement Cm ³ /Rev.	Nominal Delivery At 1500 RPM LPM	Maximum Pressure Psi Bar	Speed At Maximum Continuous Pressure Max. Min.	Dimension X	Dimension Y	Inlet Code-S	Outlet Code-S
					-1.27	-0.25	Std. Flange	Std. Flange
3050	15.13	22.7	3000 207	3000 550	113.0	54.3	1"	3/4"
3070	21.33	32.0	3000 207	3000 550	117.7	56.7	1"	3/4"
3090	27.33	41.0	3000 207	3000 650	122.6	59.1	1"	3/4"
3105	31.80	47.7	3000 207	3000 600	140.0	67.9	1"	3/4"
3120	36.33	54.5	3000 207	3000 650	143.8	69.7	1"	3/4"
3146	44.33	66.5	2525 174	2500 650	150.0	72.8	1"	3/4"
3158	47.87	71.8	2525 174	2500 650	153.0	74.3	1"	3/4"
3220	66.67	100	2000 138	2500 650	167.8	81.7	1 1/4"	1"

Ordering Detail

Series	Pump Model No.	Pump Direction	Shaft Code	Flange Code	Body Port Code	Bottom Cover Code	Seal Code
2P	3050 , 3070 3090 , 3105 3120 , 3146 3158 3220	Clockwise - C Anti Clockwise - A	Parallel shaft with key - P Tapper 1 : 8 - T SAE Spline - S	SAE 2 Bolt - S 4 Bolt - D	SAE Std.Profile - S	Standard - B	Nitrile - N Viton - V

EX.- 2P 3105 C P S T B N

SHUBHAM MACHINERY AND PIPE TRADERS
SHUBHAM COMPLEX, MAIN MADIA ROAD,
PALI, RAJASTHAN 306401

+91-9414205417
+91-7506188147
+91-9929850717



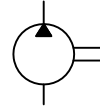
GEAR PUMP 3P 3000 SERIES

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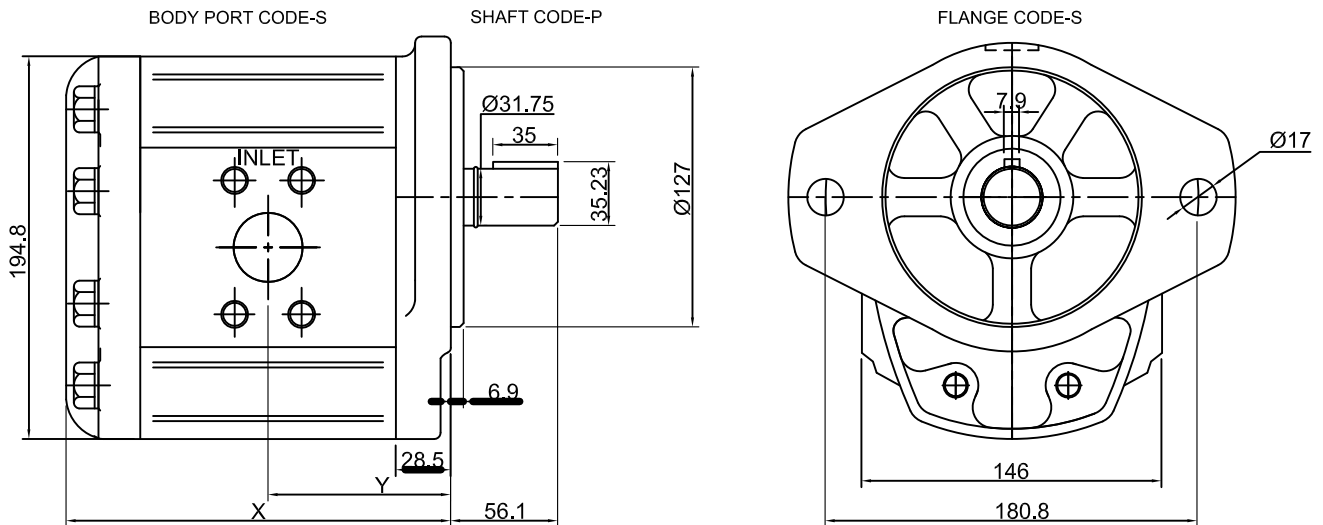
Description

High strength solid aluminum extruded body.
Hardened and ground integral gear shaft.
Special aluminum alloy bush bearing.
Axially balanced for high volumetric efficiency in excess of 94%.
8 teeth design with modified profile for low noise.
Viscosity range of fluid medium : 10-300 cSt.

Graphic Symbols



Dimensional Details



Specification

Pump Model No.	Theoretical displacement Cm ³ /Rev.	Nominal Delivery At 1500 RPM LPM	Maximum Pressure Psi Bar		Speed At Maximum Continuous Pressure Max. Min.		Dimension X	Dimension Y	Inlet Code-S Std. Flange	Outlet Code-S Std. Flange
3150	45.33	68.0	3000	207	2500	550	145.2	70.1	1 1/2"	1"
3180	54.33	81.5	3000	207	2500	600	150.0	72.5	1 1/2"	1"
3210	63.67	95.5	3000	207	2500	700	154.8	74.9	1 1/2"	1"
3250	75.67	113.5	3000	207	2500	700	161.2	78.1	1 1/2"	1"
3300	90.67	136	2525	174	2500	700	169.1	82.1	1 1/2"	1"
3330	100.00	150	2300	159	2500	700	174.3	84.6	1 1/2"	1 1/4"
3380	115.33	173	2000	138	2500	700	182.3	88.6	1 1/2"	1 1/4"
3440	135.20	200	2000	138	2500	700	192.8	93.9	2 1/2"	1 1/4"
3500	151.33	227	1500	100	2500	700	202.8	98.9	3"	1 1/2"

Ordering Detail

Series	Pump Model No.	Pump Direction	Shaft Code	Flange Code	Body Port Code	Bottom Cover Code	Seal Code
3P	3150 , 3180 3210 , 3250 3300 , 3330 3380 , 3440 3500	Clockwise - C Anti Clockwise - A	Parallel shaft with key - P Tapper 1 : 8 - T SAE Spline - S	SAE 2 Bolt - S 4 Bolt - D	SAE Std.Profile - S	Standard - B	Nitrile - N Viton - V

EX.- 3P 3300 C P S T B N

SHUBHAM MACHINERY AND PIPE TRADERS
SHUBHAM COMPLEX, MAIN MADIA ROAD,
PALI, RAJASTHAN 306401

+91-9414205417
+91-7506188147
+91-9929850717



CHECK VALVE

Screw in Cartridge

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Release 01/2018

Description

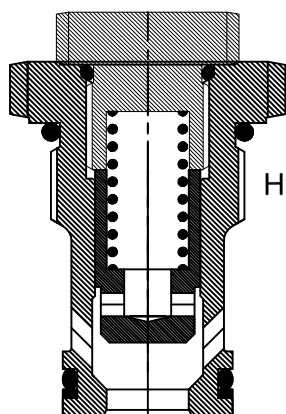
KSC check valves are two port screw-in cartridge valves that are designed to fit in a cavity conforming to ISO 7789 : 1998 (E).

These are seat type valves, available in three different sizes and with five different cracking pressures in each size.

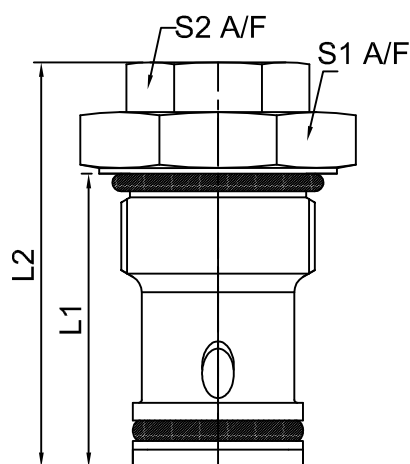
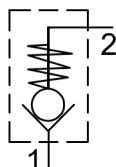
Check valve allow free flow in one direction while providing leak-free closure in reverse direction.

Section

Unit Dimensions



Hydraulics Symbol



SIZE	Thread	Torque
22-01-0-98	M22X1.5	150 Nm
33-01-0-98	M33X2	350 Nm
42-01-0-98	M42X2	500 Nm

SIZE	L1	L2	S1	S2
22-01-0-98	38	52.5	27	20
33-01-0-98	49.5	81.5	41	27
42-01-0-98	55	91.0	50	32

Technical Specification

Construction	Poppet Seat type.
Mounting style	Screw-in cavity
Mounting position	Optional
Flow direction	Free flow from 1 to 2.
Operating pressure	350 bar.
Hydraulics medium	Mineral oil.
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-20°C to +70°C
Fluid cleanliness requirement	As per ISO code 19/16 or better.
Nominal flow handling capacity ...	Refer table

SIZE	Flow capacity (LPM)				
Pre. drop bar	0.5	1	1.5	3	6
22-01-0-98	40	50	60	80	90
33-01-0-98	60	100	130	200	*
42-01-0-98	130	160	220	300	350

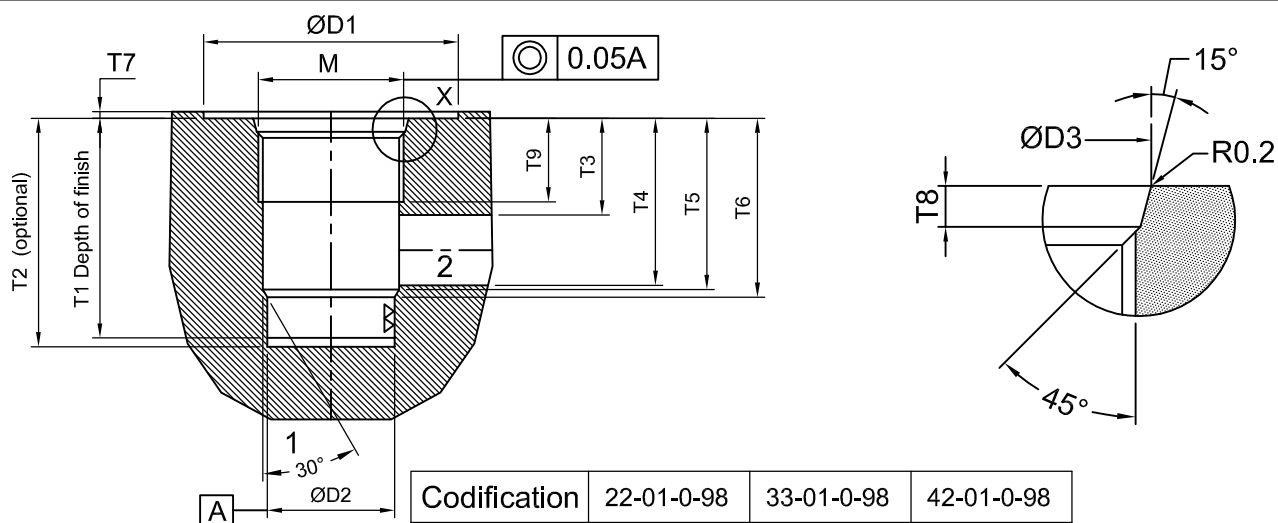


CHECK VALVE

Screw in Cartridge

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Release 01/2018

Cavity details



Codification	22-01-0-98	33-01-0-98	42-01-0-98
M	M22X1.5	M33X2	M23X2
D1 Min	42.0	58.0	74.0
D2 H8	19.0	29.0	38.0
D3 +0.1	23.8	35.4	44.4
T1 Min	38.5	50.0	56.0
T2 +1	40.0	52.0	58.0
T3 Min	17.0	22.0	23.0
T4 Max	27.5	38.5	43.5
T5 +0.4 ref.	28.0	39.0	44.0
T6 +0.4	29.3	40.7	45.7
T7 Max.	2.0	2.5	2.5
T8 +0.4	2.4	3.1	3.1
T9 Min	15.5	19.0	19.5

Ordering code

KS	C	10	A	X	V	1.X
----	---	----	---	---	---	-----

Screw in cartridge

Check valve - C

Valve Size
22-01-0-98 --- 10
33-01-0-98 --- 16
42-01-0-98 --- 20

Spring cracking
0.5 bar A 3.0 bar D
1.0 bar B 5.0 bar E
1.5 bar C No spring X

Design Series
Subject to revision
1.0 to 1.9
Externally interchangeable

Seal
V Viton
N NBR

X - Non Adjustable



CHECK VALVE (C)

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Release 04/2015

Description

Seat type valves.

Allow free flow from Port A to B and offer leakage free closure in opposite direction.

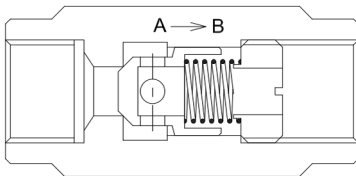
Two standard mounting styles:

- 1] In line mounting C * T
- 2] Subplate mounting C * S

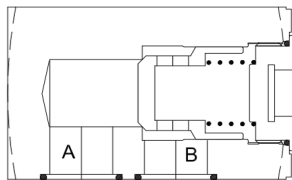


Section

Line mounting valves



Subplate mounting valves



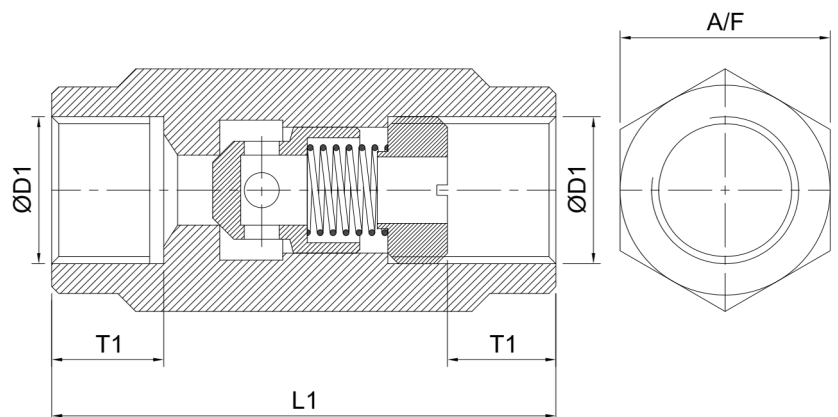
Hydraulics Symbol



Unit Dimensions

Line mounting valves

NG	FLOW (LPM)	D1	D2	T1	L1	A/F
06	10	G 1/4"	18.5	12	58	19
08	20	G 3/8"	23	12	58	24
10	30	G 1/2"	29.5	14	72	30
16	80	G 3/4"	35.5	16	85	36
20	120	G 1"	45.5	18	98	46
25	220	G 1-1/4"	59.5	20	120	60
30	280	G 1-1/2"	64.5	22	132	65

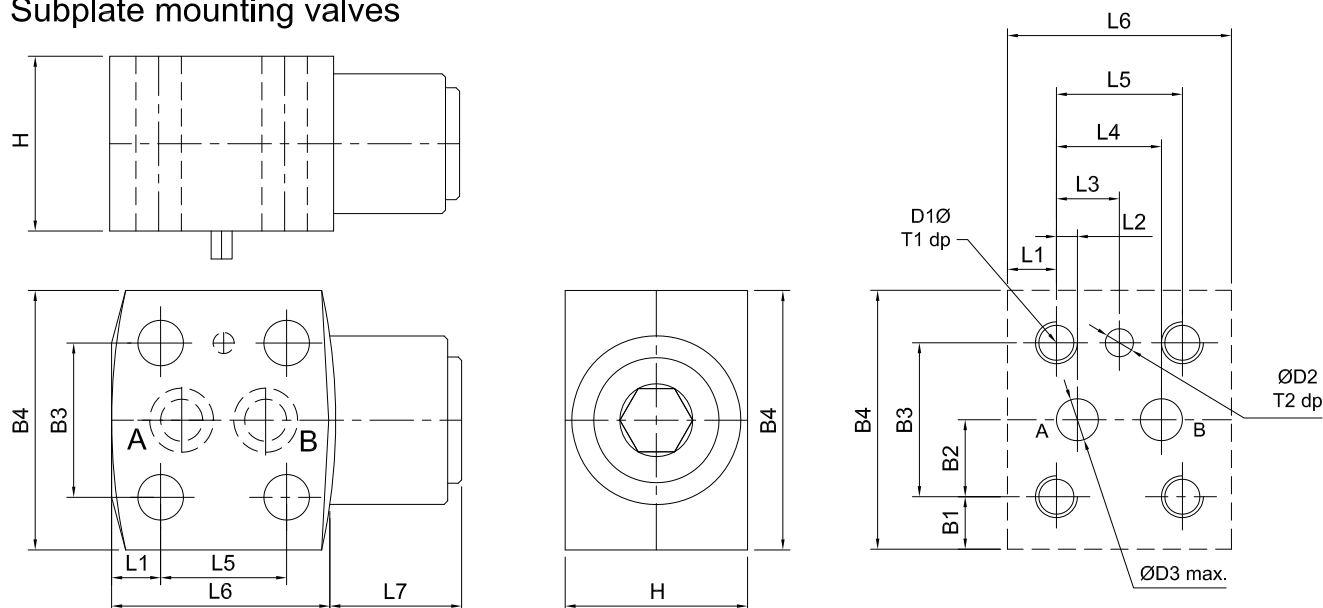




CHECK VALVE (C)

Page - 2/2
Release 04/2015

Subplate mounting valves



SIZE NG	FLOW (LPM)	L1	L2	L3	L4	L5	L6	L7	H	B1	B2	B3	B4	D1	D2	D3	T1	T2
06	10	7	3	9	15	18	32	19	26	7.5	11	22	37	M6	4	6	12	5
10	30	9	6	16.5	27	33	51	23	38	9.5	18	36	55	M8	4	11	14	5
20	120	10	10	27.5	45	55	75	27	55	10	25	50	70	M10	7	22	19	8
30	280	15	20	42.5	65	85	123	34	82	15	37.5	75	105	M12	7	31	22	8

Technical Specification

Construction Seat type.
 Mounting In line or subplate mounting.
 Interface Factory standard.
 Flow direction Free flow from A to B.
 Operating pressure 315 bar.
 Hydraulics medium Mineral oil.
 Viscosity range 10 cSt to 380 cSt.
 Fluid temperature range -20°C to +70°C
 Fluid cleanliness requirement As per ISO code 16/13 or better.
 Cracking pressure available 0.5, 1.5, 3, 5 or 7 bar.

Mass in kg. (Inline mounting)

Size	06	08	10	15	20	25	30
Mass kg.	0.1	0.16	0.31	0.46	0.95	1.88	2.3

Mass in kg. (Subplate mounting) .

Size	06	10	20	30
Mass kg.	0.27	1	2.8	8.15

Order code

C	06*	S / T	1*	03
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PILOT OPERATED CHECK VALVE PCI

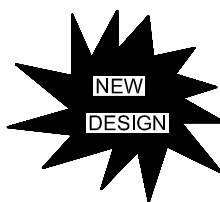
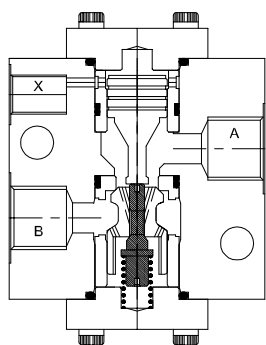
Page - 1/3
Release 04/2017

Description

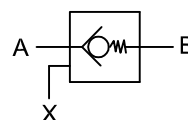
Seat type valves, internal drain construction.
Three sizes in threaded port body.
Three size in subplate mounting construction.
Subplate mounting interface conforms to ISO 5781 (draft)



Section



Hydraulics Symbol



Unit Dimensions

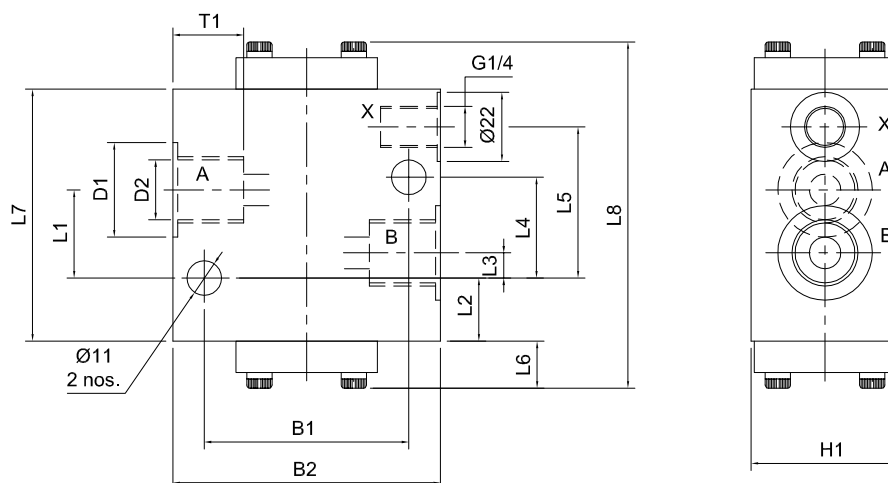


Table-1

	SIZE	Mass Kgs.	B1	B2	ØD1	ØD2	H1	L1	L2	L3	L4	L5	L6	L7	L8	T1
New Design	10	2.4	66.5	85	30	G 1/2"	50	27.5	18.5	10.5	33.5	49	18	80	116	14
New Design	20	4.0	79.5	105	44	G 1"	70	41.2	22.3	9.7	50.5	66.7	20	100	140	18
	30	8.4	97	120	60	G1 1/2"	75	54.5	15.5	20.5	73.5	89.5	29	115	173	22



PILOT OPERATED CHECK VALVE PCI

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Release 04/2017

Subplate mounting valves

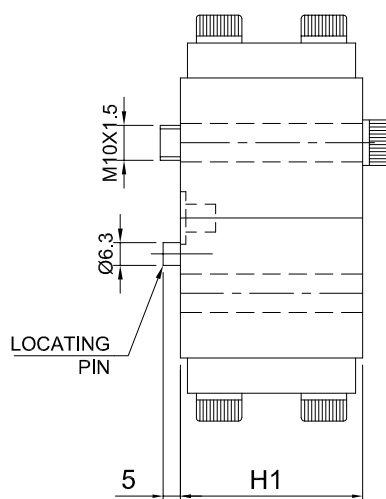
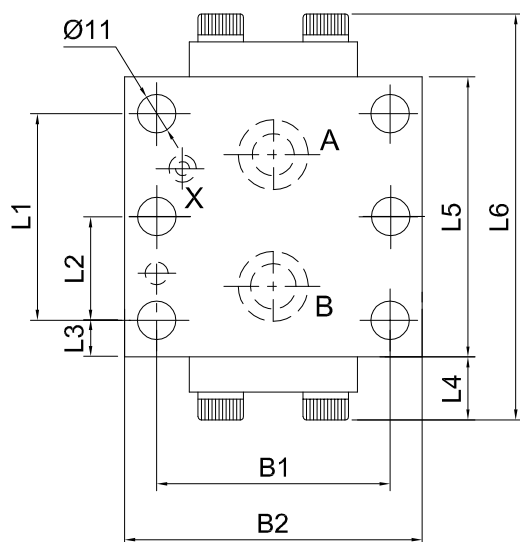


Table-2

	SIZE	Mass Kgs.	B1	B2	H1	L1	L2	L3	L4	L5	L6
New Design	10	2.5	66.7	85	50	42.9	--	18.5	18	80	116
New Design	20	4.5	79.4	100	70	60.3	--	20.1	20	100	140
	30	8.5	96.8	120	75	84.1	42.1	15.5	29	115	173



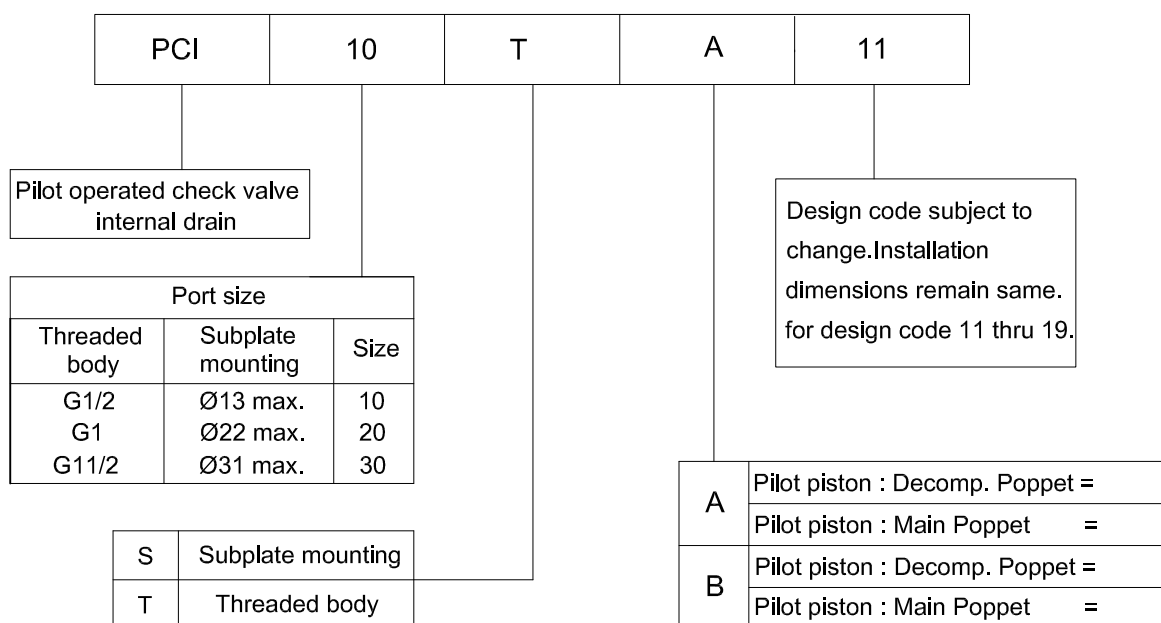
PILOT OPERATED CHECK VALVE PCI

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Release 04/2017

Technical specification

Construction	Seat type valves, with decompression poppet.								
Mounting	Threaded port or subplate mounting.								
Mounting position	Optional.								
Direction of flow	Free flow from A to B Piloted open from B to A								
Operating pressure	315 bar for Port A, B and X.								
Cracking pressure	As per area ratio.								
Area ratios	(A)	Pilot piston : Decomp. Poppet =	<table><tr><td>10</td><td>20</td></tr><tr><td>16 : 1</td><td>28 : 1</td></tr><tr><td>2 : 1</td><td>2 : 1</td></tr></table>	10	20	16 : 1	28 : 1	2 : 1	2 : 1
10	20								
16 : 1	28 : 1								
2 : 1	2 : 1								
Area ratios	(B)	Pilot piston : Decomp. Poppet =	<table><tr><td>10 : 1</td><td>16 : 1</td></tr><tr><td>1.3 : 1</td><td>1.2 : 1</td></tr></table>	10 : 1	16 : 1	1.3 : 1	1.2 : 1		
10 : 1	16 : 1								
1.3 : 1	1.2 : 1								
Viscosity range	10 cSt to 380 cSt.								
Fluid temperature range	-10°C to +80°C								
Max. flow handling capacity	Size	l / min							
	10	80							
	20	160							
	30	350							
Mass	Refer Table 1.								

Ordering code





CHECK VALVE MODULAR CONSTRUCTION CM 06

Page - 1/2
Release 04/2015

Description

Seat type valve in modular construction for vertical stacking assemblies.

Hardened metallic seat for leak-free closure.

Interface conforming to

ISO 4401 - AB - 03 - 04 - A

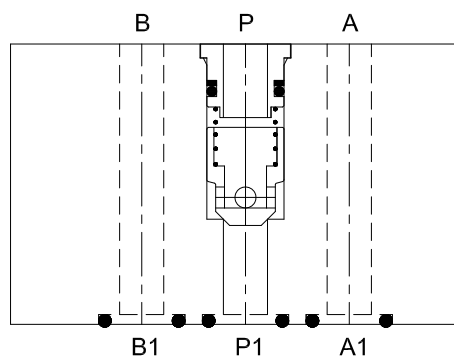
IS 10187

DIN 24340

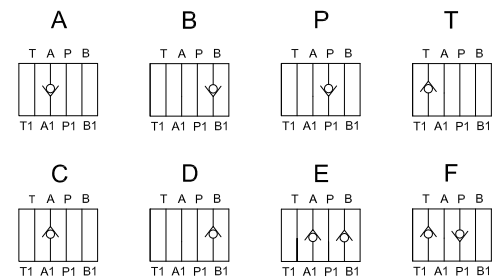
Eight models available.



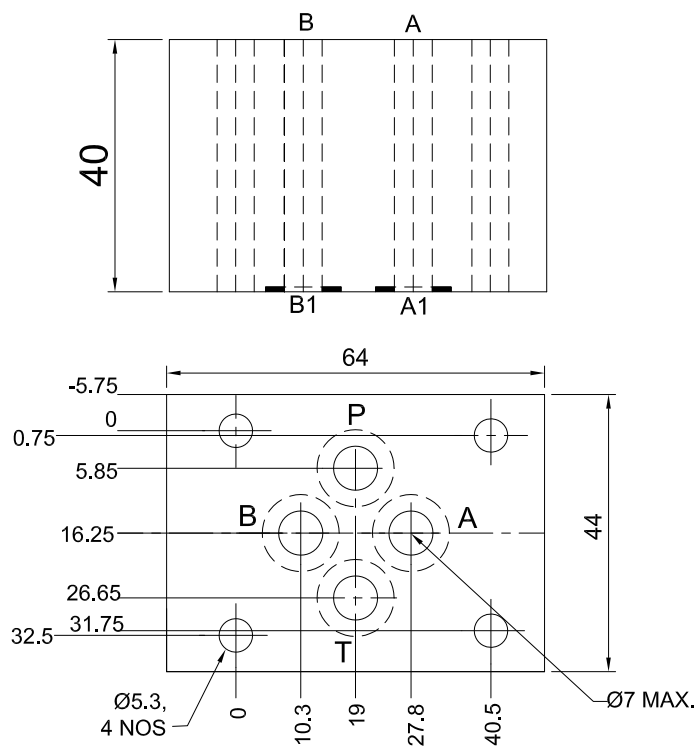
Section



Hydraulics Symbol



Unit Dimensions





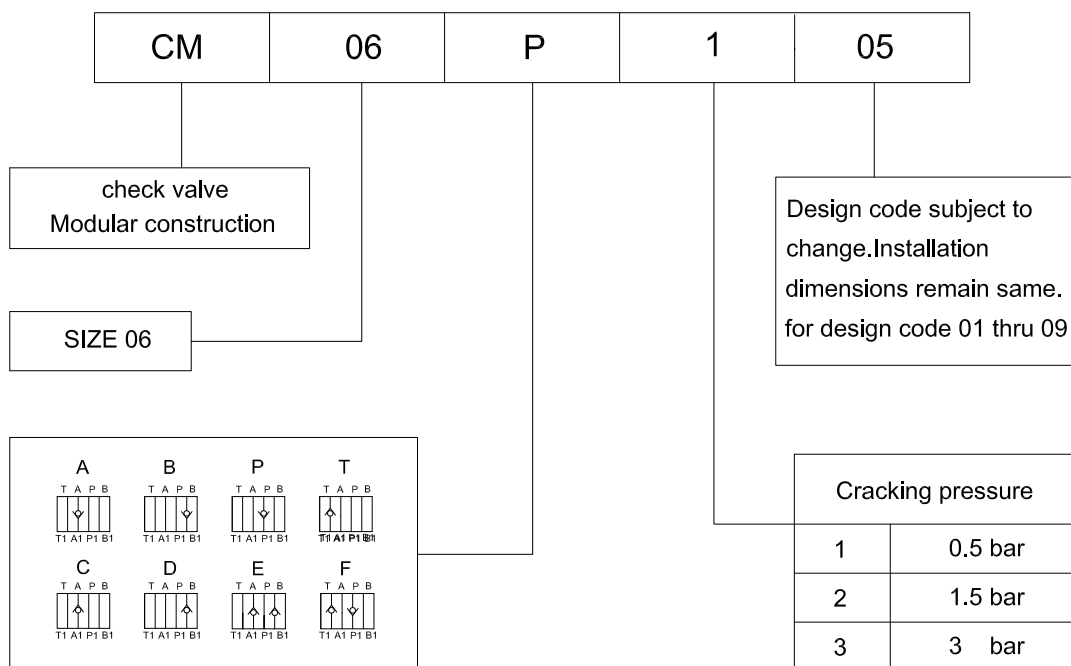
CHECK VALVE MODULAR CONSTRUCTION CM 06

Page - 2/2
Release 04/2015

Technical specification

Construction	Modular, seat type.
Mounting	Modular type , conforming to - IS 10187 ISO 4401-AB-03-04-A DIN 24340
Mounting position	Optional
Direction of flow	As indicated by the hydraulic symbols.
Operating pressure	315 Bar for all ports
Cracking pressure	0.5, 1.5, 3 bar
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-10°C to +80°C
Nominal flow handling capacity	20 L/min
Mass	0.8 kg

Ordering code





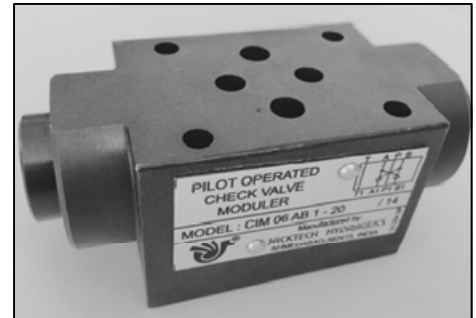
PILOT OPERATED CHECK VALVE MODULAR CONSTRUCTION CIM 06

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Release 04/2015

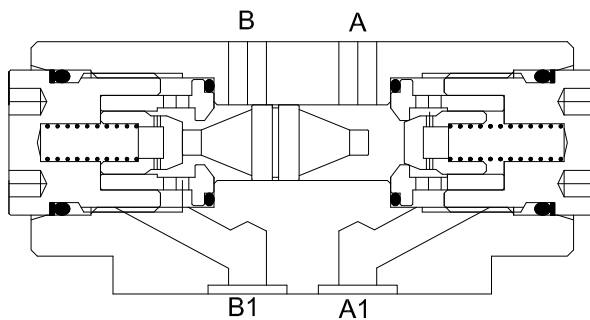
Description

These modular valves are available with the pilot operated check valve facility on either A or B or both A & B ports. The hydraulics opening operation for free flow in reverse direction is achieved by means of internal pilot pressure available from the other working port.

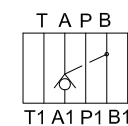
To ensure proper closure of both valve poppets, both user connections should be unloaded when the control valve is in the neutral position by connecting with the return line.



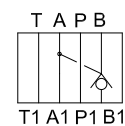
Section



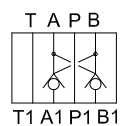
Hydraulics Symbol



CIM 06 A

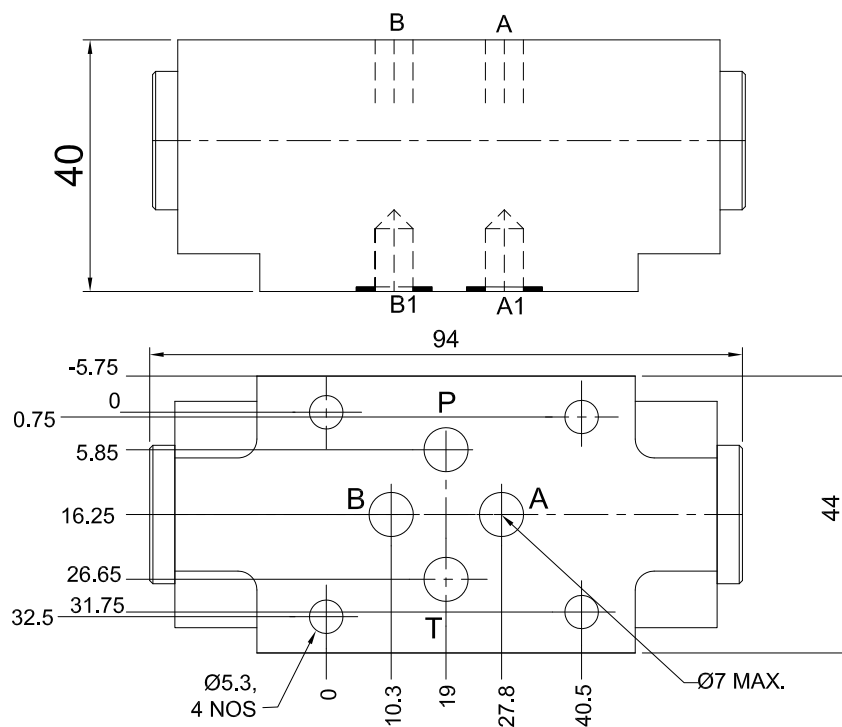


CIM 06 B



CIM 06 AB

Unit Dimensions





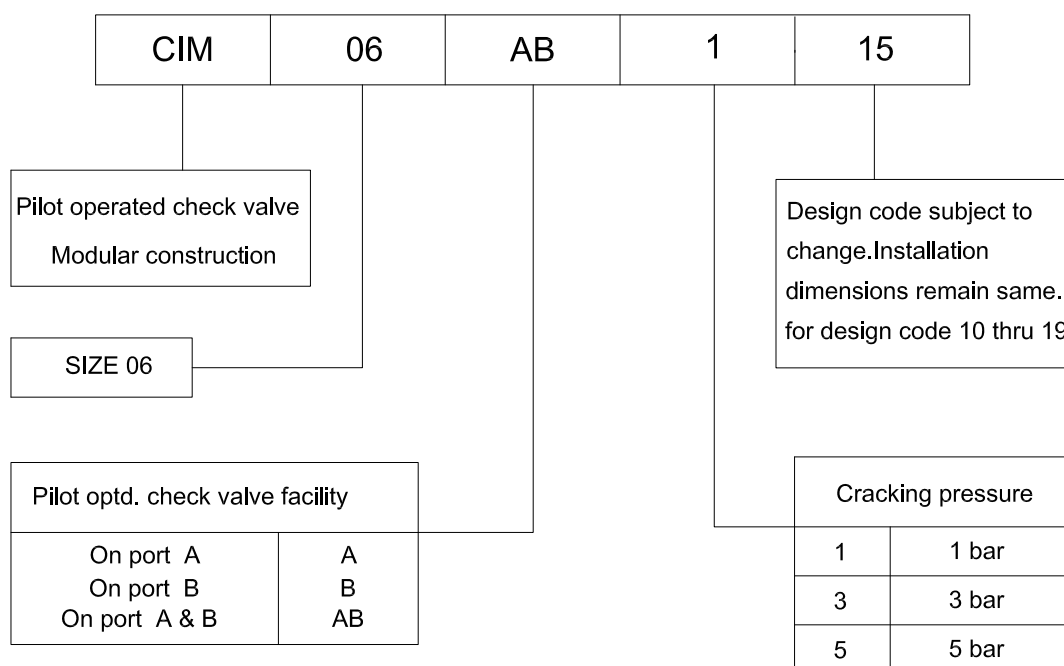
PILOT OPERATED CHECK VALVE MODULAR CONSTRUCTION CIM 06

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Release 04/2015

Technical specification

Construction	Modular, seat type, internally pilot operated
Mounting	Modular type , conforming to IS 10187 ISO 4401-AB-03-04-A DIN 24340
Mounting position	Optional
Direction of flow	Free flow from A to A1 and/or from B to B1 Piloted open flow in opposite direction.
Operating pressure	315 Bar for all ports
Cracking pressure	1 , 3 & 5 bar
Area ratio-pilot piston:poppet seat	2.6 : 1
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-10°C to +80°C
Nominal flow handling capacity	35 L/min
Mass	0.86 kg

Ordering code





PILOT OPERATED CHECK VALVE MODULAR CONSTRUCTION CIM 10

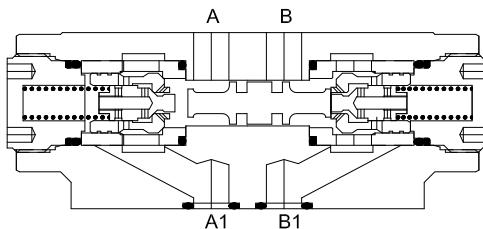
Page - 1/2
Release 04/2015

Description

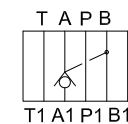
These modular valves are available with the pilot operated check valve facility on either A or B or both A & B ports. The hydraulics opening operation for free flow in reverse direction is achieved by means of internal pilot pressure available from the other working port. To ensure proper closure of both valve poppets, both user connections should be unloaded when the control valve is in the neutral position by connecting with the return line.



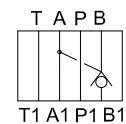
Section



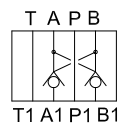
Hydraulics Symbol



CIM 06 A

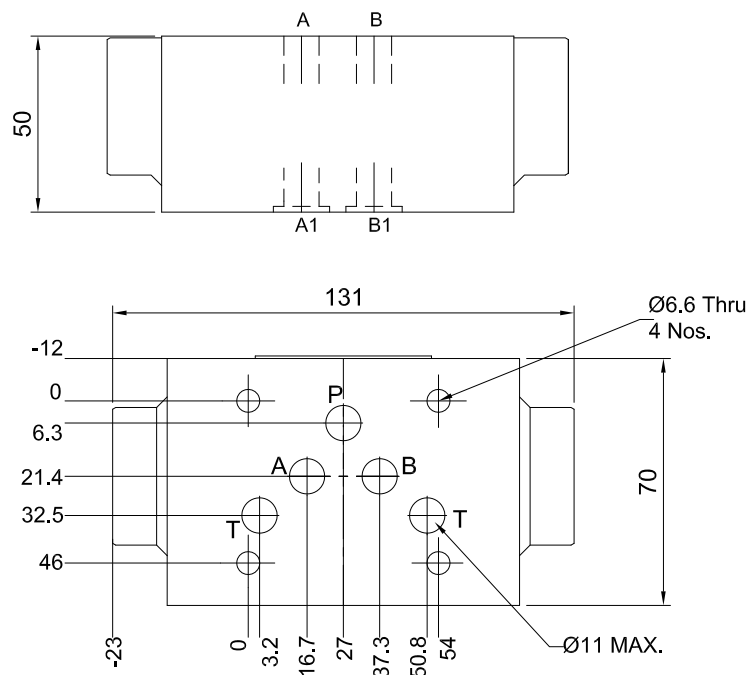


CIM 06 B



CIM 06 AB

Unit Dimensions





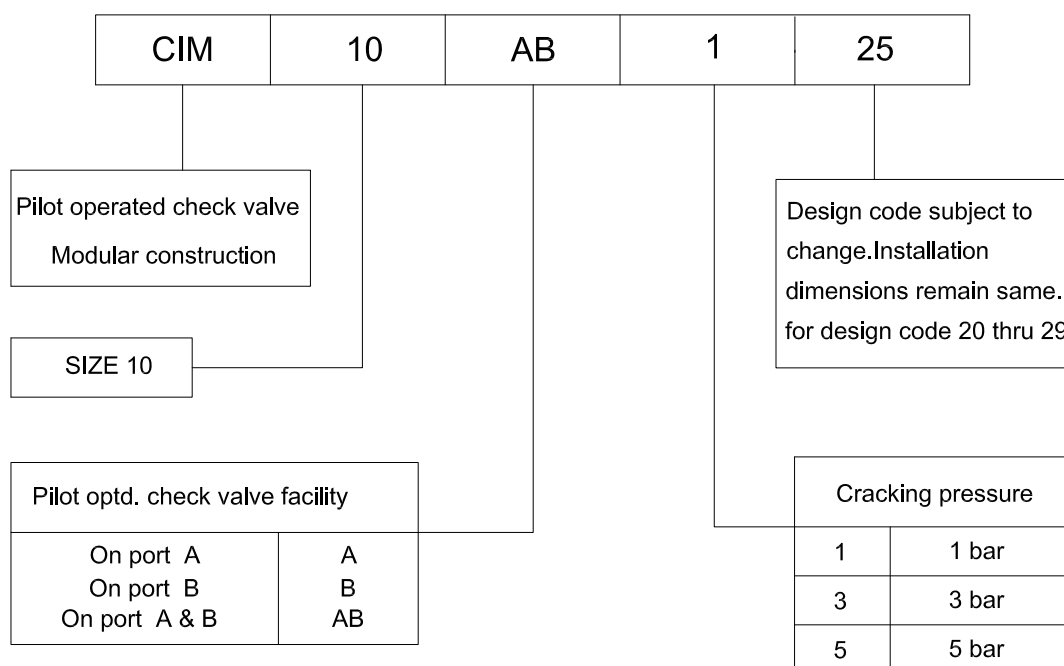
PILOT OPERATED CHECK VALVE MODULAR CONSTRUCTION CIM 10

Page - 2/2
Release 04/2015

Technical specification

Construction	Modular, seat type, internally pilot operated
Mounting	Modular type , conforming to IS 10187 ISO 4401-AB-03-04-A DIN 24340
Mounting position	Optional
Direction of flow	Free flow from A to A1 and/or from B to B1 Piloted open flow in opposite direction.
Operating pressure	315 Bar for all ports
Cracking pressure	1 , 3 & 5 bar
Area ratio-pilot piston:poppet seat	4 : 1
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-10°C to +80°C
Nominal flow handling capacity	80 L/min
Mass	2.05 kg

Ordering code





2 WAY CARTRIDGE VALVE CV 16

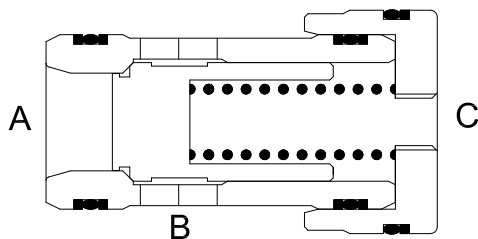
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Description

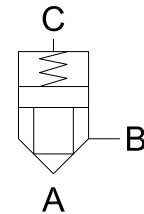
These cartridge valves are used to control oil pressure flow or direction and are designed for insertion into cavities machined as per DIN 24342 ISO 7368. These cartridges are available in two area ratios, four cracking pressures and six poppet styles. The covers are available for different functions like directional control, pressure control, unloading, flow control etc.



Section

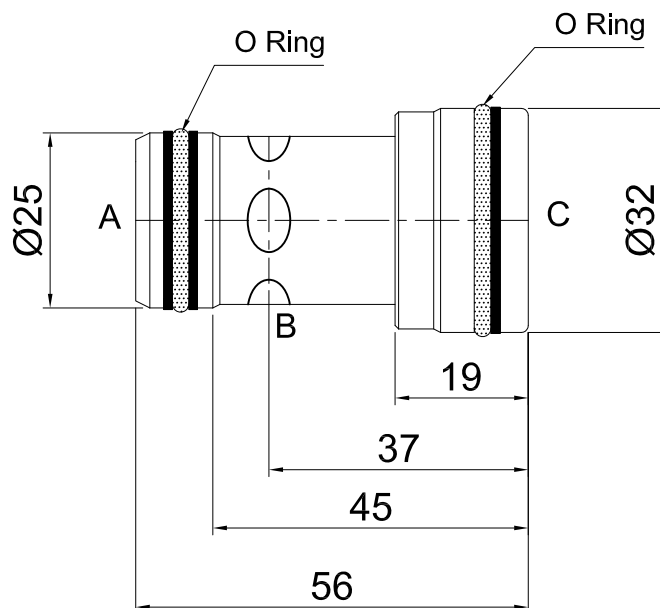


Hydraulics Symbol



Standard
Area ratio 1 : 1.5

Unit Dimensions

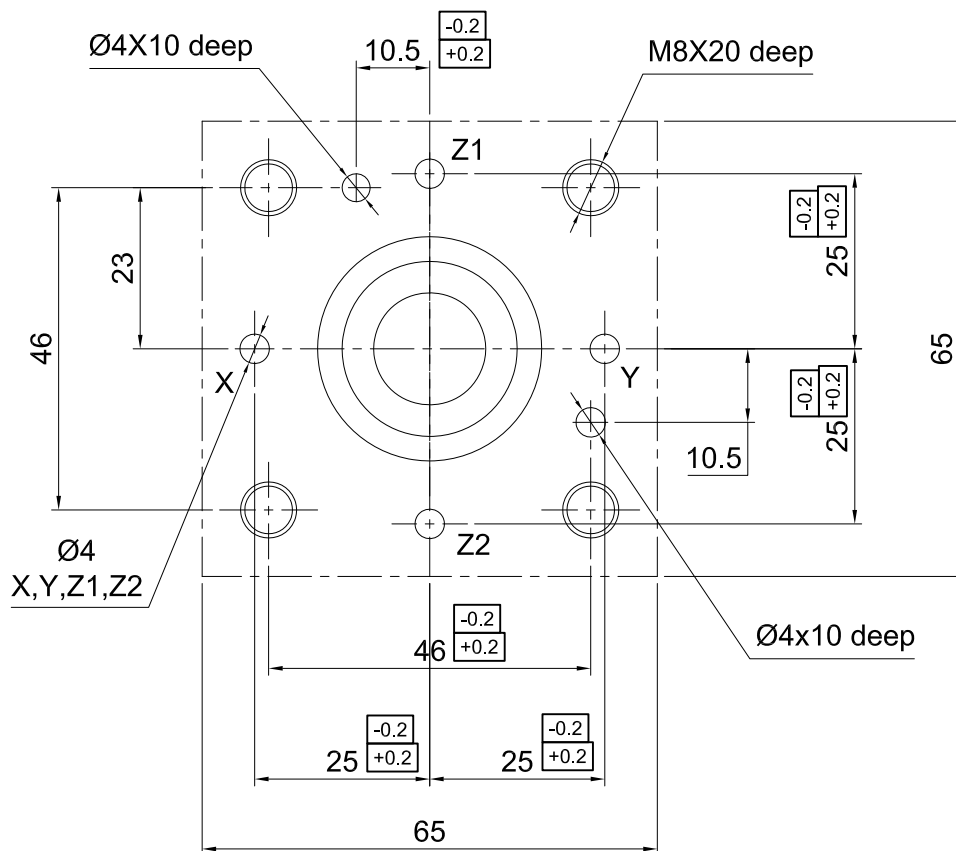
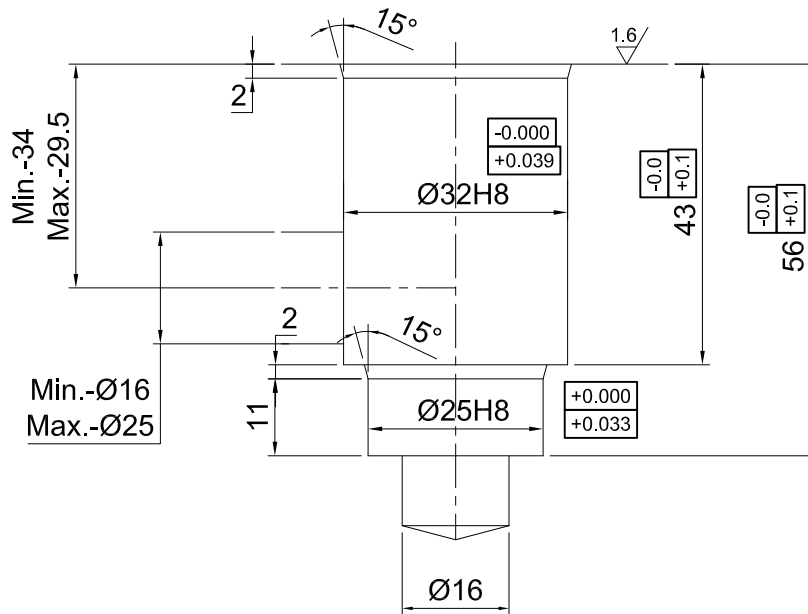




2 WAY CARTRIDGE VALVE CAVITY MACHINING DETAILS CV 16

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Release 04/2015

Cavity machining details of CV 16





BALL VALVE 2 WAYS

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Release 04/2015

Description & Features

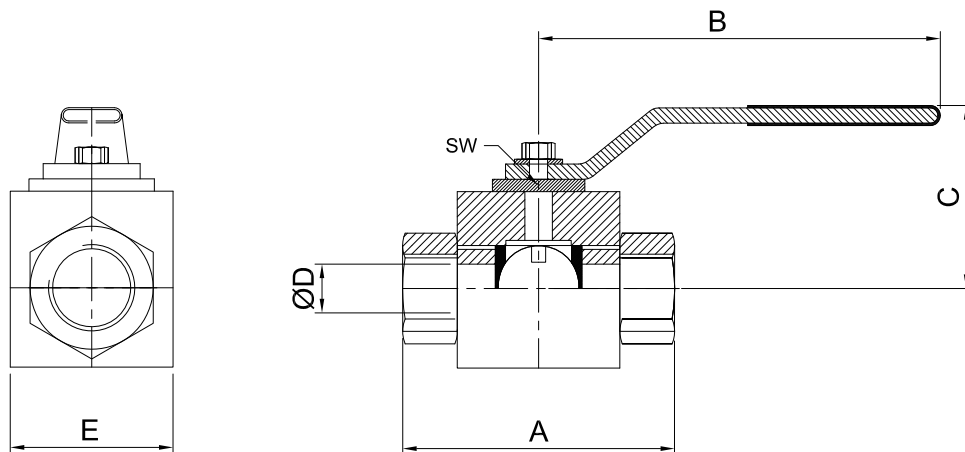
The JACKTECH family of dependable high pressure ball valves provides full, unrestricted flow and positive shut-off of fluids and gases under extreme service conditions.

Model are available to accommodate system pressure up to 7000 PSI.

- * Full passage for unrestricted flow of medium.
- * Floating ball provides positive seal
- * Direction of flow indicated by milled slot in control spindle.
- * Valve positioning controlled by a stop pin and limit washer.
- * Phosphate coated valve body standard.
- * Individually tested for leakage free performance.
- * 1/4" to 2" Full port design.
- * Carbon steel Block housing.
- * Zero leakage shutt-off
- * Temperature range -10°C to +80°C standard range.



Unit Dimensions



SIZE	DN	BAR	A	B	C	D	E	SW
1/4"	6	500	66	120	44	6.4	30	9.6
3/8"	10	500	71	120	48	9.5	32	9.6
1/2"	15	400	84	140	55	12	35	9.6
3/4"	20	300	95	192	75	19	50	13
1"	25	280	110	192	80	25	56	13
1 1/4"	32	250	118	195	90	32	70	13
1 1/2"	40	220	130	220	110	38	80	16
2"	50	200	140	270	120	50	98	16



BALL VALVE 3 WAYS

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Description & Features

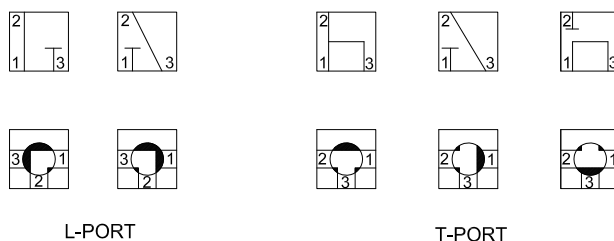
The JACKTECH family of dependable high pressure ball valves provides full, unrestricted flow and positive shut-off of fluids and gases under extreme service conditions.

Model are available to accommodate system pressure up to 7000 PSI.

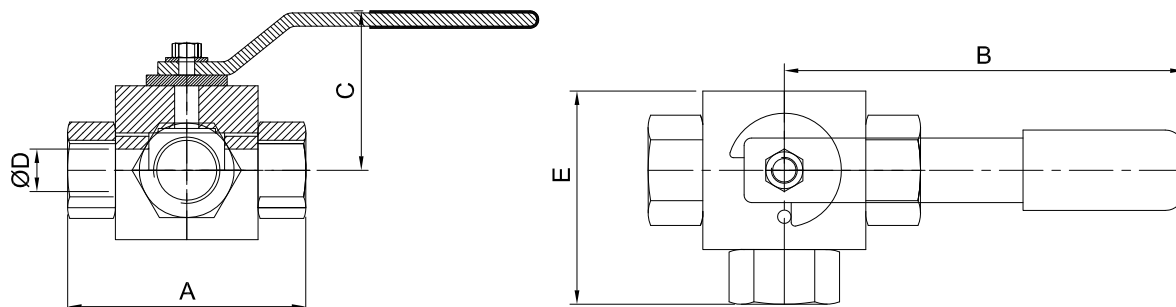
- * Full passage for unrestricted flow of medium.
- * Floating ball provides positive seal
- * Direction of flow indicated by milled slot in control spindle.
- * Valve positioning controlled by a stop pin and limit washer.
- * Phosphate coated valve body standard.
- * Individually tested for leakage free performance.



Port position



Unit Dimensions



SIZE	DN	BAR	A	B	C	D	E
1/4"	6	500	59	120	45	6.4	45.5
3/8"	10	500	75	145	60	9.5	59
1/2"	15	400	79	145	62	12	62
3/4"	20	300	102	195	76	19	81
1"	25	280	112	195	85	25	92
1 1/4"	32	250	130	220	110	32	110
1 1/2"	40	220	144	220	120	38	120



DIRECT ACTING PRESSURE RELIEF VALVE DPR

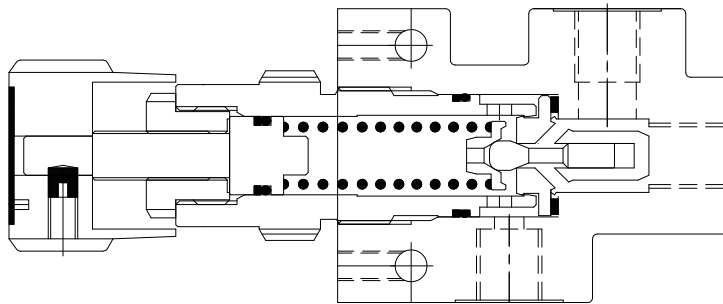
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Description

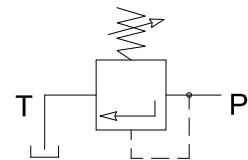
Direct acting valves.
Guided poppet design.
Cushion arrangement for greater stability and noise control.
Three sizes. - 06, 10, and 20.
Threaded cartridge.
Threaded port body
Subplate mounting body.
Six pressure ranges - Up to 25, 50, 100, 200, 315 & 400.
Pressure adjustment - With hand knob.



Section

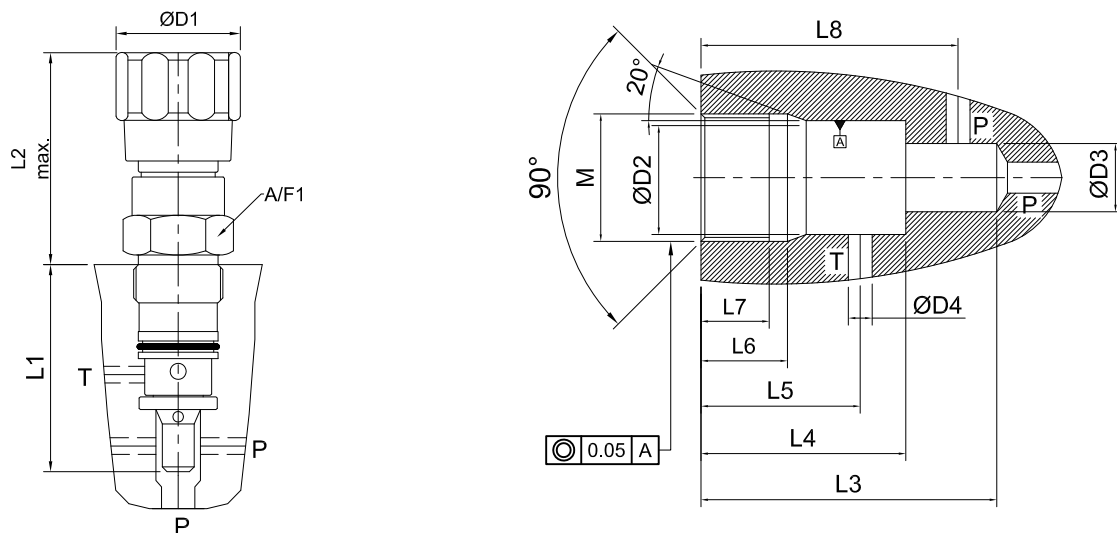


Hydraulics Symbol



Unit Dimensions

Threaded cartridge and cavity details





DIRECT ACTING PRESSURE RELIEF VALVE DPR

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Release 04/2015

Threaded port body

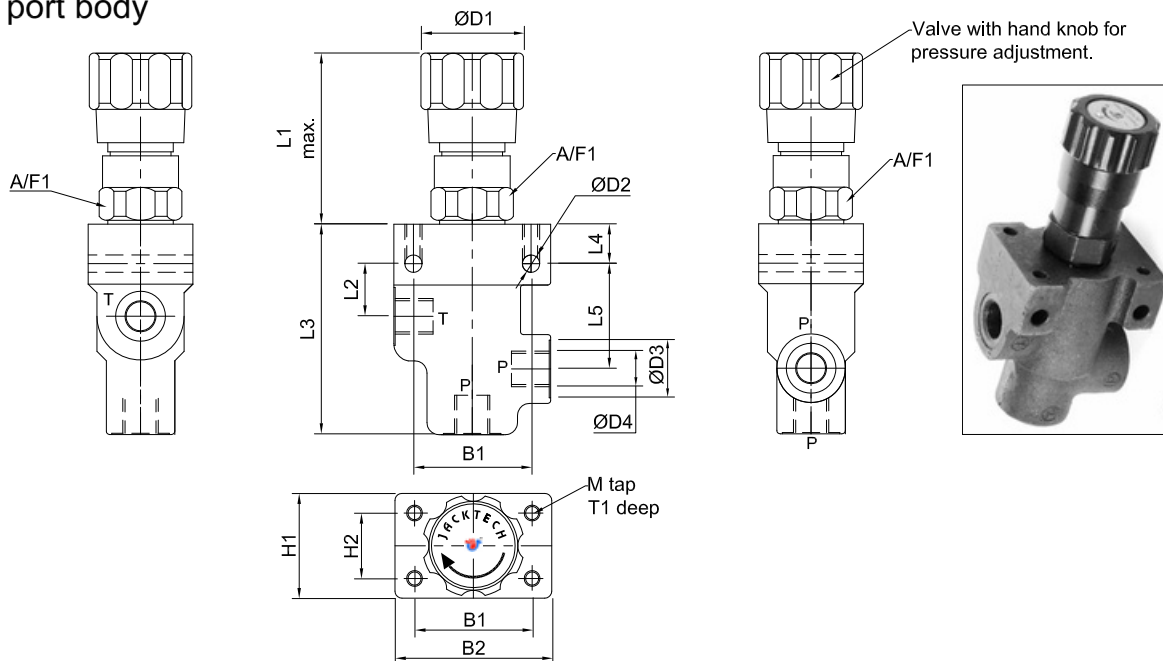


Table No.-2

SIZE	Mass Kgs.	B1	B2	ØD1	ØD2	ØD3	ØD4	M	A/F1	L1	L2	L3	L4	L5	H1	H2	T1
06	1.2	45	60	43	6.6	22	G1/4	M6	30	64	20	80	15	40	40	25	11
10	2.8	60	80	48	9	30	G1/2	M8	36	82	22	100	20	49	60	40	15
20	6.2	70	100	60	9	44	G1	M8	46	85	34	135	20	65	70	50	15

Subplate mounting body

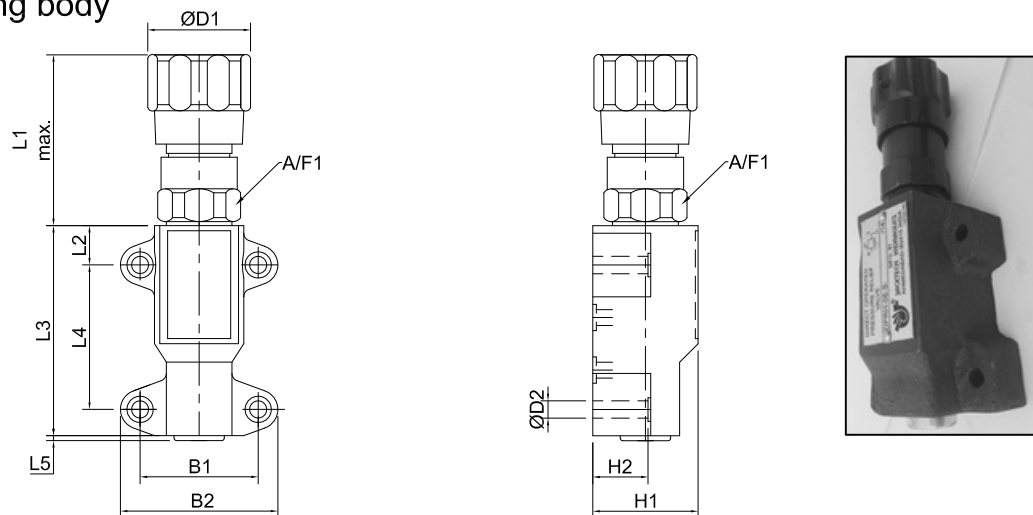


Table No.-3

SIZE	Mass Kgs.	B1	B2	ØD1	ØD2	A/F1	L1	L2	L3	L4	L5	H1	H2
06	1.1	45	60	43	6.6	30	64	15	80	55	4	40	21
10	2.4	60	80	48	9	36	82	20	100	70	5	55	28
20	8	70	100	60	9	46	85	20	135	100	5	70	70



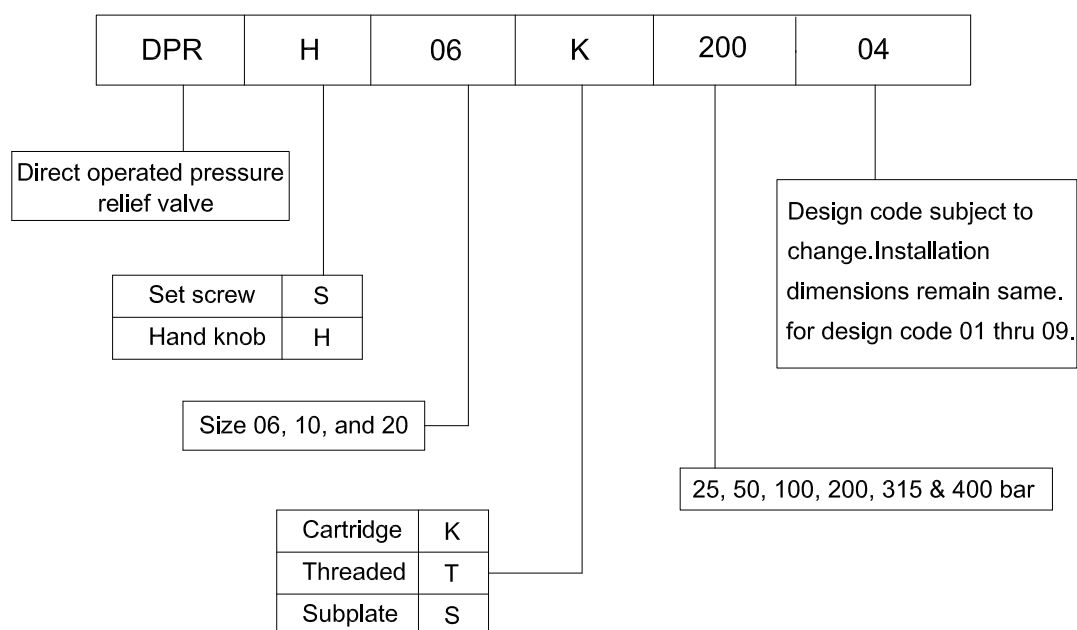
DIRECT ACTING PRESSURE RELIEF VALVE DPR

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Release 04/2015

Technical specification

Construction	Direct acting, poppet type.	
Mounting style	Threaded cartridge, Threaded port body or subplate mounting body.	
Mounting position	Optional.	
Flow direction	From P to T	
Operating pressure for port P	400 bar (Standard model)	
for port T	315 bar.	
Pressure setting ranges	Up to 25, 50, 100, 200, 315 and 400 bar	
Hydraulics medium	Mineral Oil	
Viscosity range	10 cSt to 380 cSt.	
Fluid temperature range	-20°C to +70°C	
Mass	Refer Table.	
Max. flow handling capacity	Size	l / min
	06	30
	10	80
	20	160

Ordering code





DIRECT ACTING PRESSURE REDUCING VALVE MRP

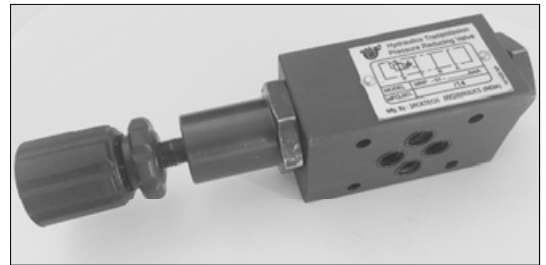
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Description

Direct acting, spool type pressure reducing valve with control of pressure from either secondary circuit (MODEL MRP 01 / MRA 01 / MRB 01).

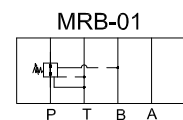
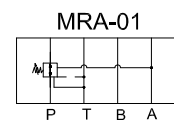
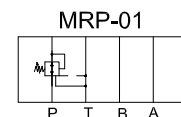
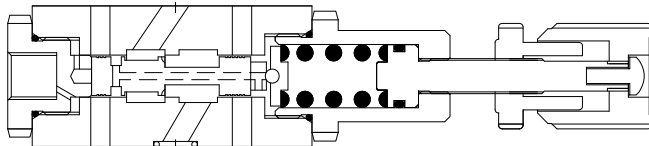
Four pressure rating 25, 50, 100, 200 bar with primary pressure rating to 315 bar.

To make pressure adjustment loosen the lock nut & turn the pressure adjustment screw clockwise or anticlockwise. For an increase of pressure, turn the screw clockwise. be sure to re-tighten the lock nut firmly after making adjustment to the pressure.

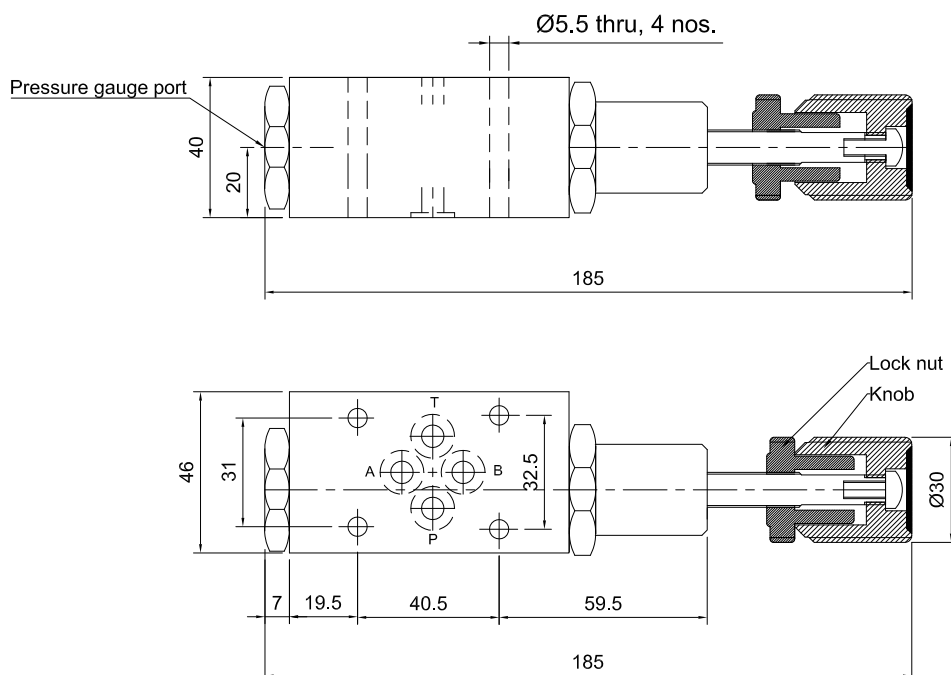


Section

Hydraulics Symbols



Unit Dimensions





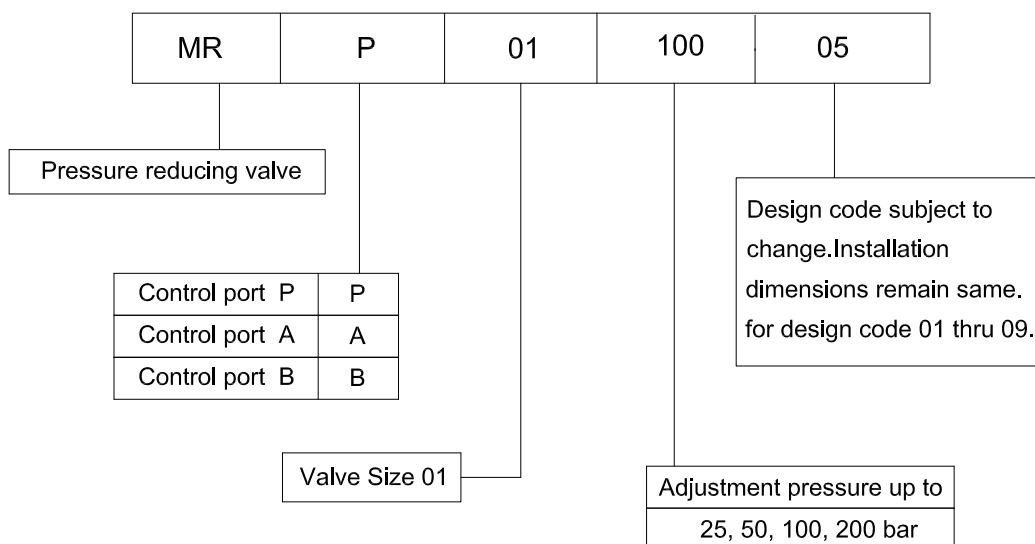
DIRECT ACTING PRESSURE REDUCING VALVE MRP

Page - 2/2
Release 04/2015

Technical specification

Construction	Direct acting, spool type.
Mounting style	Modular type
Mounting position	Optional.
Operating pressure for port P	315 bar.
for port A & B	200 bar.
for port T	60 bar max.
Pressure setting ranges	25, 50, 100, 200 bar.
Hydraulics medium	Mineral Oil
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-20°C to +70°C
Mass	1.65 kg.
Max. flow handling capacity	30 litre/min.

Ordering code





FLOW CONTROL VALVE DV / DRV

Page - 1/4
Release 04/2015

Description

Jacktech flow control and flow control & check valves DV/DRV are in accordance with DIN-ISO 1219, valves which are designed to control the flow rate in oil hydraulics systems by means of an adjustable constriction of the cross-section.

The flow rate is dependent on pressure differential and viscosity. Jacktech flow control valves DV have a specially designed throttle mechanism to enable fine adjustment and shutt-off of the flow. The flow control and shutt-off function works in both directions.

Jacktech flow control & check valves DRV allow the same fine flow adjustment. The flow control and shutt-off function, however works in one direction only. Unrestricted flow in the reverse direction is via the built in check valve.

This valves are space saving inline mounting due to compact construction. A high level of safety is achieved through spindle safety mechanism. A set screw locks the setting. Choice of five sizes ensures best possible adaptability to the systems.

Fuction of DV

Jacktech flow control valves consist essentially of a valve body a special control spindle and the control knob. Starting with the control spindle in the fully closed position when the flow is shutt off, the flow rate increases according to the relevant graph as the number of turns of the control knob is increased.

The control knob with its coloured scale and scale rings permits accurate repetition of the settings. The size of the coloured triangle on the rings indicate the size of the flow area. An increase in the size of the coloured triangle corresponds to an increase in flow area.

A set-screw locks the setting.

The flow is controlled in both direction



Function of DRV

Jacktech flow control & check valves consist essentially of a valve body with built-in valve seat, a hardened and polished closing cone, a spring the control spindle and the control knob. The closing cone is pressed on to the valve seat by the spring, thereby shutting off port A from port B. Starting with the control spindle in the fully closed position when the flow is shutt off, the flow rate in flow direction A to B increases according to the relevant graph as the number of turns of the control knob is increased. The control knob with its coloured scale and scale rings permits accurate repetition of the settings. The size of the coloured triangle on the rings indicates the size of the flow area. An increase in the size of the coloured triangle corresponds to an increase in flow area. A set-screw locks the setting. The closing cone opens when the pressure across port B is higher than pressure across port A including the cracking pressure produced by the spring force.



Application

Jacktech flow control and flow control & check valves DV/DRV are used:

- For regulating the speed of loads
- For system-related damping in hydraulic circuits.
- For pressure-dependent control of flow rates in general.
- To release pressure from accumulator systems.
- As an emergency drain for lowering a load.
- Areas of application include for example:-
Hydraulics units , Elevating platforms , Mobile hydraulics

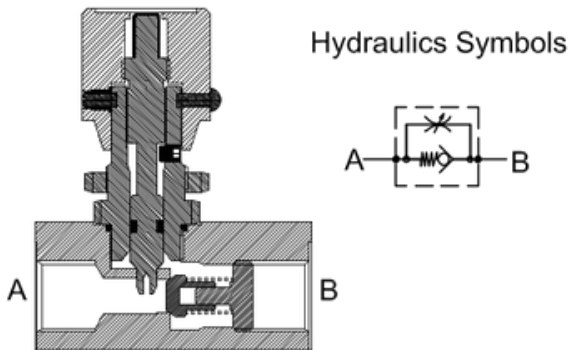


FLOW CONTROL VALVE DV / DRV

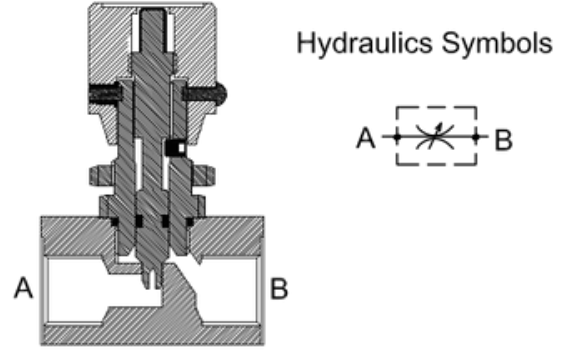
Page - 2/4
Release 04/2015

Section

Model: DRV



Model: DV



Dimensions of DV

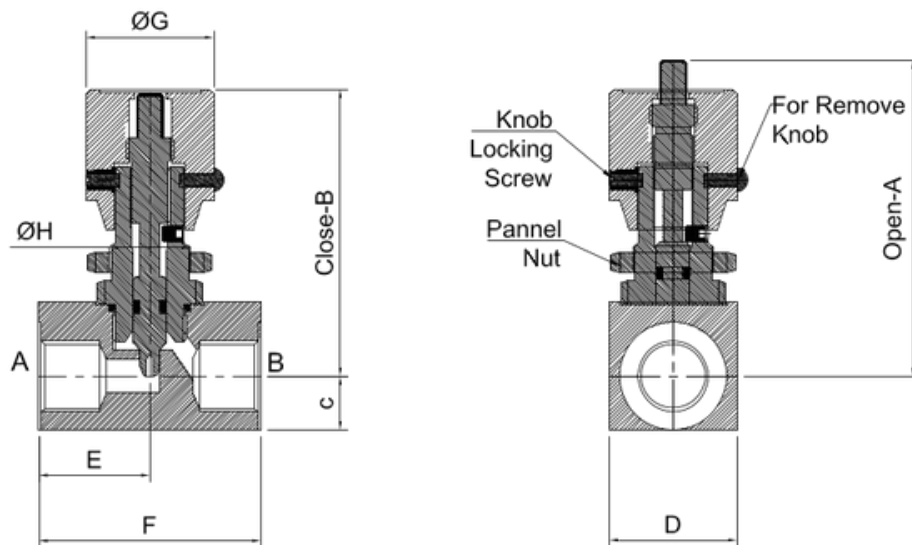


Table No.-1

SIZE	Threaded connection	Weight	Flow capacity	A	B	C	D	E	F	G	H
08	G 1/4	0.25	30	74	68	13	30	26	52	29	20
10	G 3/8	0.40	50	76	70	16	35	27	54	29	20
12	G 1/2	0.70	80	94	86	16	38	33	66	38	24
16	G 3/4	1.20	120	97	89	19	44	37	74	38	24
20	G 1	2.10	200	119	107	23	50	50	100	45	35



FLOW CONTROL VALVE DV / DRV

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Release 04/2015

Dimensions of DRV

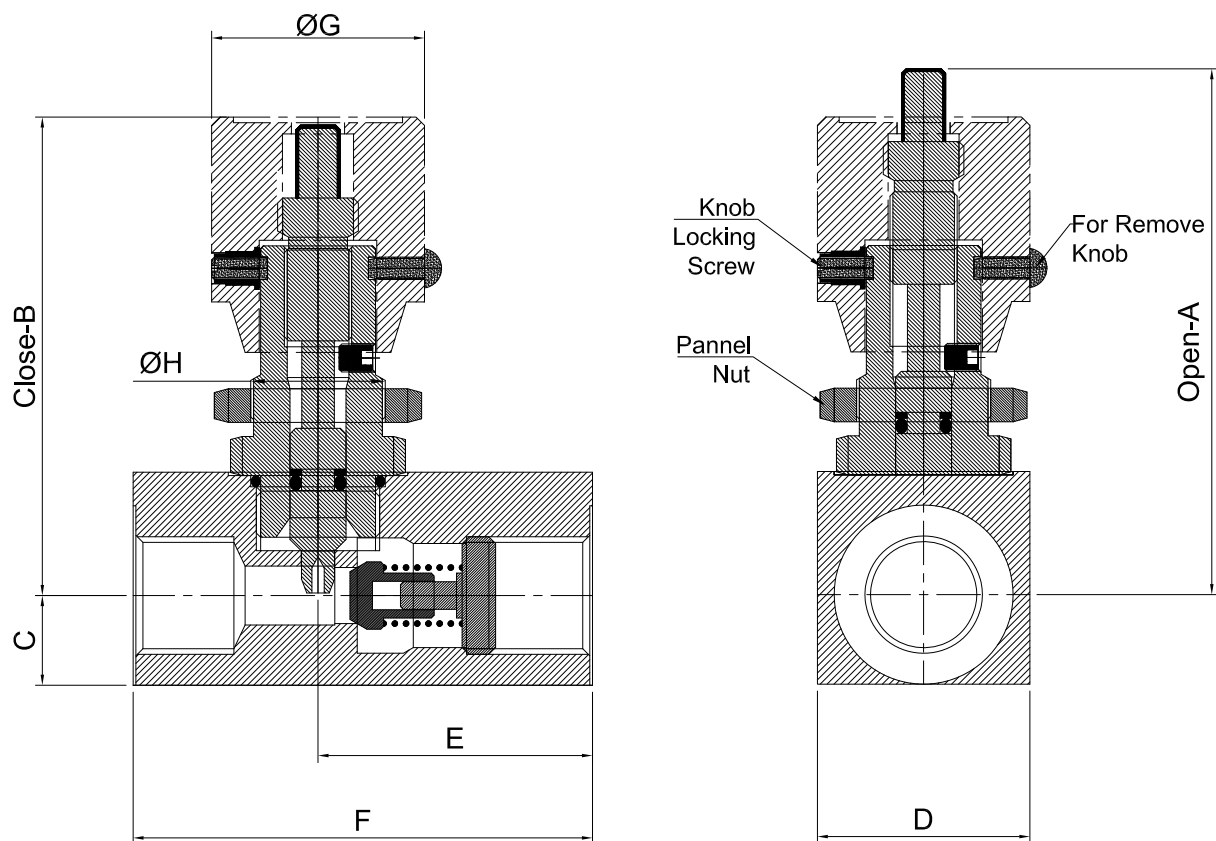


Table No.-2

SIZE	Threaded connection	Weight	Flow capacity	A	B	C	D	E	F	G	H
08	G 1/4	0.25	30	74	68	13	30	38	64	29	20
10	G 3/8	0.40	50	76	70	16	35	41	68	29	20
12	G 1/2	0.70	80	94	86	16	38	49	82	38	24
16	G 3/4	1.20	120	97	89	19	44	61	98	38	24
20	G 1	2.10	200	130	107	23	50	77	127	45	35



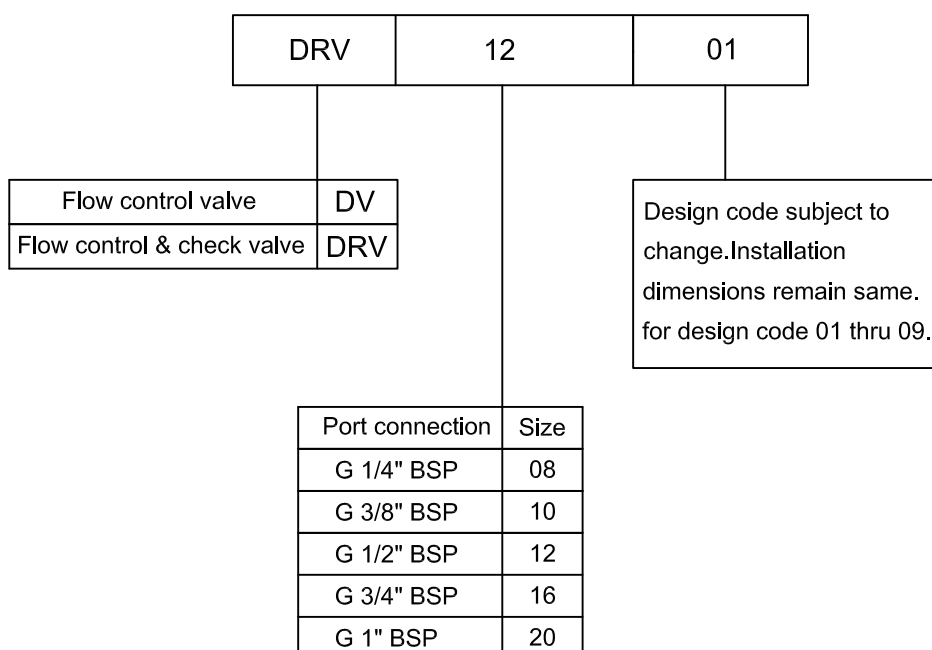
FLOW CONTROL VALVE DV / DRV

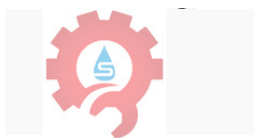
Page - 4/4
Release 04/2015

Technical specification

Type of construction	Model - DV	Slot type flow control valve with shut-off function.
	Model - DRV	Slot type flow control valve with shut-off function and built-in check valve.
Mounting style		In line mounting.
Mounting position		Optional.
Nominal pressure		350 bar across all ports.
Direction of flow	Model - DV	Optional
	Model - DRV	From A to B controlled flow From B to A free flow via check valve.
Operating fluid		Mineral Oil
Viscosity range		10 cSt to 380 cSt.
Fluid temperature range		-20°C to +70°C
Type of adjustment		Manually using control knob.
Cracking pressure of DRV		0.5 bar

Ordering code





FLOW CONTROL VALVE DVE

Page - 1/1
Release 04/2019

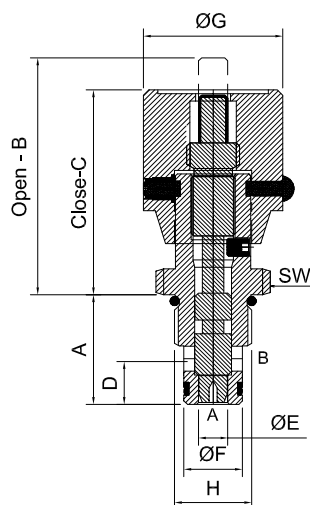
Description

Jacktech flow control valves DVE have a specially designed throttle mechanism to enable fine adjustment and shut off of the flow. The flow control and shut off function works in both directions. Further advantages of these valves are:

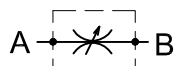
- Compact construction as cartridge valve.
- For installation in control blocks.
- A higher level of safety is achieved through patented spindle safety mechanism.
- Simple assembly due to service friendly cartridge valve technology.



Dimensions

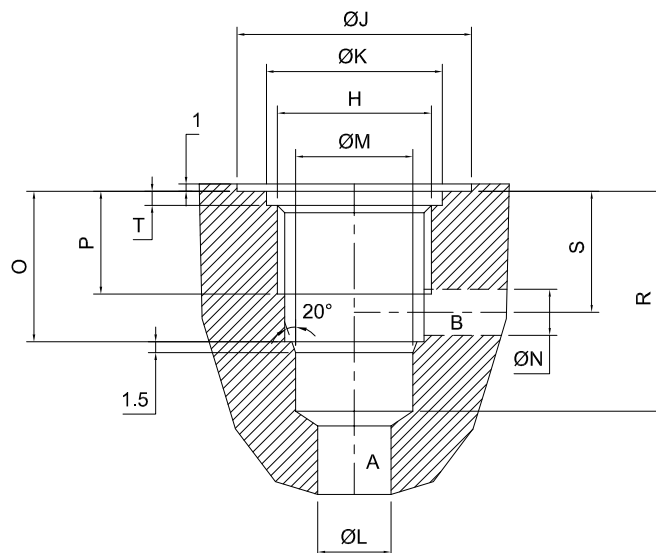


Hydraulics Symbols

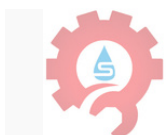


Size	A	B	C	D	E	F	G	H	SW	Torque rating	Flow capacity
DVE-10	30	64	56	12.5	8	16	38	G1/2"	27	40 + 5	80 l/min

Installation dimensions



Size	H	J	K +0.1	L Max.	M H8	N Max.	O	P Min.	R +1	S	T +0.1
DVE-10	G 1/2"	32	24	16	16	8	20.5	14	30	16.5	1.9



PRESSURE COMPENSATOR VALVE

CP-701

Page - 1/1
Release 04/2019

Description

Operation

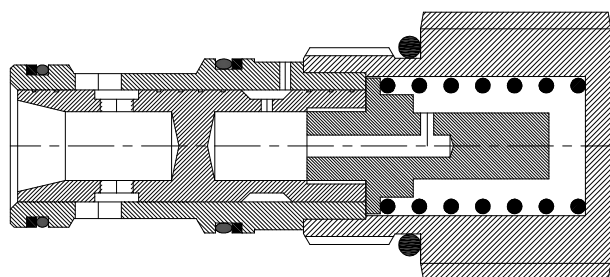
The CP701-4 is a 12 - size, normally open, pilot-to-open, spring- biased differential-sensing logic element. It will modulate flow from 2 to 1 based on the spring control pressure, inlet pressure at port 1, and outlet pressure at port 3.

Application

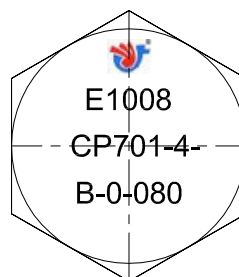
Common applications include: as a pre-compensator for proportional directional control or flow controls, as well as a pressure control valve. A common application for this valve is a pressure compensator when applied with as a pressure control valve. A common application for this valve is a pressure compensator when applied with a fixed, or adjustable orifice to create a pressure -compensated flow control. This ensures that flow rate, and resulting actuator speed is maintained regardless of pressure drop across the control orifice. Effective use of logic elements is a key to designing cost-effective circuits, and is limited only by the imagination of the designer.



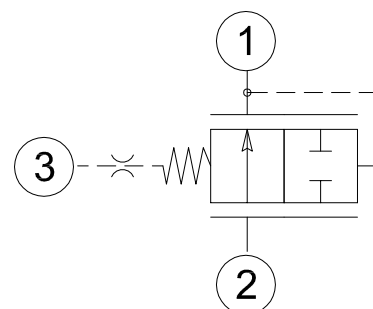
Section



68-75 N.m



Schematic



Ordering code

CP701 - 4 - B - 0 - 080

Buna - N - B

Viton -----V

No housing --- 0

With housing - 1

Differential control pressure

030 - 2.1 BAR (30 PSI)

050 - 3.5 BAR (50 PSI)

080 - 5.5 BAR (80 PSI)

100 - 6.9 BAR (100 PSI)

150 - 10.3 BAR (150 PSI)

Cavity - CP12 - 3S

Rated pressure - 210 bar

Rated Flow at 7 bar -- 150 L / Min



FLOW CONTROL & CHECK VALVE MODULAR CONSTRUCTION TCM 06

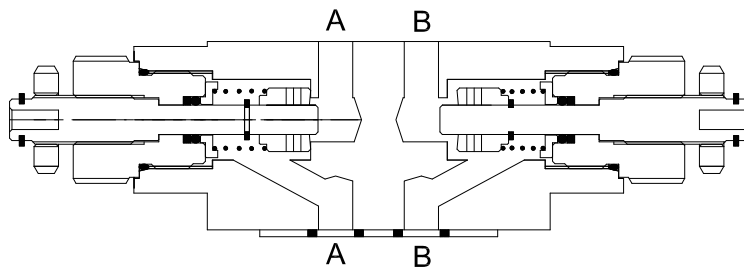
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Release 04/2015

Description

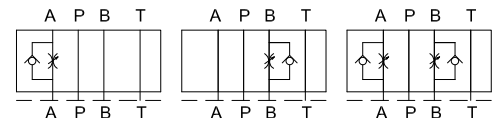
Double throttle / check valve.
Non pressure compensated.
Modular construction.
Can be used for METER-OUT or METER-IN applications.
Interface conforming to ISO, IS & DIN.



Section

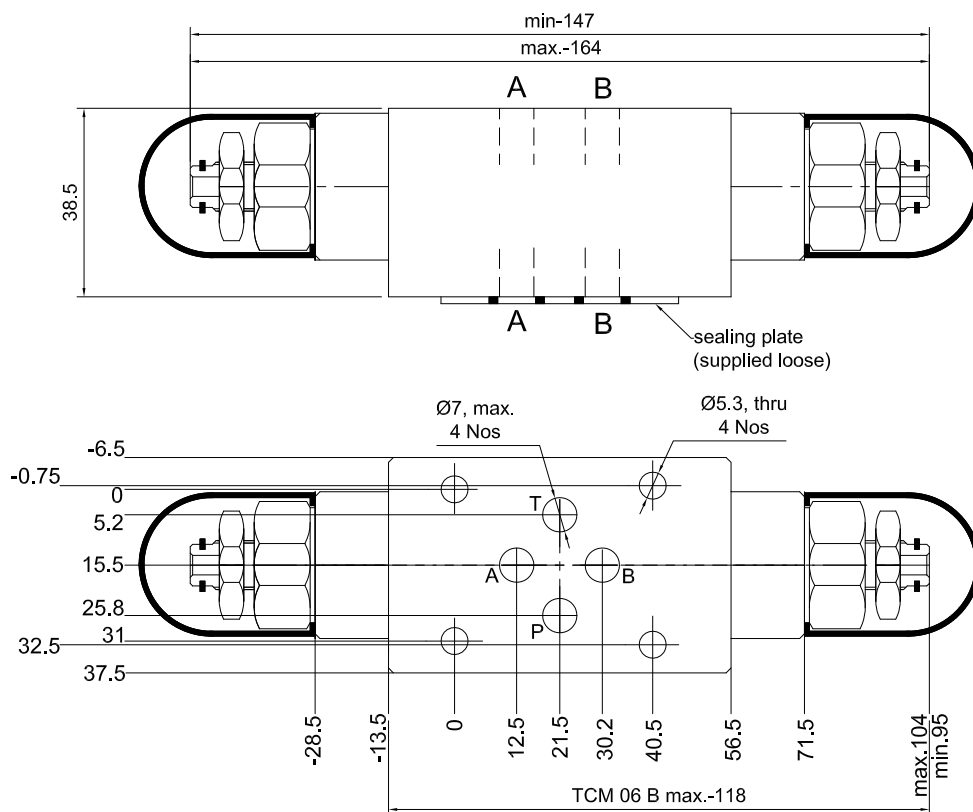


Hydraulics Symbol



TCM06 A TCM06 B TCM06 AB

Unit Dimensions





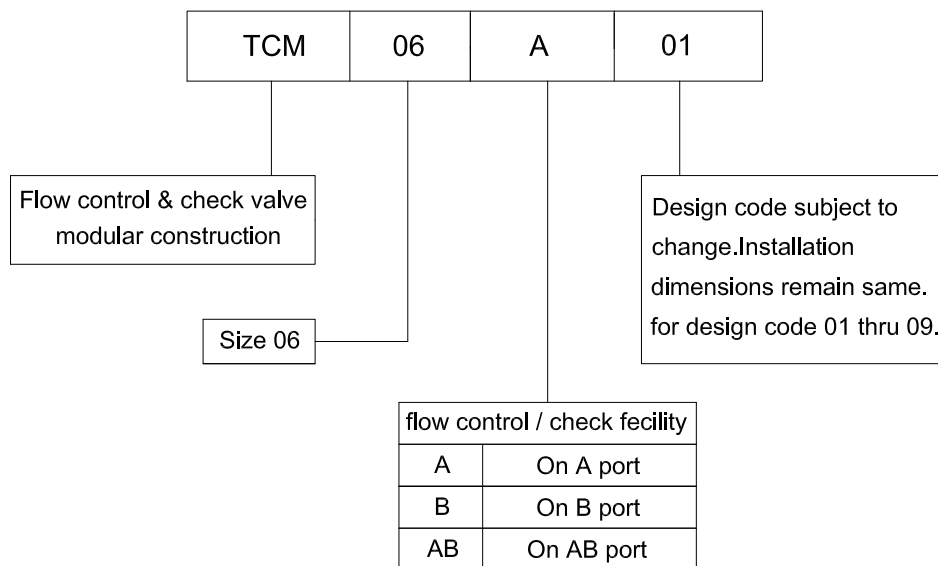
FLOW CONTROL & CHECK VALVE
MODULAR CONSTRUCTION
TCM 06

Page - 2/2
Release 04/2015

Technical specification

Type of construction	Modular , Spool type, Non-pressure compensated.
Mounting style	Modular type, Conforming to IS 10187.
Mounting position	Optional.
Operating pressure	315 bar for all ports.
Direction of flow	For ports P & T free in either direction. For ports A & B free in one direction. Adjustable throttled flow in opposite direction as indicated on the valve dial plate.
Operating fluid	Mineral Oil
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-20°C to +70°C
Type of adjustment	Manually.
Nominal flow handling capacity	30 l/min.
Mass	0.9 kg.

Ordering code



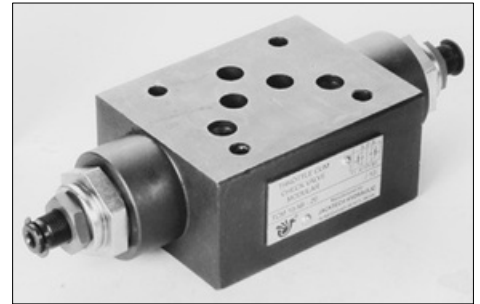


FLOW CONTROL & CHECK VALVE MODULAR CONSTRUCTION TCM 10

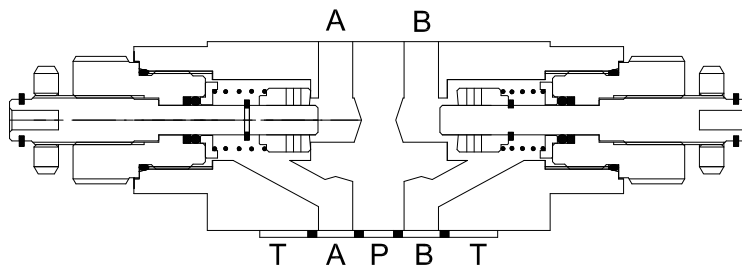
Page - 1/2
Release 04/2015

Description

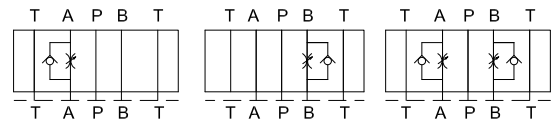
Double throttle / check valve.
Non pressure compensated.
Modular construction.
Can be used for METER-OUT or METER-IN applications.
Interface conforming to ISO, IS & DIN.



Section



Hydraulics Symbol

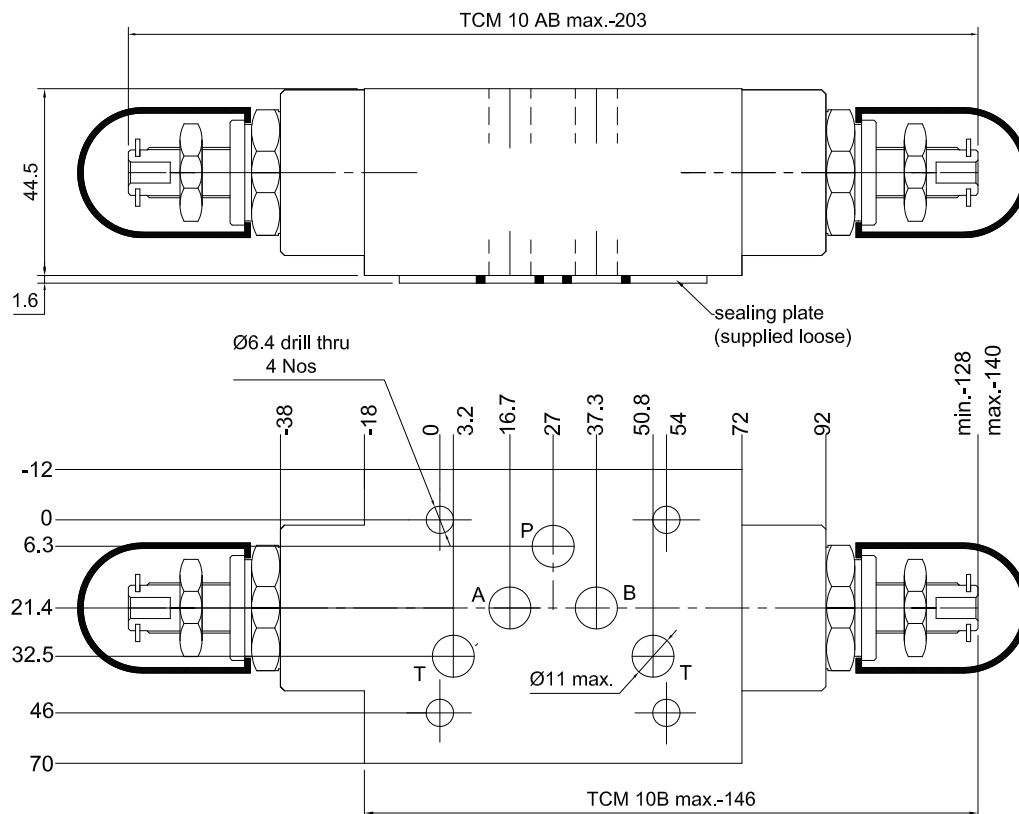


TCM10 A

TCM10 B

TCM10 AB

Unit Dimensions





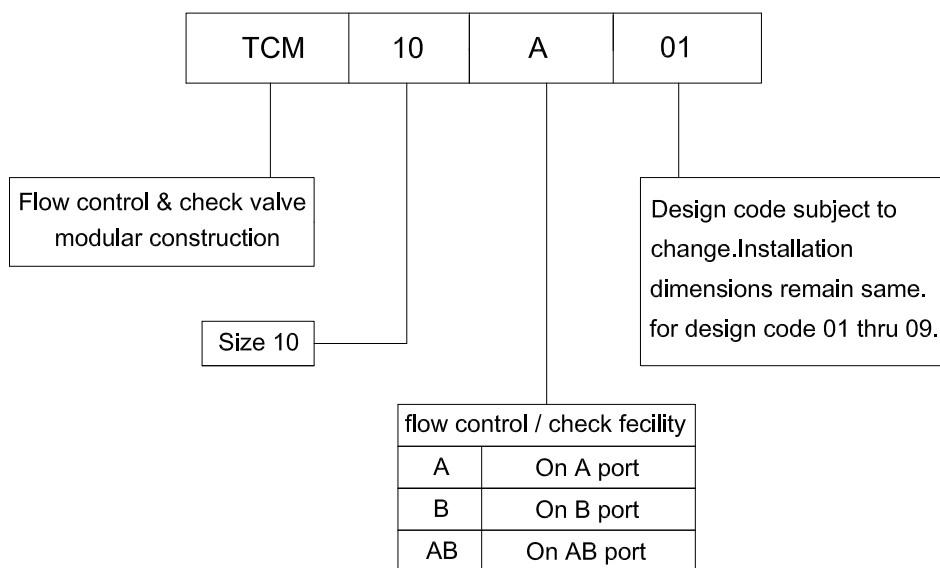
FLOW CONTROL & CHECK VALVE MODULAR CONSTRUCTION TCM 10

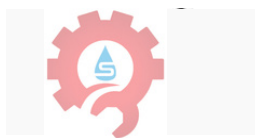
Page - 2/2
Release 04/2015

Technical specification

Type of construction	Modular , Spool type, Non-pressure compensated.
Mounting style	Modular type, Conforming to IS 10187.
Mounting position	Optional.
Operating pressure	315 bar for all ports.
Direction of flow	For ports P & T free in either direction. For ports A & B free in one direction. Adjustable throttled flow in opposite direction as indicated on the valve dial plate.
Operating fluid	Mineral Oil
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-20°C to +70°C
Type of adjustment	Manually.
Nominal flow handling capacity	60 l/min.
Mass	2.4 kg.

Ordering code





FLOW DIVIDER VALVE FD

Page - 1/2
Release 01/2017

Description

Flow divider valves provide dual flow from a single source at a predetermined ratio, regardless of load.

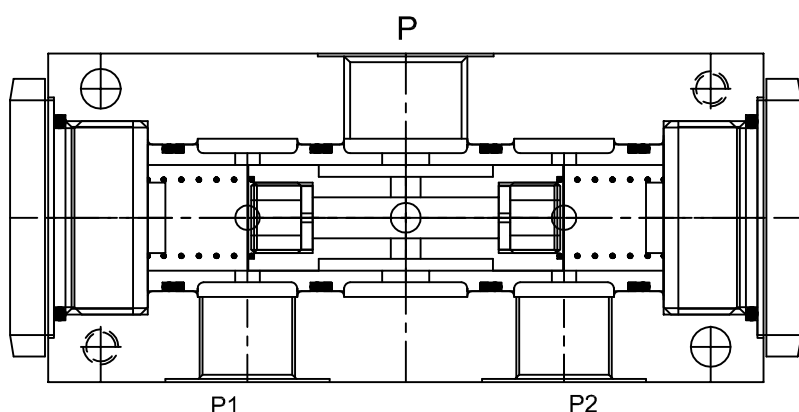
Maximum dividing error is $\leq \pm 5\%$

Threaded port body.

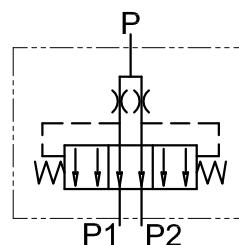
Fluid temp. range- -20°C to $+70^{\circ}\text{C}$



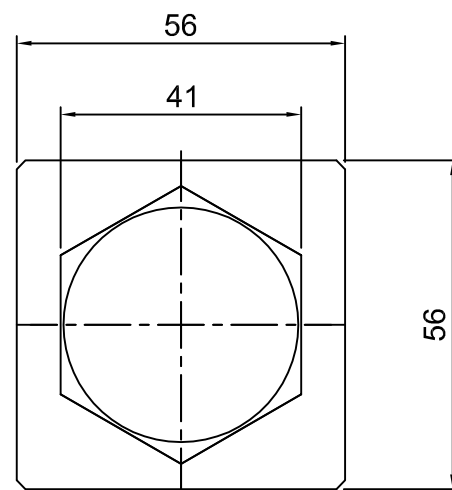
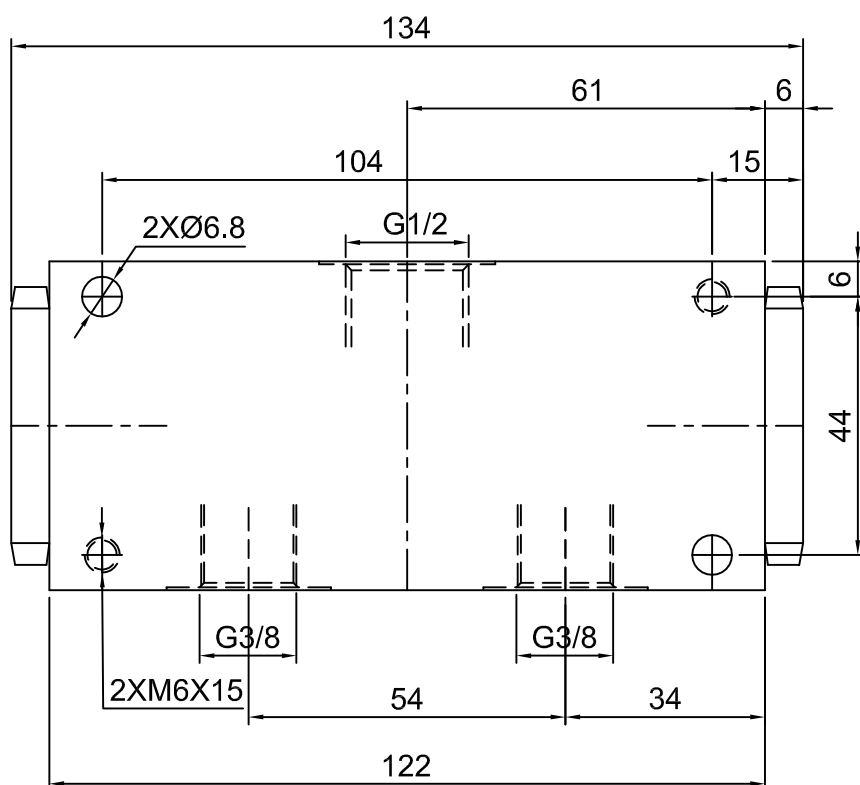
Section



Hydraulics Symbol



Unit Dimensions

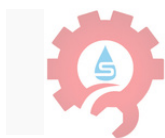


Model :

FDT*A*

FDT*B*

FDT*C*



FLOW DIVIDER VALVE FD

Page - 2/2
Release 01/2017

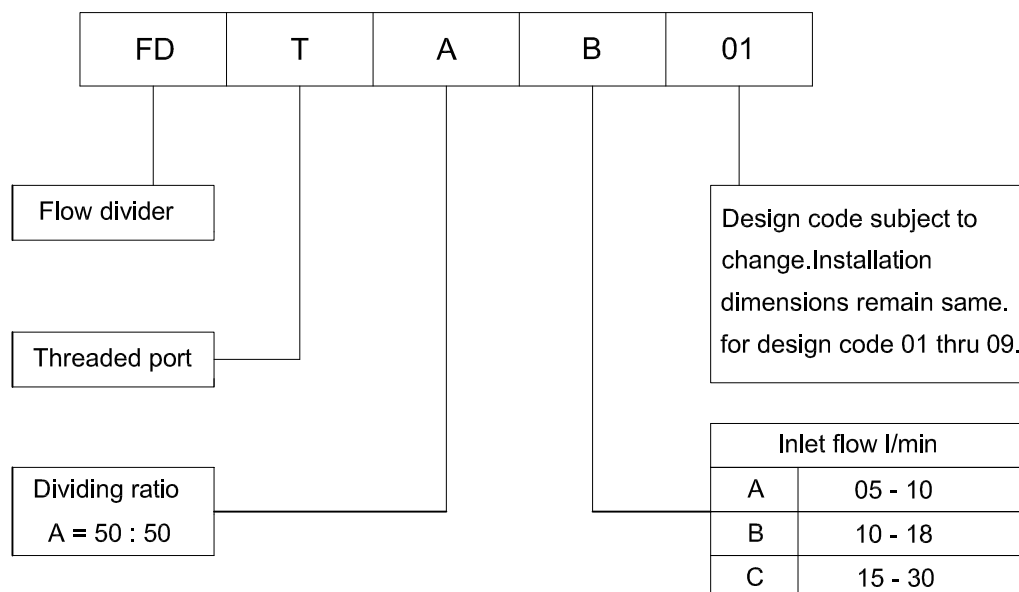
Technical Specifications

Type of construction	Pressure compensated spool type.
Mounting style	Threaded body.
Mounting position	Horizontal.
Operating pressure	300 bar for all ports.
Pressure drop across valve	Refer graph.
Dividing accuracy	$\leq \pm 5\%$
Operating fluid	Mineral Oil
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-20°C to +70°C

Mass

Model	FDTAA*	FDTAB*	FDTAC*
Mass Kg	2.5	2.5	2.5

Ordering Code





NEEDLE VALVE SUBPLATE MOUNTING MSNL 06

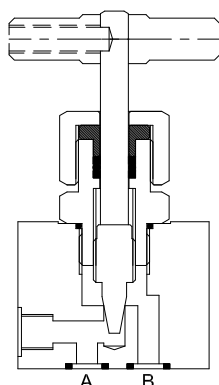
Page - 1/1
Release 04/2015

Description

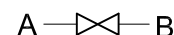
Needle valve model MSNL* are rising spindle.
Seat type valves with metal to metal seat for
leak free closure between its port 'A' to port 'B'
The mounting Interface conforms to ISO 5781-AB-03-4-B



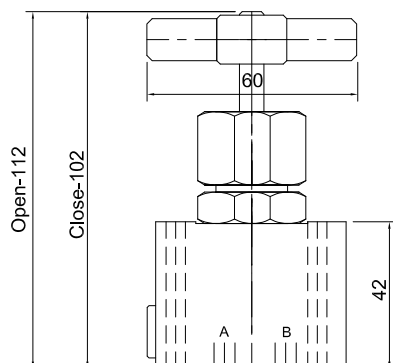
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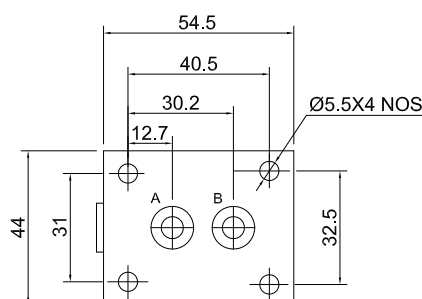
Hydraulics Symbol



Unit Dimensions



Valve fixing screw M5X50



Technical specification

Construction	Seat type.
Mounting style	Subplate mounting.
Mounting position	Optional.
Flow direction	From port 'A' to port 'B'.
Operating pressure	315 bar.
Hydraulics medium	Mineral oil.
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-20°C to +70°C.
Max. flow handling capacity	30 l/min.
Mass	0.9 kg



NEEDLE VALVE SHUT OFF VALVE NV / SOV

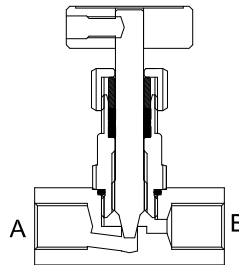
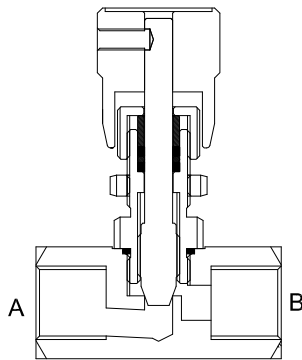
Page - 1/1
Release 04/2015

Description

Needle valve model NV*/ SOV* are rising spindle.
Seat type valves with metal to metal seat
for leak free closure between its port 'A'
to port 'B'. In line mounting style, Maximum pressure
350 bar,Hydraulics medium - mineral oil
Fluid temp. range- -20°C to +70°C



Section



Hydraulics Symbol



Unit Dimensions

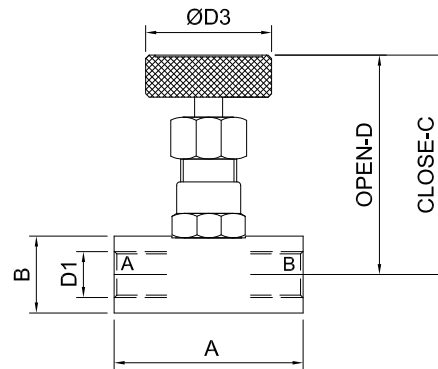
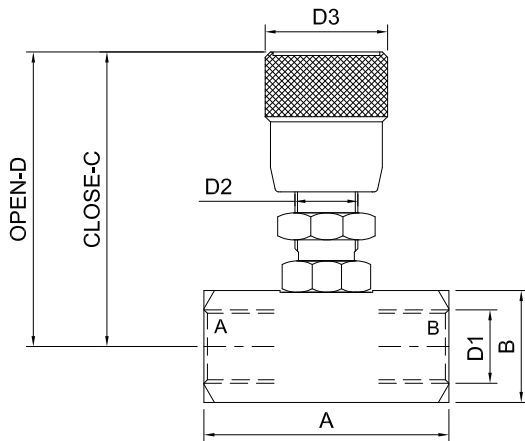


Table No.-1

MODEL	Mass Kgs.	Thread ØD1	ØD2	ØD3	A	B	C	D
NV 08	0.9	1/4" BSP	18	32	55	28	84	92
NV 10	1.1	3/8" BSP	18	32	55	30	86	93
NV 12	1.4	1/2" BSP	18	35	70	35	84	94
NV 16	1.8	3/4" BSP	18	35	74	38	85	95
NV 20	2.4	1" BSP	30	60	100	50	170	180
SOV 08	0.8	1/4" BSP	--	36	54	22	63	71



NEEDLE VALVE HNV

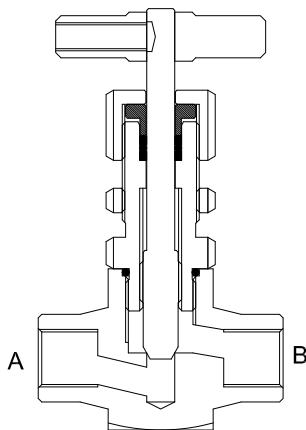
Page - 1/1
Release 04/2015

Description

Needle valve model HNV* are rising spindle.
Seat type valves with metal to metal seat
for leak free closure between its port 'A' to port 'B'.
These are used for isolating the oil flow in the
direction as indicated by an arrow mark
shown on the valve body.

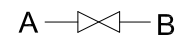


Section

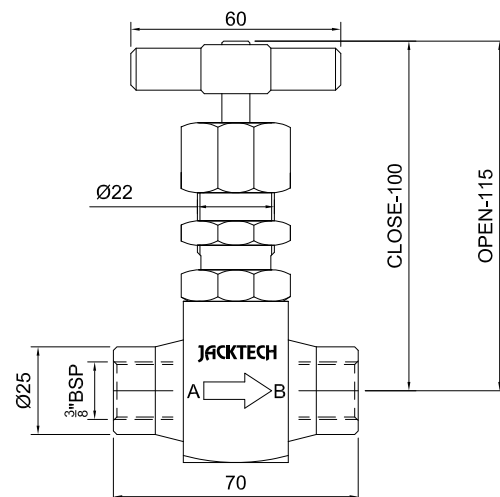
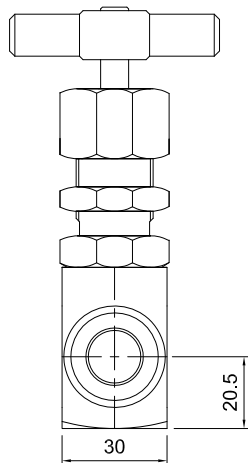


MODEL CODE:- HNV 10 X 3/8"BSP

Hydraulics Symbol



Unit Dimensions



Technical specification

Construction	Seat type.
Mounting style	In line mounting.
Flow direction	From port 'A' to port 'B'.
Operating pressure	350 bar.
Max. flow handling capacity	40 l/min.
Mass	0.7 kg



GAUGE ISOLATING VALVE SUBPLATE MOUNTING GIVS

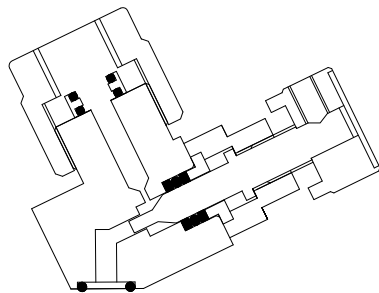
Page - 1/1
Release 04/2015

Description

Seat type valves.
Swiveling gauge connection for easy gauge positioning.
Compact assembly.
Eliminates gauge supporting bracket.
Angular gauge face plane in sub-plate mounting construction facilitating easy gauge reading.



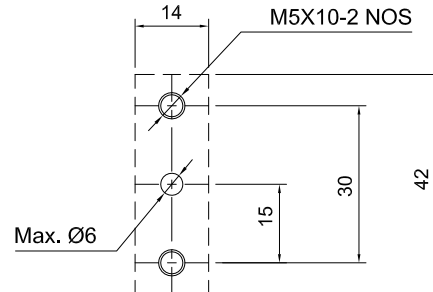
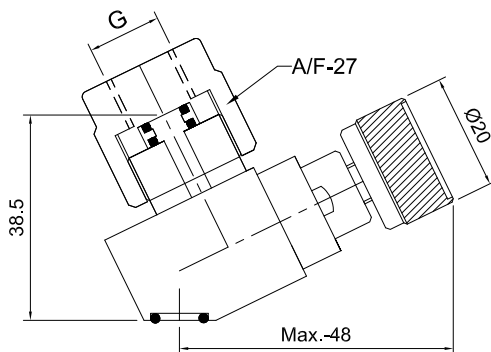
Section



Hydraulics Symbol



Unit Dimensions



Technical specification

Construction	Seat type.
Mounting style	Sub plate mounting
Mounting position	Optional.
Operating pressure	350 bar.
Hydraulic medium	Mineral oil
Interface standard	Factory standard.
Viscosity ranges	10 cSt to 380 cSt.
Fluid Temperature range	-10°C to +70°C
Mass	0.3 kg
Order code	GIVS - 1/4"
	GIVS - 3/8"



GAUGE ISOLATOR VALVE PANNEL MOUNTING GIV

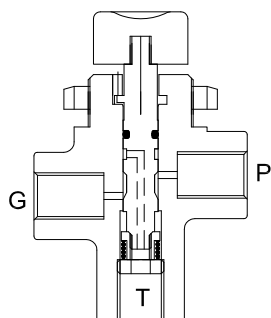
Page - 1/1
Release 04/2015

Description

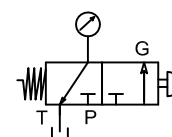
The pressure gauge isolator valve, model GIV is meant for checking the system pressure to which it is connected. The valve is a spool type, spring off-set, manually operated device. In normal condition the valve blocks the pressure port and keeps the pressure gauge connected to the drain. Thus isolating the gauge from system pressure surges and eliminating continuous pressure strain on the gauge. By pushing the actuator knob of the valve, system pressure can be read on the gauge. The valve is available in two model 1, JT-200 M & 2, JT-200 ML.



Section



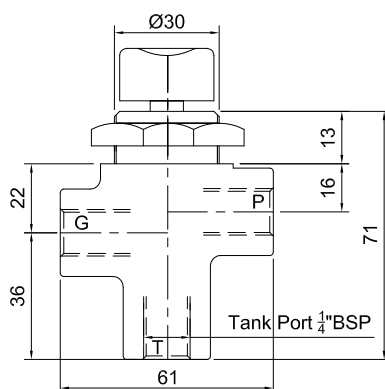
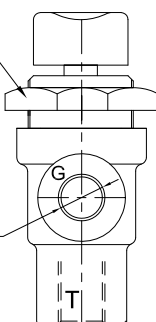
Hydraulics Symbol



Unit Dimensions

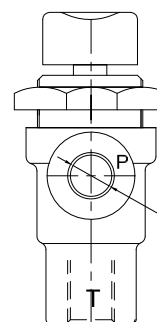
Pannel Mounting Nut

Gauge Port
1/4" BSP



Knob

Pressure Port
1/4" BSP



Technical specification

Construction	Seat type, Manually operated, spring off-set.
Mounting style	Pannel mounting
Mounting position	Optional.
Operating pressure	210 bar.
Hydraulic medium	Mineral oil
Interface standard	Factory standard.
Viscosity ranges	10 cSt to 380 cSt.
Fluid Temperature range	-10°C to +70°C
Mass	0.3 kg
Order code	JT 200 M (Push to read) JT 200 ML (Push to read with lockable)



LEVER OPERATED DIRECTION CONTROL VALVE DL10

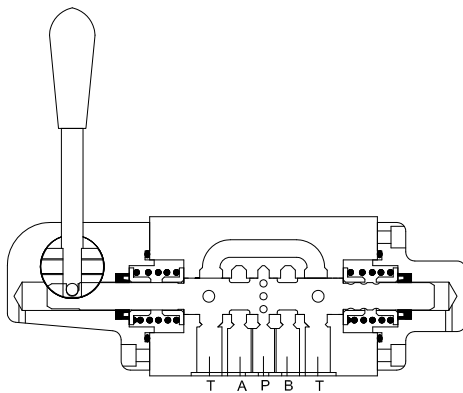
Page - 1/3
Release 04/2015

Description

Completely encapsulated mechanism for protection against dirt.
Five chamber design for better reduction in dynamic forces and longer valve life. Two mounting styles -- Threaded port & Subplate body. Available as spring centred, spring off-set or detented model. Operating head can be rotated by 90° x 4 around spool axis for flexibility in mounting. Valve mounting interface conforms to International and National Standards. Port configuration conforms to Factory Standards.

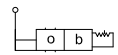


Section

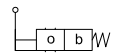


Hydraulics Symbol

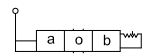
2 position detented



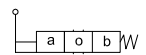
2 position spring offset



2 position detented

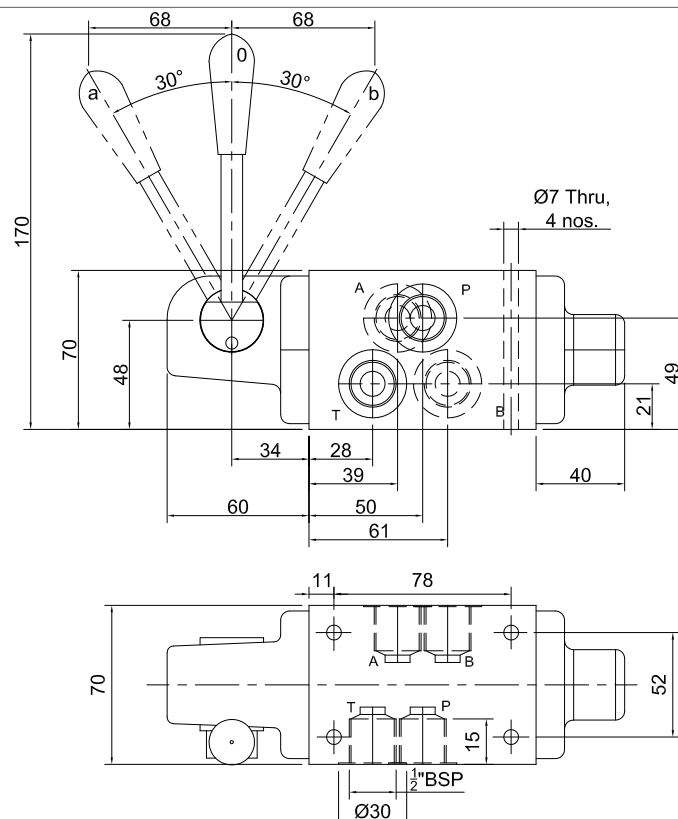


2 position spring centred



Unit Dimensions

Threaded port body

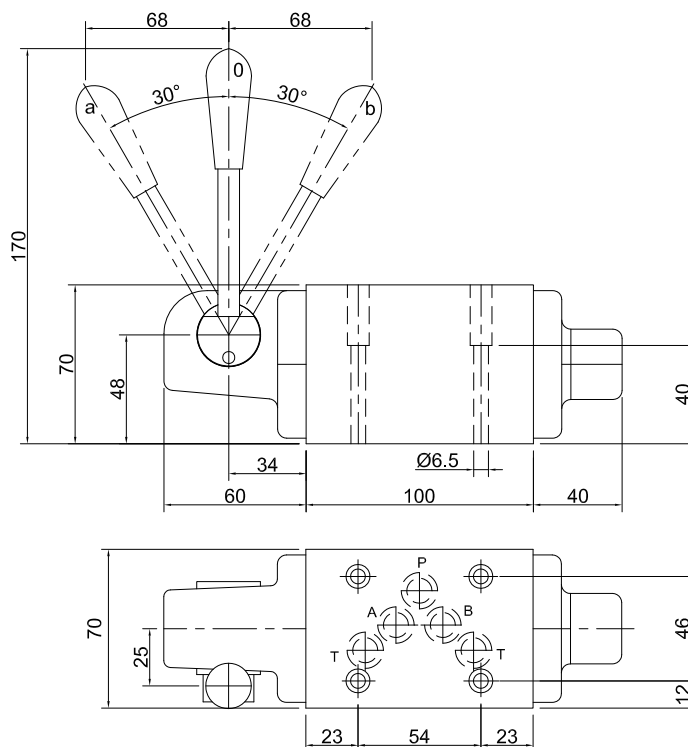




LEVER OPERATED DIRECTION CONTROL VALVE DL10

Page - 2/3
Release 04/2015

Unit Dimensions



O ring size at port P, A, B & T : 12i.d. x 2 c.s.d.

Technical specification

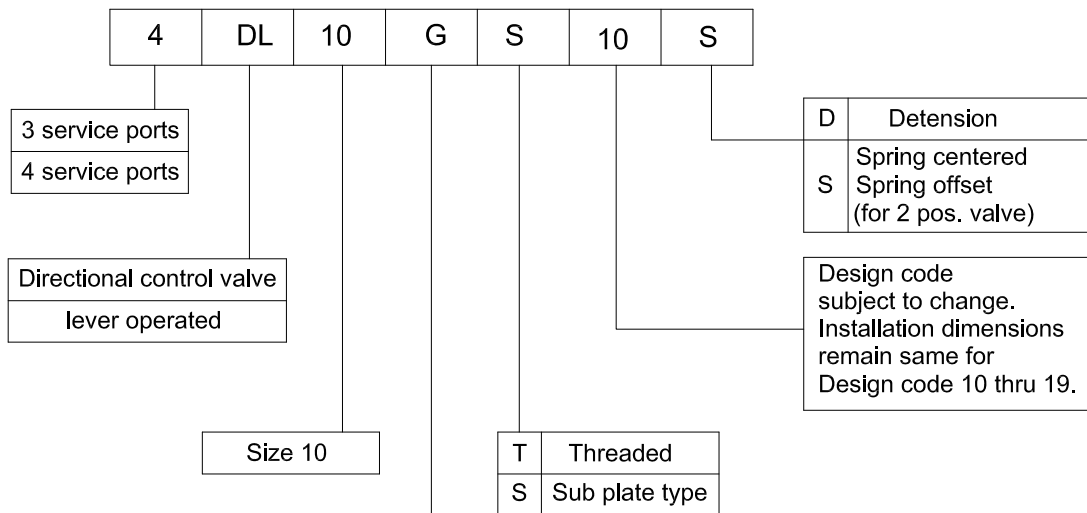
Construction	Spool type.
Mounting	Threaded and subplate body. Interface as per ISO 4401- AC- 05 -04 -A IS 10187 - 10 mm diameter nominal port.
Mounting position	Optional
Flow direction	As per spool type.
Operating pressure	For port P, A and B315 bar. For port T100 bar.
Hydraulics medium	Mineral oil.
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-10°C to +80°C
Maximum flow handling capacity	100 L / min
Mass	5.6 kg APPROX (Threaded & Subplate body)



LEVER OPERATED DIRECTION CONTROL VALVE DL10

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Release 04/2015

Ordering code



Spool type (ref. chart)	
Type	Symbole
	a o b
A	
C	
E	
G	
H	
J	

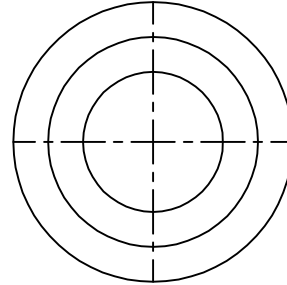
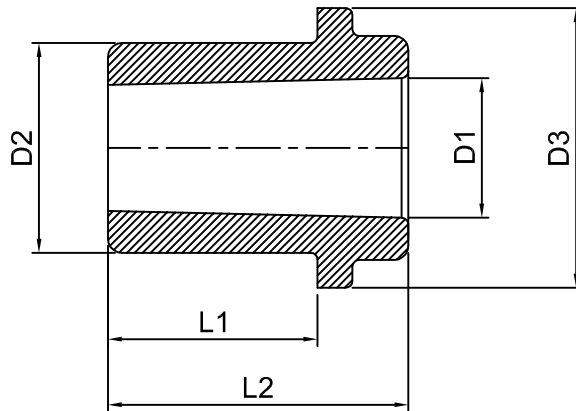
Note : Subplate to be order separately.



RUBBER BUSH

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Release 04/2016

Unit Dimensions



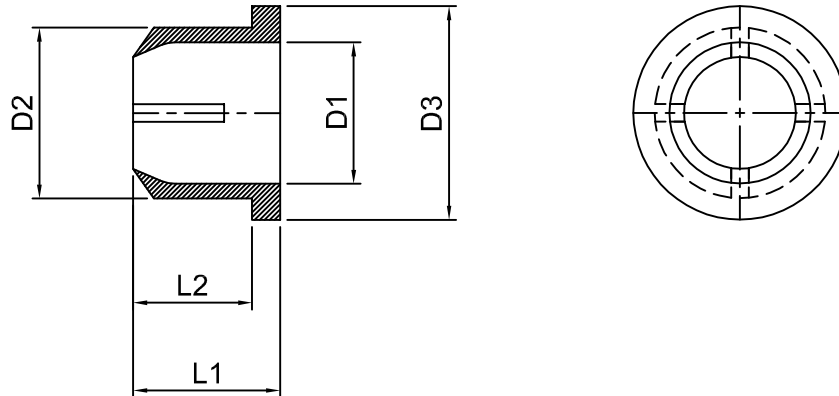
TUBE O.D. D1	D2	D3	L1	L2
06	10	16	20	30
08	14	20	24	34
10	20	26	24	36
12	21	26.5	25	36
16	25	32	24	34
18	27	35	25	36
20	30	37	26	39
22 (1/2" BSP)	35	39	25	36
25	34	40	24	34
28 (3/4" BSP)	34	42	25	38
30	36	46	25	35
32	38	48	25	37
34 (1" BSP)	41	51	25	37
38	49	54	24	37
42 (1 1/4" BSP)	50	58	25	37
48 (1 1/2" BSP)	56	66	25	38
60 (2" BSP)	66	77	24	38
75 (2 1/2" BSP)	84	95	24	35
90	105	114	25	39



NYLONE BUSH

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Release 04/2016

Unit Dimensions



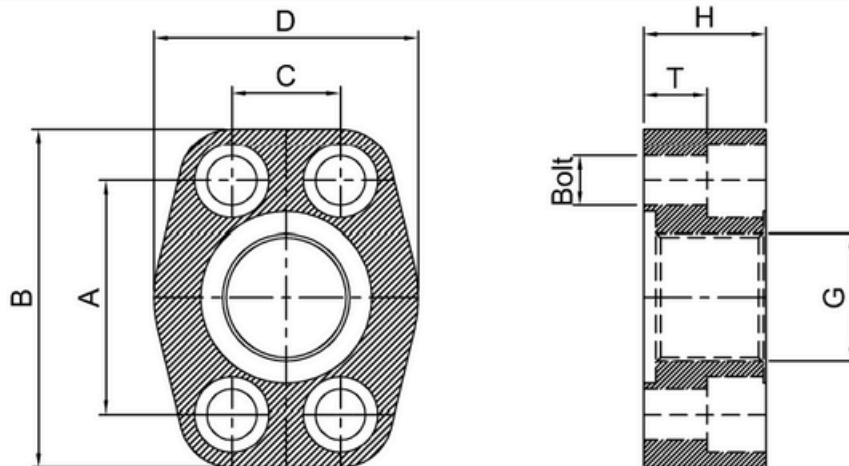
TUBE O.D. D1	D2	D3	L1	L2
08	12.5	18.5	20	16.5
10	14.5	21.5	20	16
12	16.5	23.5	20	16
16	20.5	27.5	21	17
20	24.5	30.5	21	17
22	26.5	32.5	21	17
25	29.5	37.5	21	17
30	34.5	41.5	21	17



FLANGES

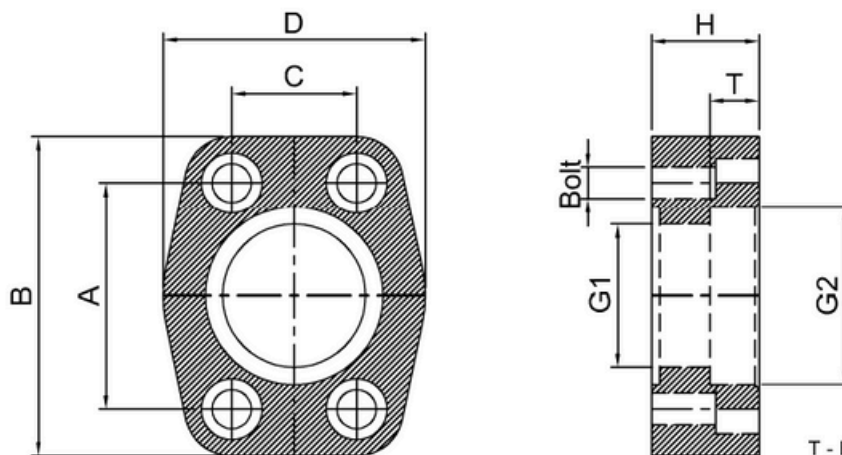
Page - 1/1
Release 04/2016

Unit Dimensions



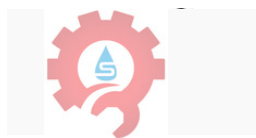
Standard Pressure Series

Pressure Bar	Nominal Size		Order Code	Dimension in MM						Thread G	'O' Ring Size	For Bolts Size UNC
	DN	INCH		A	B	C	D	H	T			
350	19	3/4"	FL-3/4" T	47.60	69	22.22	54	25	13	3/4" BSP	30 x 3	3/8" X 25
315	25	1"	FL-1" T	52.40	74	26.20	56	25	13	1" BSP	34 x 3	3/8" X 25
250	32	1 1/4"	FL-1 1/4" T	58.72	86	30.18	74	30	15	1 1/4" BSP	42 x 3.5	7/16" X 32
200	38	1 1/2"	FL-1 1/2" T	69.86	98	35.72	70	30	15	1 1/2" BSP	50 x 3.5	1/2" X 32



T - High Gread Cast Iron
SW - High Gread Mild Steel

Pressure Bar	Nominal Size		Order Code	Dimension in MM								'O' Ring Size	For Bolts Size UNC
	DN	INCH		A	B	C	D	H	T	G1	G2		
150	50	2"	FL-2" SW	77.77	110	42.88	90	37	17	49	61.10	55 x 3.5	1/2" X 38
150	50	2"	FL-2" T	77.77	110	42.88	90	37	29	49	2" BSP	55 x 3.5	1/2" X 38
125	63	2 1/2"	FL-2 1/2" SW	88.90	124	50.80	102	42	19	61	74.60	70 x 3.5	1/2" X 38
125	63	2 1/2"	FL-2 1/2" T	88.90	124	50.80	102	42	32	61	2 1/2" BSP	70 x 3.5	1/2" X 38
100	75	3"	FL-3" SW	106.4	140	61.90	120	42	19	75	75.00	80 x 3.5	5/8" X 45
100	75	3"	FL-3" T	106.4	140	61.90	120	42	34	75	3" BSP	80 x 3.5	5/8" X 45



CLEANING COVER

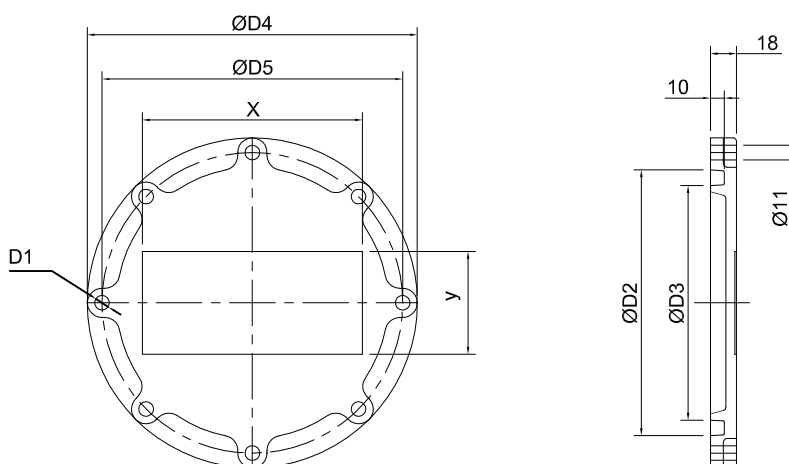
Page - 1/1
Release 02/2019

Description

- * Jacktech Cleaning cover made from aluminium
- * Screw tightening torque for all cleaning cover sizes 10 Nm at the maximum
- * Cleaning cover JH 324 is resistant to HFC fluids
- * Gaskets type PRD made from perbunane (NBR)
- * Max. permissible pressure = 0.5 bar



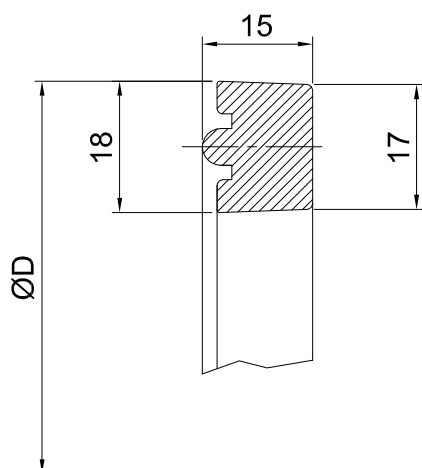
Cleaning cover



Cleaning cover

Dimensions [mm]

Size	Dimensions [mm]								
	D1	D2	D3	D4	D5	no.of bores	x	y	Weight kg
JH 324	11	304	268	350	324	8	251	100	2.5



Gasket for Cleaning cover

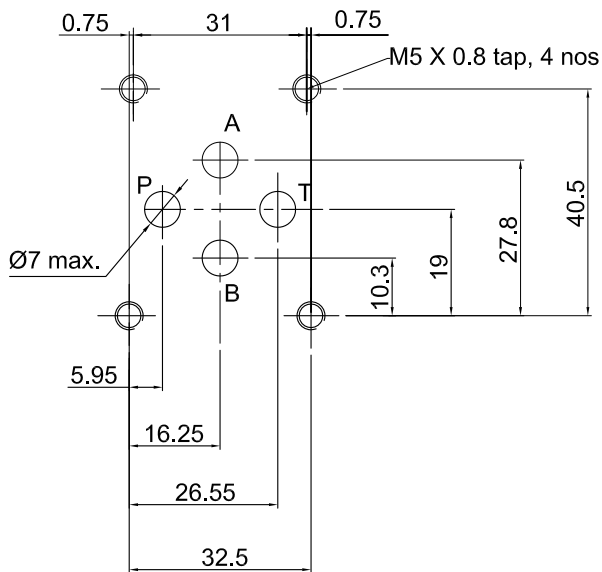
Size	for cleaning cover	D [MM]
JH-NBR-268	JH 324	304



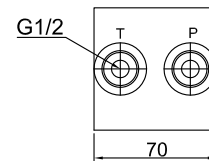
MANIFOLD FOR D.C. VALVE MB6 X 3/8 SERIES

Page - 1/4
Release 04/2015

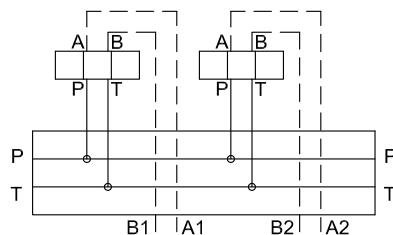
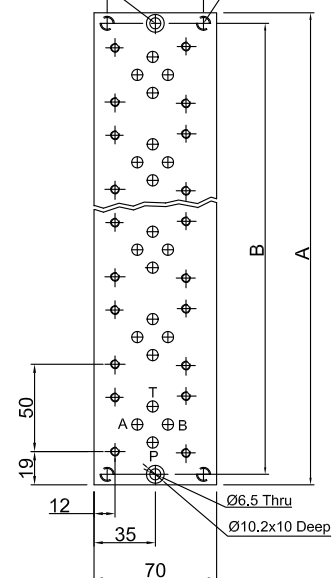
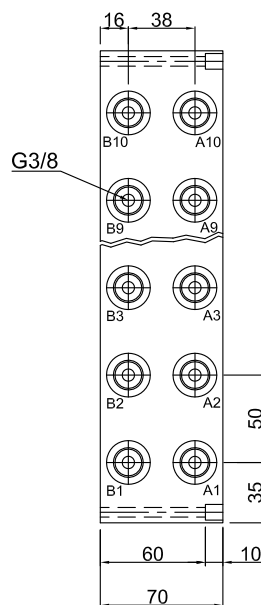
Unit Dimensions



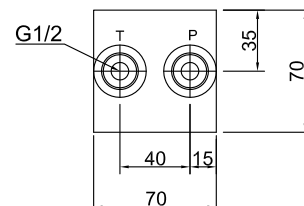
Interface detail.



Mounting hole for M6X1 S.H.C. Screw
Tapped hole M8X4 Nos for Optional mounting



Hydraulic circuit



NO.OF STATION	1*	2	3	4	5	6	7	8	9
Modal No.	MB6-3/8"	MB6-3/8"	MB6-3/8"	MB6-3/8"	MB6-3/8"	MB6-3/8"	MB6-3/8"	MB6-3/8"	MB6-3/8"
Order Code	MB-A-08-01*	MB-A-08-02	MB-A-08-03	MB-A-08-04	MB-A-08-05	MB-A-08-06	MB-A-08-07	MB-A-08-08	MB-A-08-09
A	70	120	170	220	270	320	370	420	470
B	58	108	158	208	258	308	358	408	458

Note:- * P & T Connection size- 3/8"BSP

SHUBHAM MACHINERY AND PIPE TRADERS
SHUBHAM COMPLEX, MAIN MADIA ROAD,
PALI, RAJASTHAN 306401

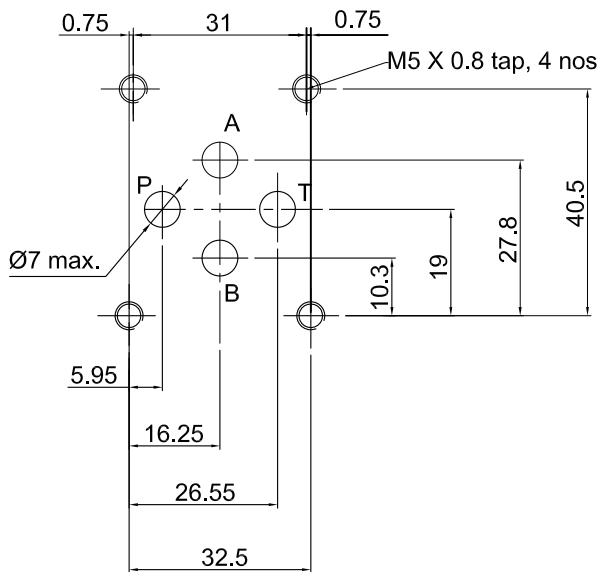
+91-9414205417
+91-7506188147
+91-9929850717



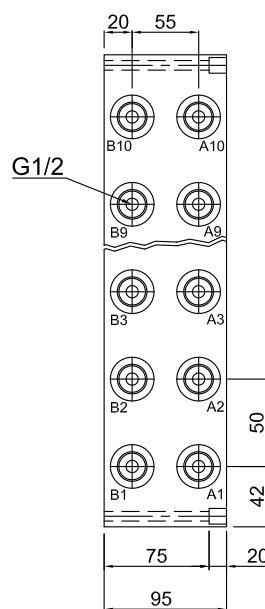
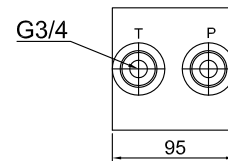
MANIFOLD FOR D.C. VALVE MB6 X 1/2 SERIES

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Release 04/2015

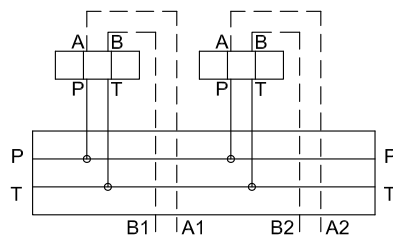
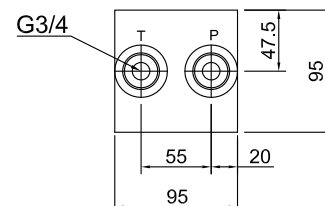
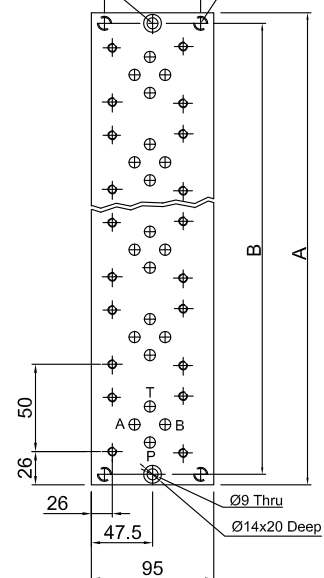
Unit Dimensions



Interface detail.



Mounting hole for M8X1.25 S.H.C. Screw
Tapped hole M8X4 Nos for Optional mounting



Hydraulic circuit

NO.OF STATION	1*	2	3	4	5	6	7	8	9
Modal No.	MB6-1/2"	MB6-1/2"	MB6-1/2"	MB6-1/2"	MB6-1/2"	MB6-1/2"	MB6-1/2"	MB6-1/2"	MB6-1/2"
Order Code	MB-A-09-01*	MB-A-09-02	MB-A-09-03	MB-A-09-04	MB-A-09-05	MB-A-09-06	MB-A-09-07	MB-A-09-08	MB-A-09-09
A	83	133	183	233	283	333	383	433	483
B	63	113	163	213	263	313	363	413	463

Note:- * P & T Connection size- 1/2"BSP

SHUBHAM MACHINERY AND PIPE TRADERS
SHUBHAM COMPLEX, MAIN MADIA ROAD,
PALI, RAJASTHAN 306401

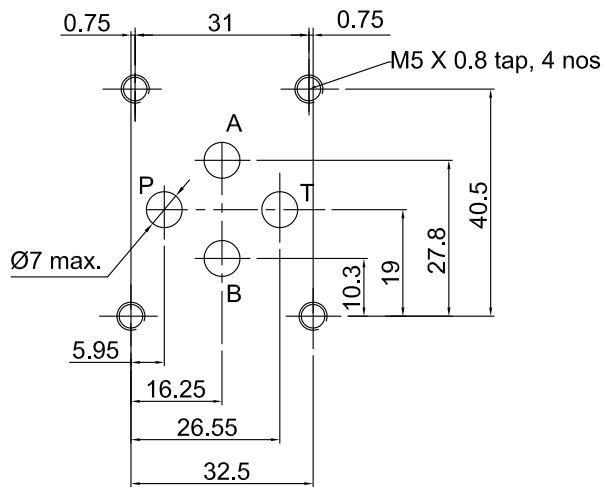
+91-9414205417
+91-7506188147
+91-9929850717



MANIFOLD MB6 X D6K X 3/8"

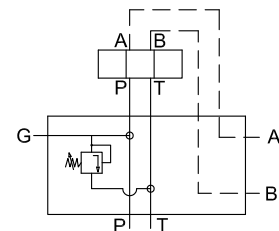
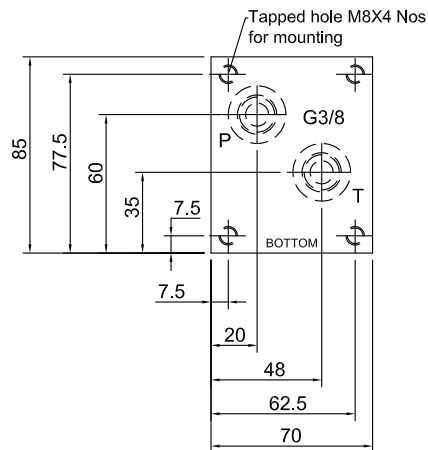
Page - 3/4
Release 04/2015

Unit Dimensions

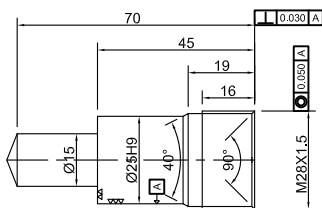
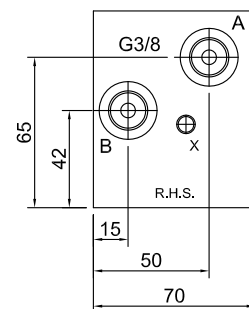
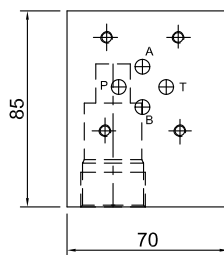
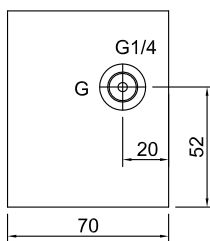


Modal No.	MB6 X D6K X 3/8" BSP
Order Code	MB-A-01-01

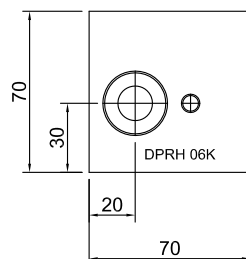
Interface detail.



Hydraulic circuit



DPRH 06K Detail

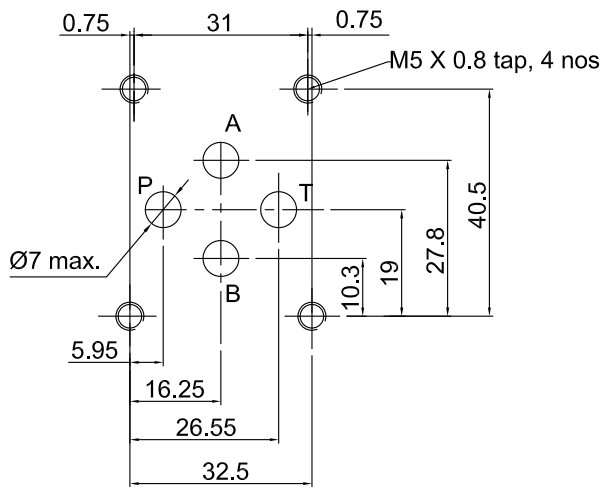




MANIFOLD MB6 X D6K X 3/8"

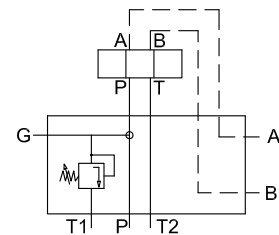
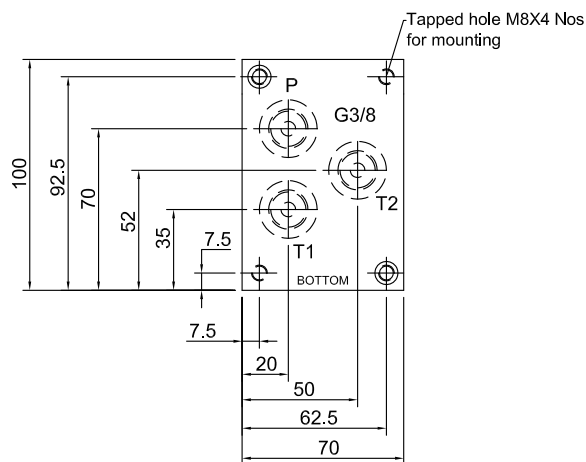
Page - 4/4
Release 04/2015

Unit Dimensions

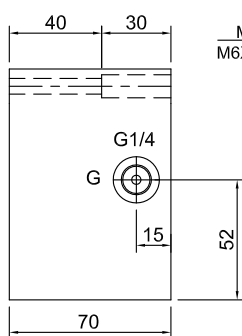


Modal No.	MB6 X D6K X 3/8" BSP
Order Code	MB-A-01-02

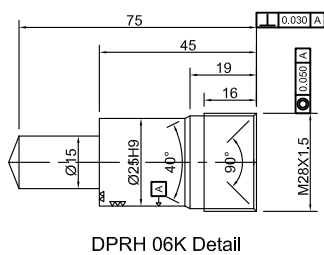
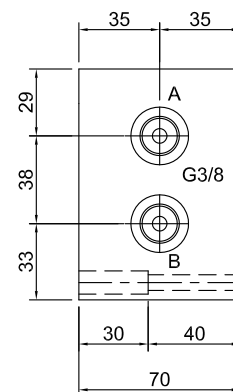
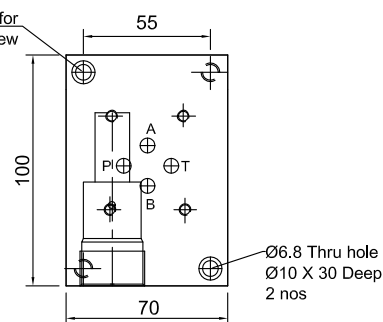
Interface detail.



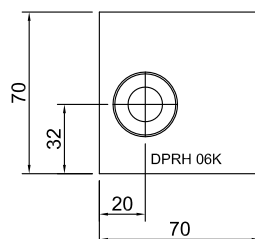
Hydraulic circuit



Mounting hole for
M6X1 S.H.C. Screw



DPRH 06K Detail

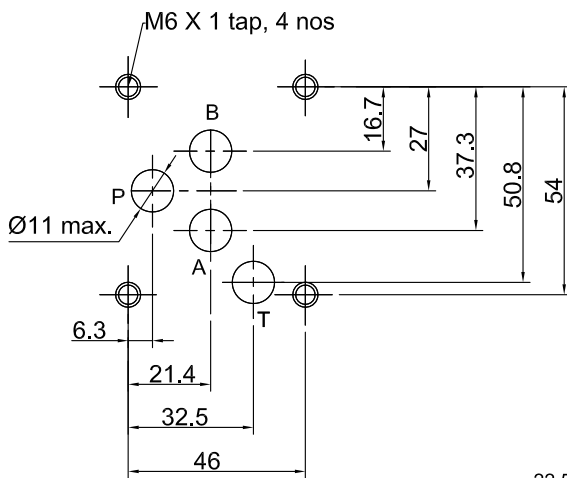




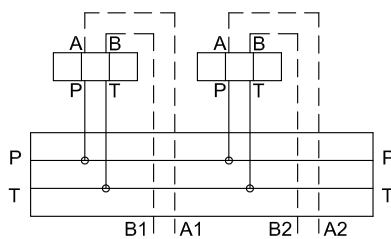
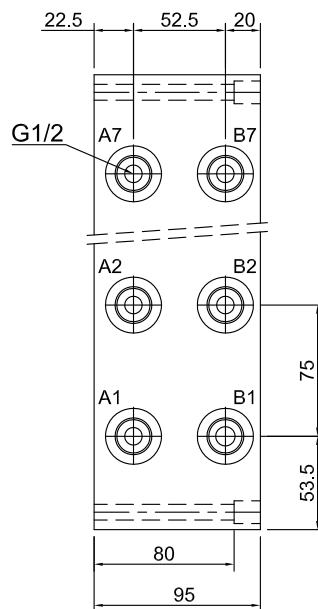
MANIFOLD FOR D.C. VALVE MB10 X 1/2 SERIES

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Release 04/2015

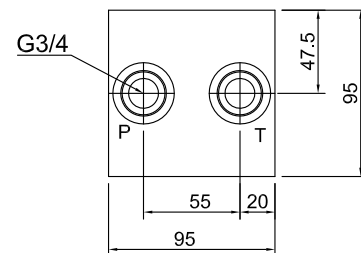
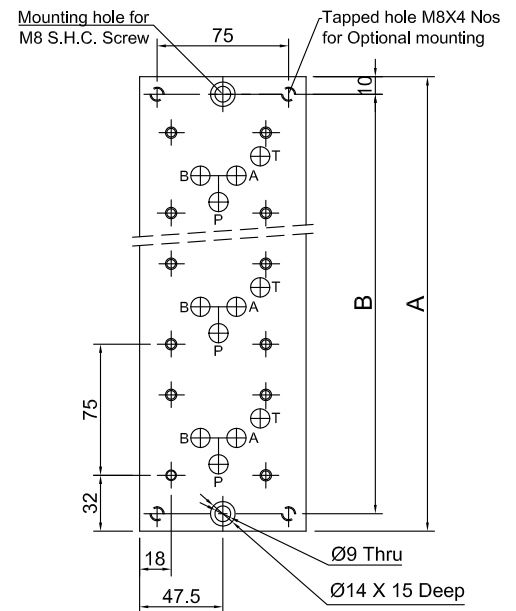
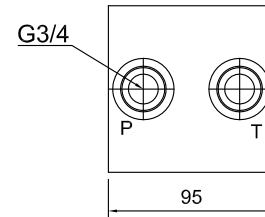
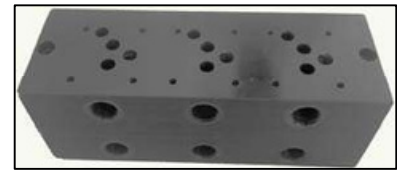
Unit Dimensions



Interface detail.



Hydraulic circuit



NO.OF STATION	1*	2	3	4	5	6	7
Modal No.	MB10-1/2"	MB10-1/2"	MB10-1/2"	MB10-1/2"	MB10-1/2"	MB10-1/2"	MB10-1/2"
Order Code	MB-A-15-01*	MB-A-15-02	MB-A-15-03	MB-A-15-04	MB-A-15-05	MB-A-15-06	MB-A-15-07
A	110	185	260	335	410	485	560
B	90	165	240	315	390	465	540

Note:- * P & T Connection size- 1/2"BSP

SHUBHAM MACHINERY AND PIPE TRADERS
SHUBHAM COMPLEX, MAIN MADIA ROAD,
PALI, RAJASTHAN 306401

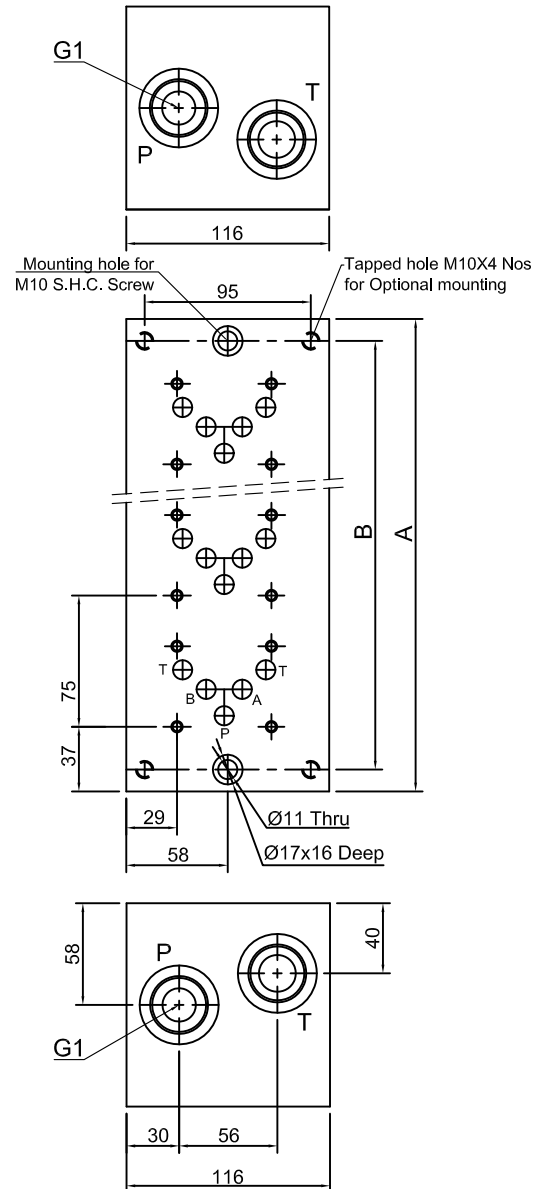
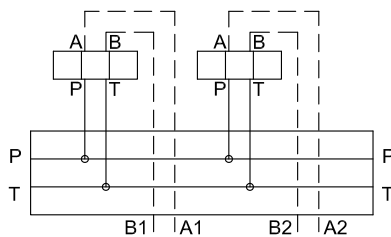
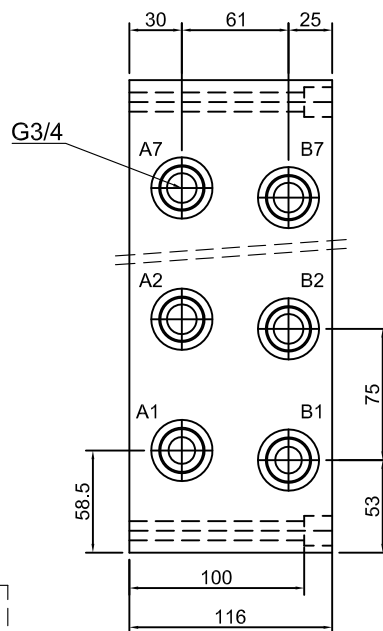
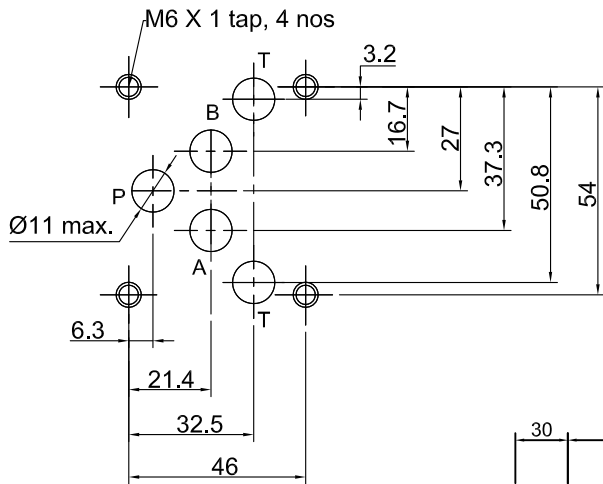
+91-9414205417
+91-7506188147
+91-9929850717



MANIFOLD FOR D.C. VALVE MB10 X 3/4 SERIES

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Unit Dimensions



NO.OF STATION	1*	2	3	4	5	6	7
Modal No.	MB10-3/4"	MB10-3/4"	MB10-3/4"	MB10-1/2"	MB10-3/4"	MB10-3/4"	MB10-3/4"
Order Code	MB-A-16-01*	MB-A-16-02	MB-A-16-03	MB-A-16-04	MB-A-16-05	MB-A-16-06	MB-A-16-07
A	120	195	270	345	420	495	570
B	95	170	245	320	395	470	545

Note:- * P & T Connection size- 3/4"BSP

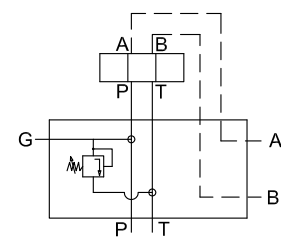
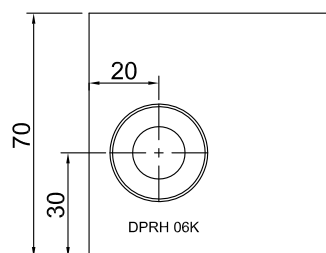
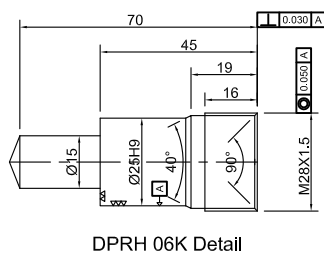
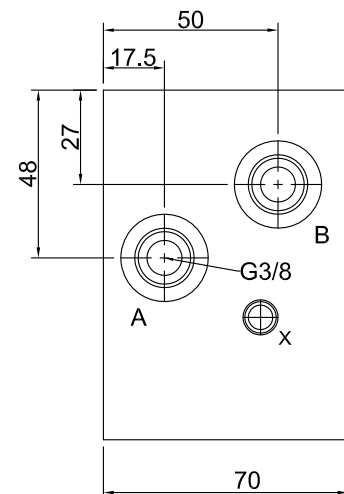
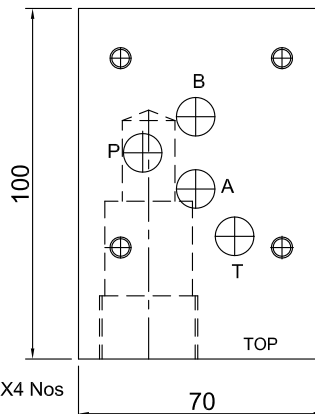
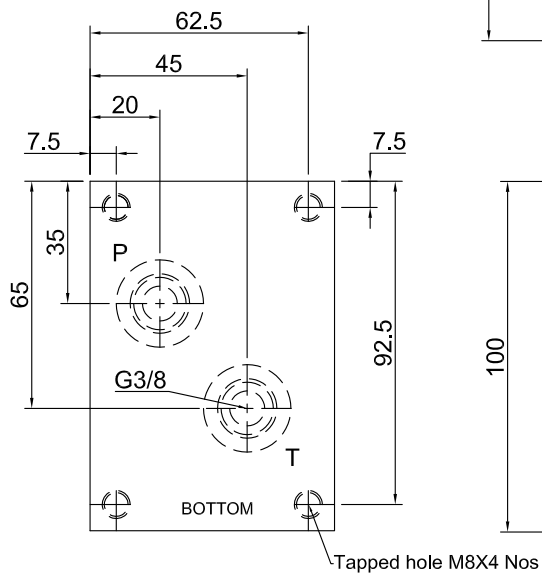
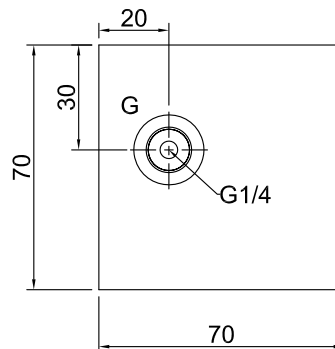
SHUBHAM MACHINERY AND PIPE TRADERS
SHUBHAM COMPLEX, MAIN MADIA ROAD,
PALI, RAJASTHAN 306401

+91-9414205417
+91-7506188147
+91-9929850717

Unit Dimensions

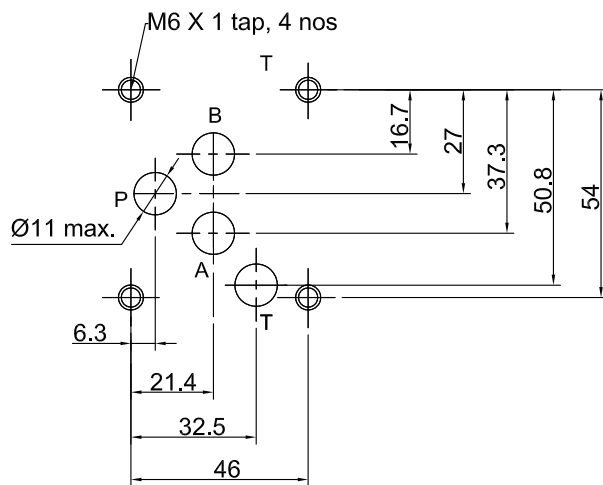


Interface detail.

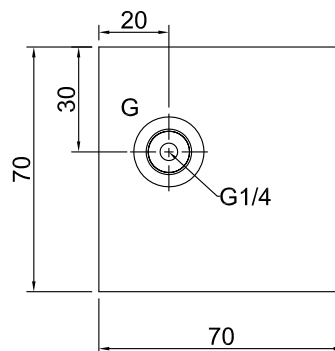


Hydraulic circuit

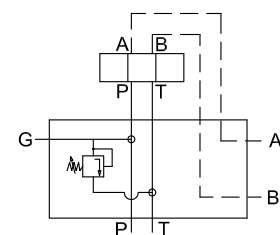
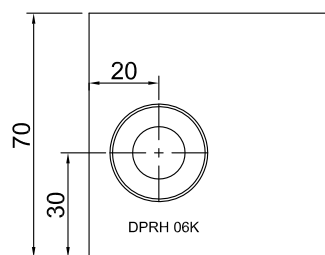
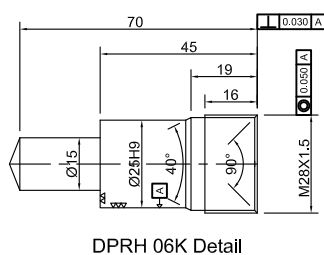
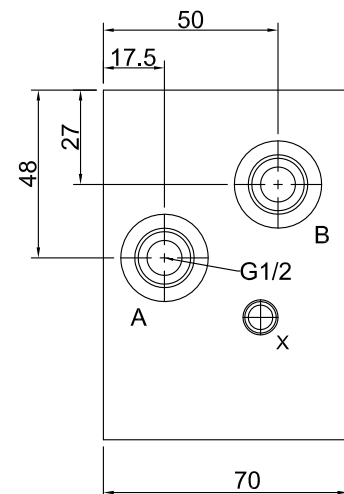
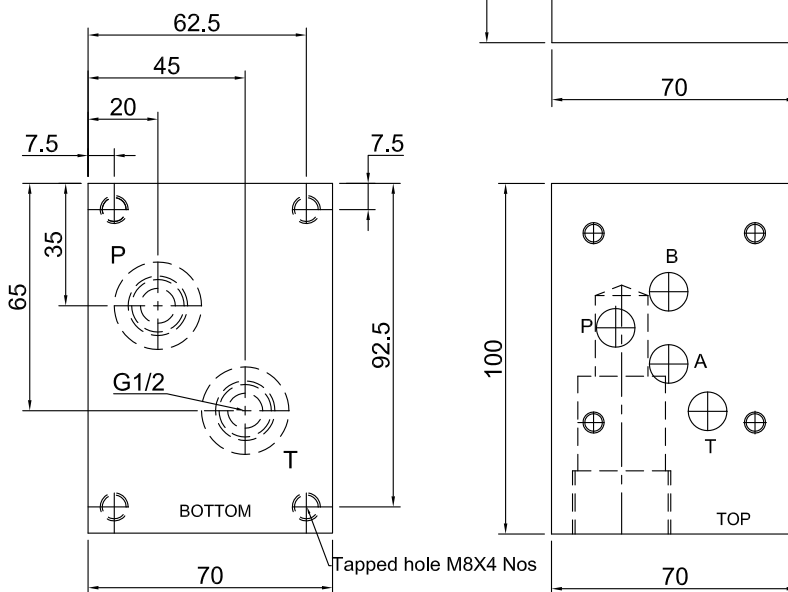
Unit Dimensions



Interface detail.



Modal No.	MB10 X D6K X 1/2" BSP
Order Code	MB-A-10-02



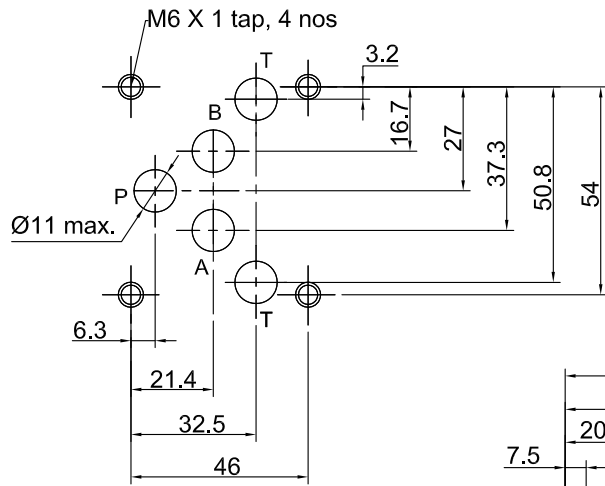
Hydraulic circuit



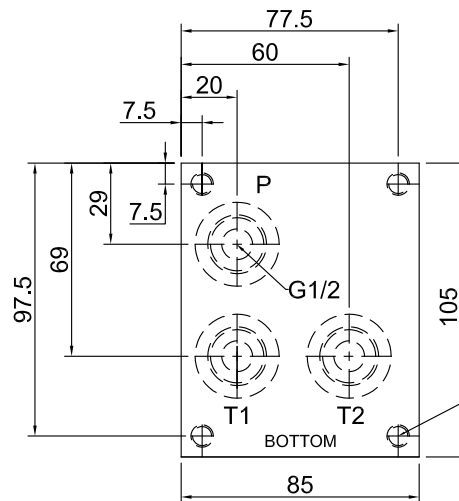
MANIFOLD FOR D.C. VALVE MB10 X D6K X 1/2"

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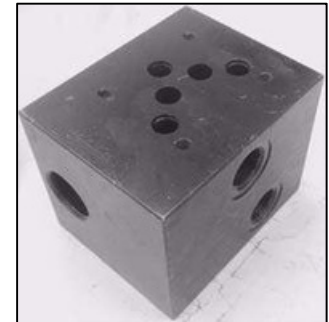
Unit Dimensions



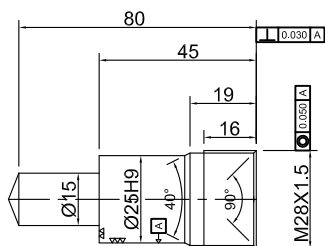
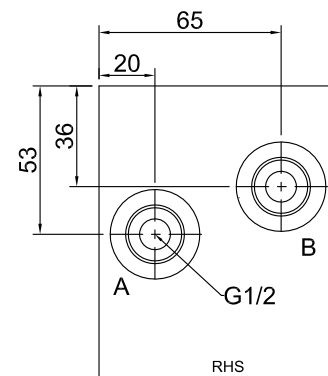
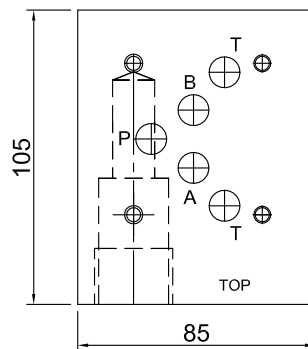
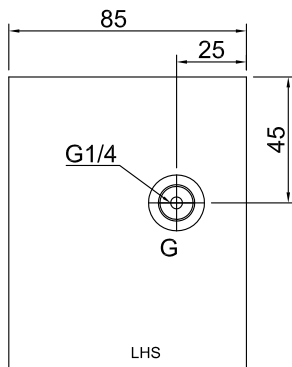
Interface detail.



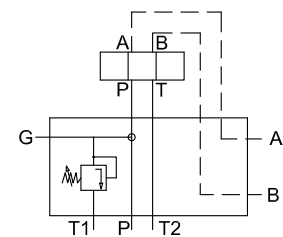
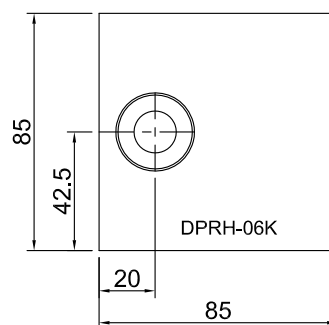
Tapped hole M8X4 Nos



Modal No.	MB10 X D6K X 1/2" BSP
Order Code	MB-A-10-03



DPRH 06K Detail



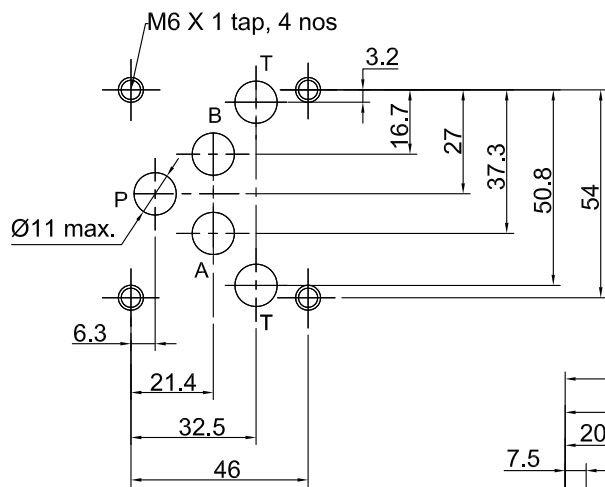
Hydraulic circuit



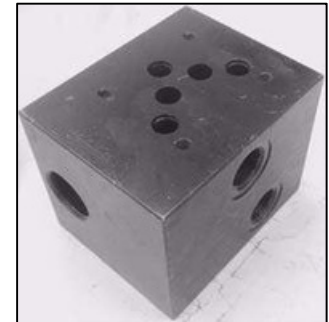
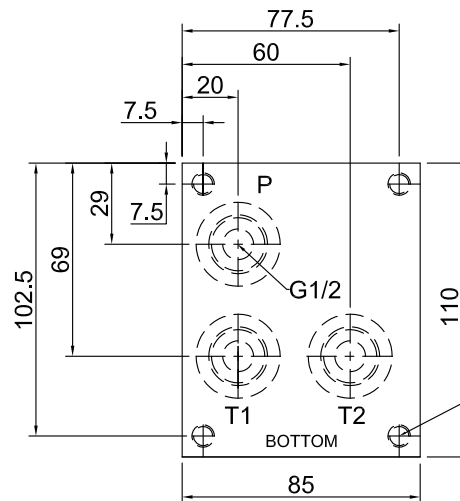
MANIFOLD FOR D.C. VALVE MB10 X D10K X 1/2"

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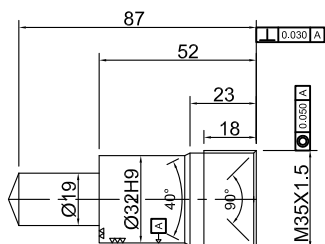
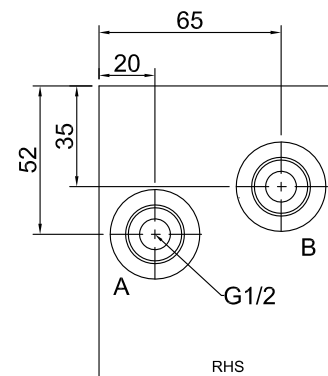
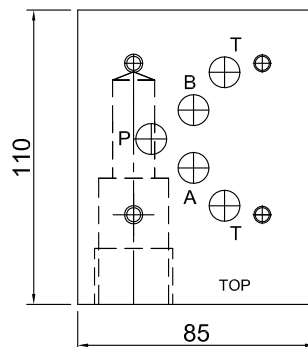
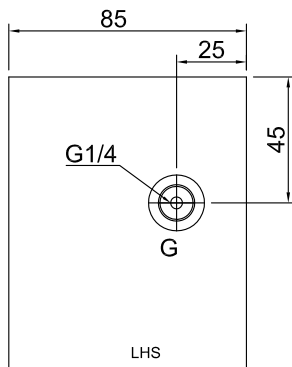
Unit Dimensions



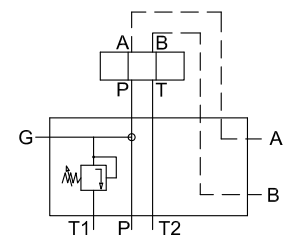
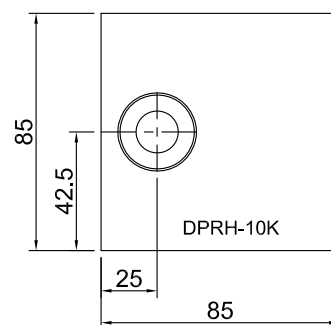
Interface detail.



Modal No.	MB10 X D10K X 1/2" BSP
Order Code	MB-A-10-04

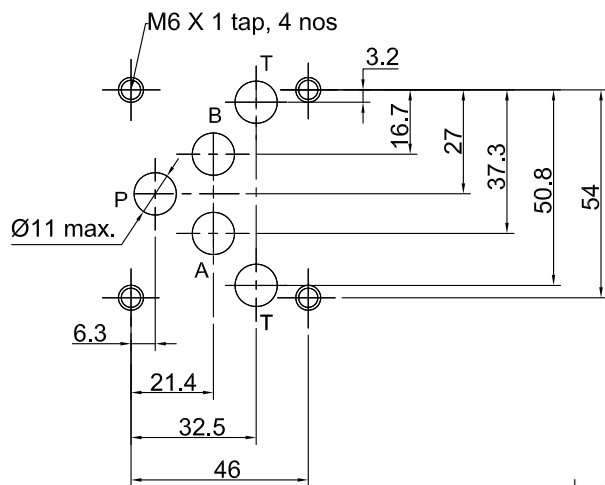


DPRH 10K Detail

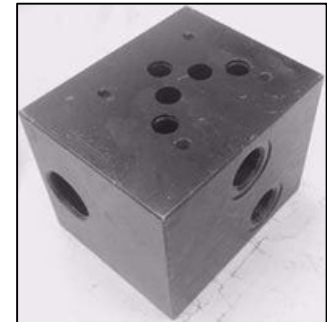


Hydraulic circuit

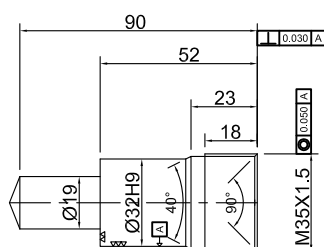
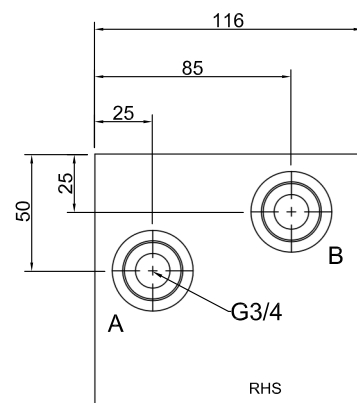
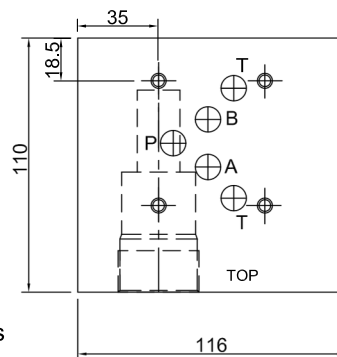
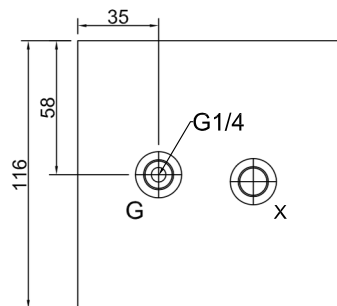
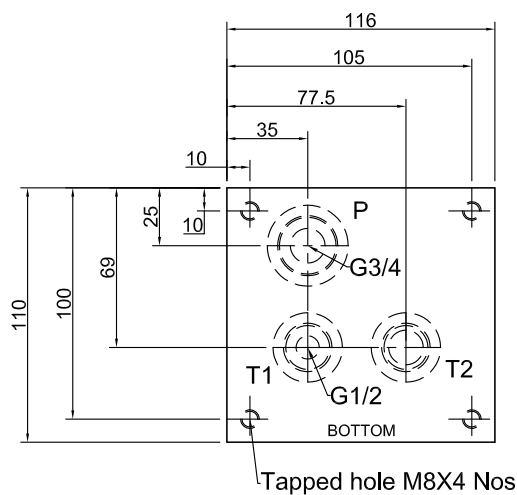
Unit Dimensions



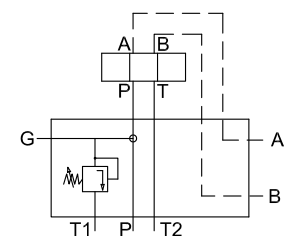
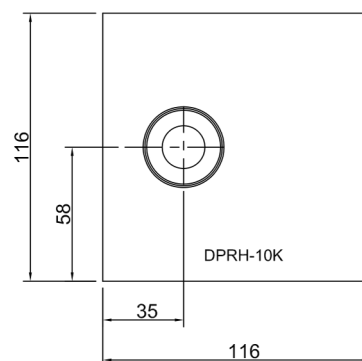
Interface detail.



Modal No.	MB10 X D10K X 3/4" BSP
Order Code	MB-A-10-06



DPRH 10K Detail



Hydraulic circuit

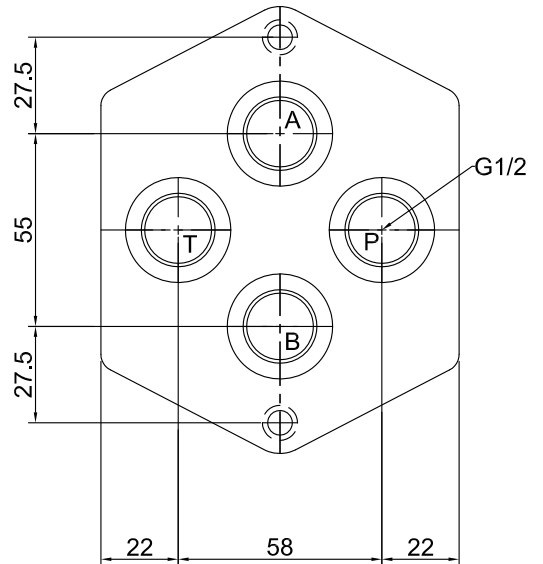
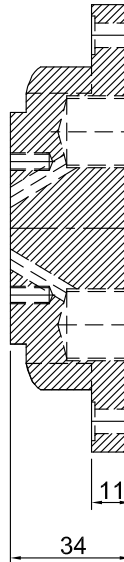
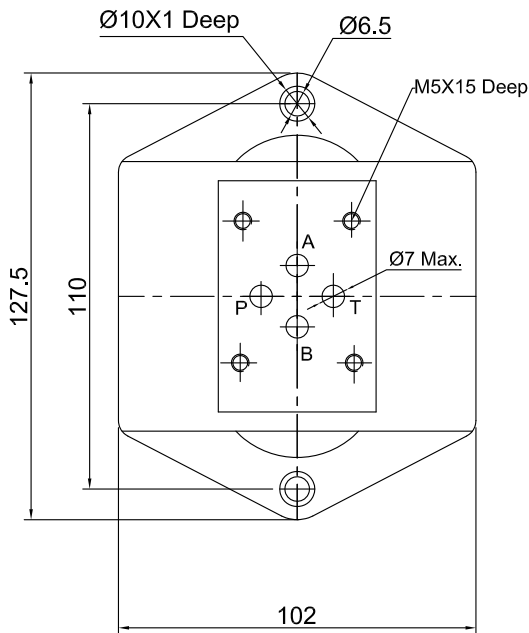


SUBPLATE NG 06 & NG 10

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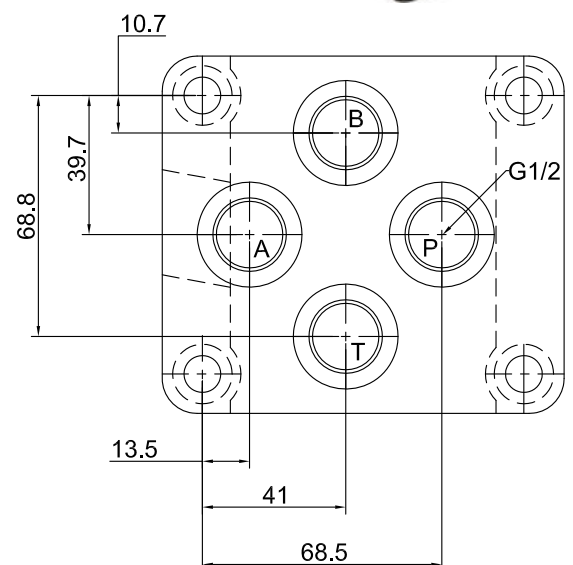
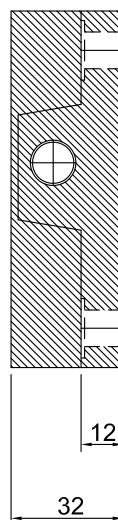
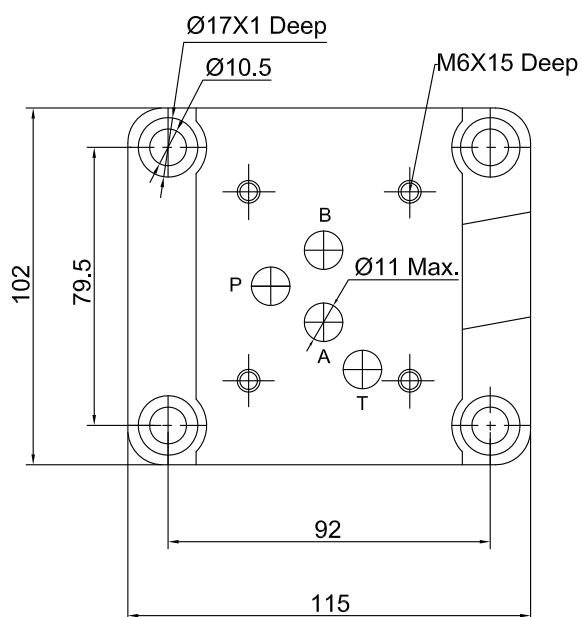
Unit Dimensions

SUBPLATE:- NG- 06 X 1/2" BSP



Unit Dimensions

SUBPLATE:- NG- 10 X 1/2" BSP

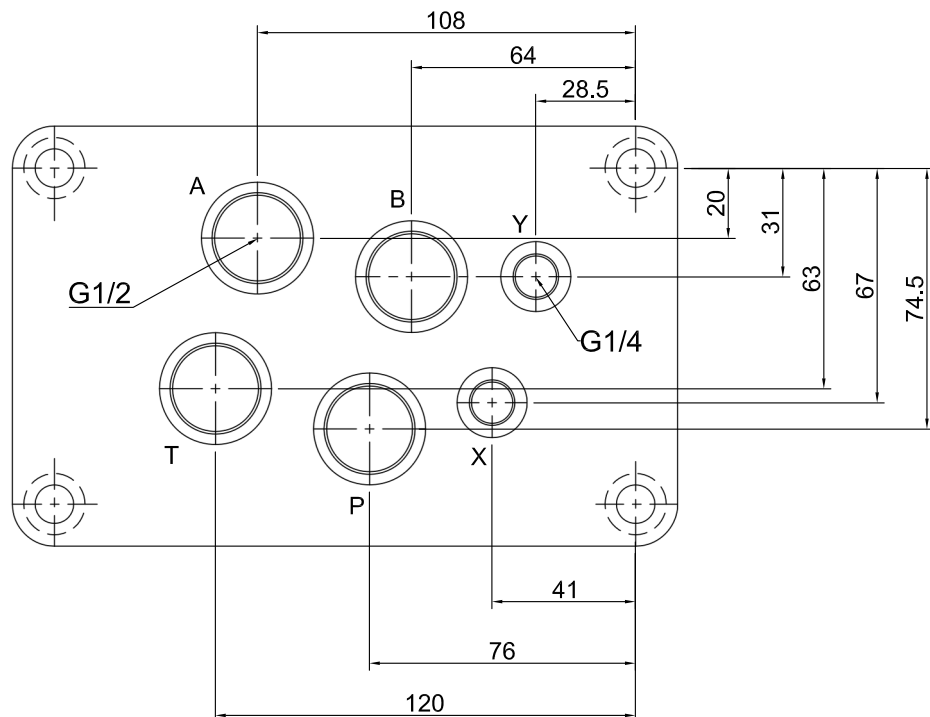
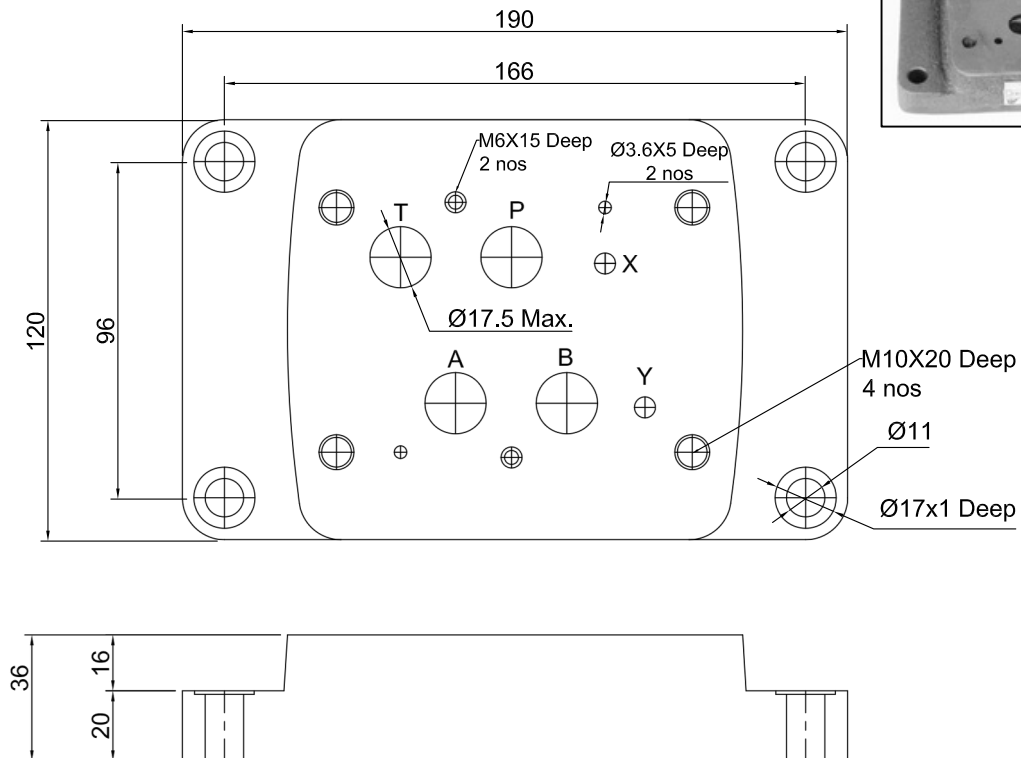




SUBPLATE NG 16

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Unit Dimensions

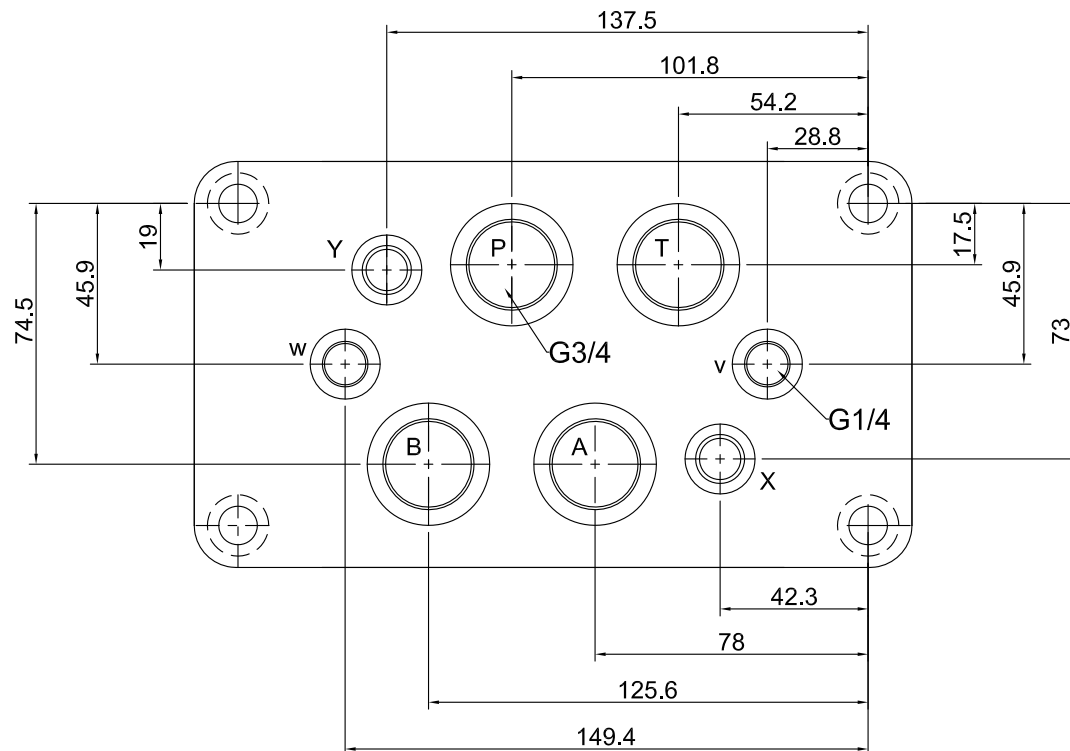
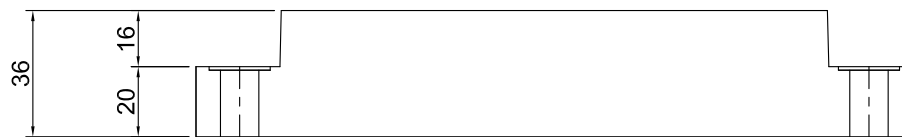
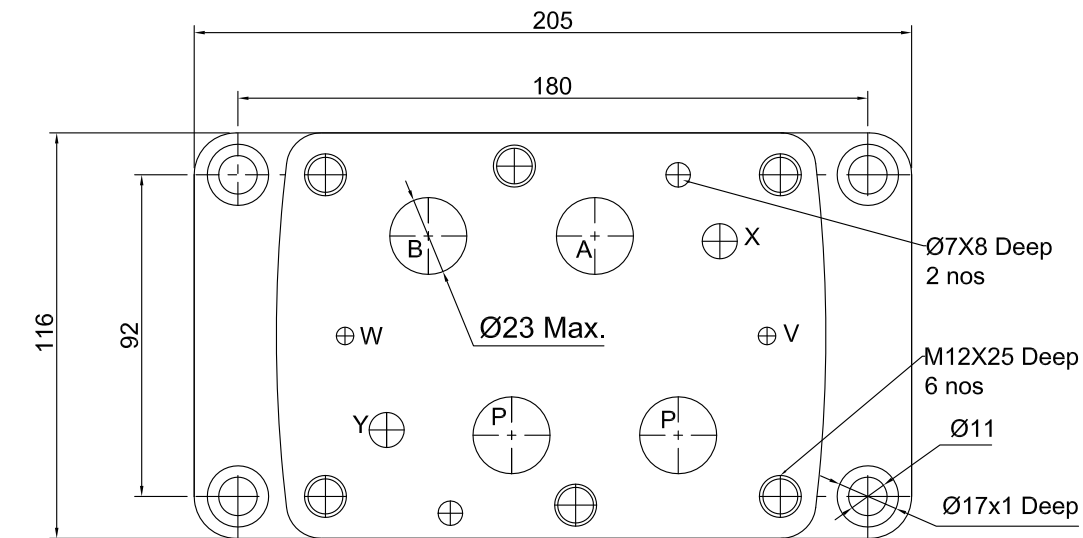




SUBPLATE NG 22

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Unit Dimensions

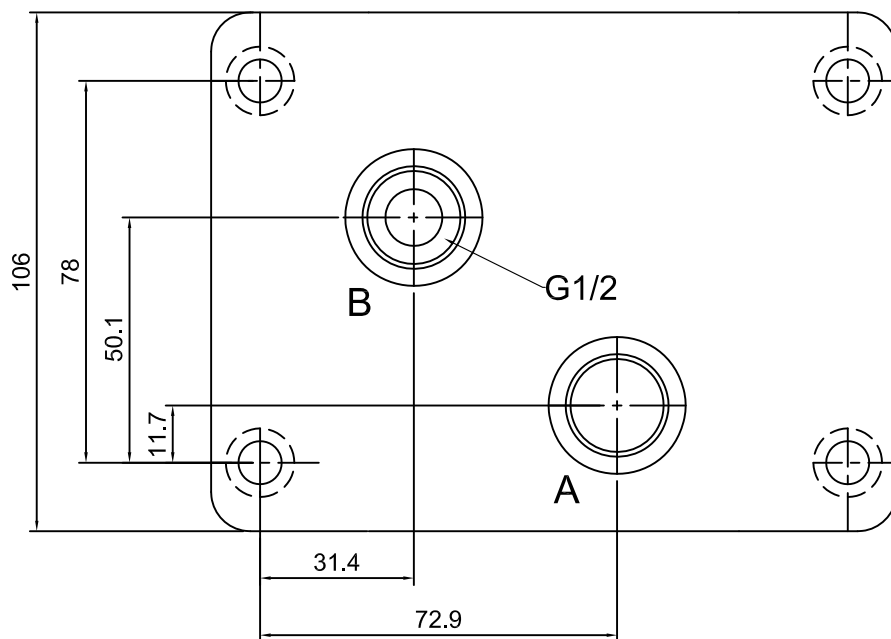
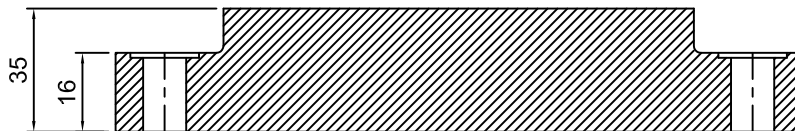
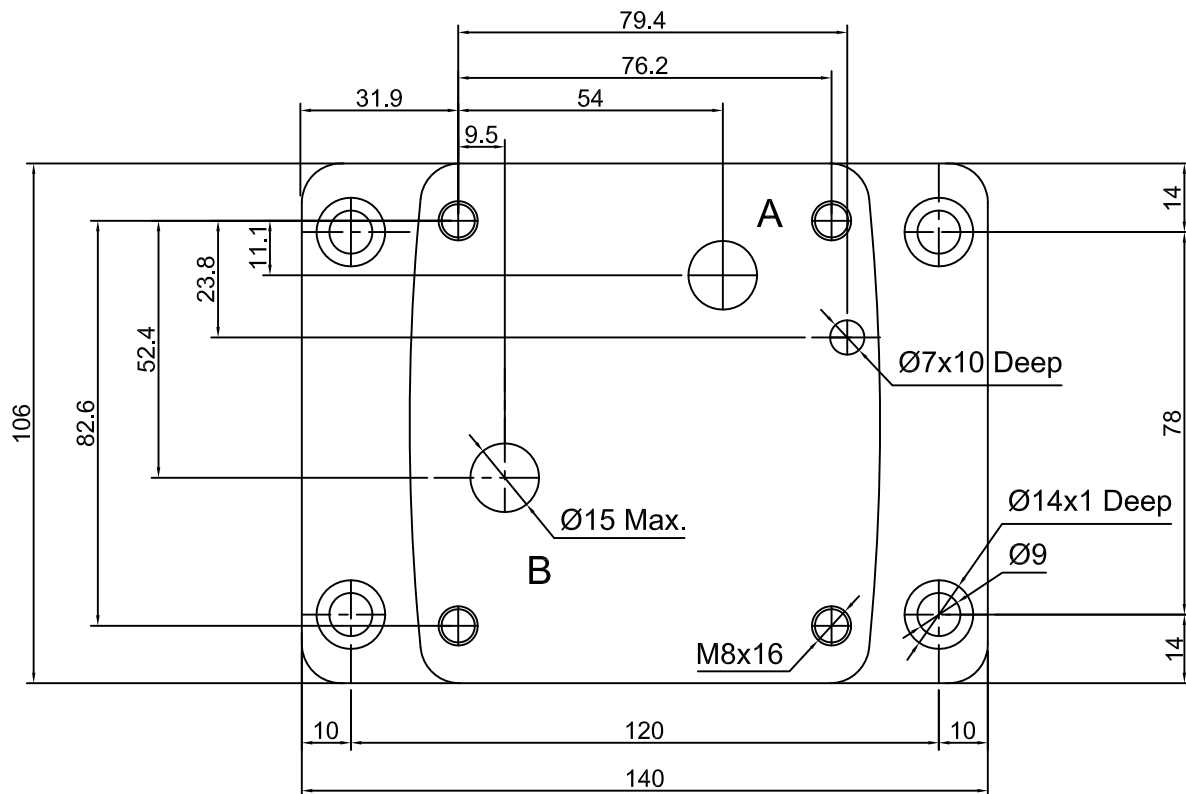




SUBPLATE FCG 02

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Unit Dimensions

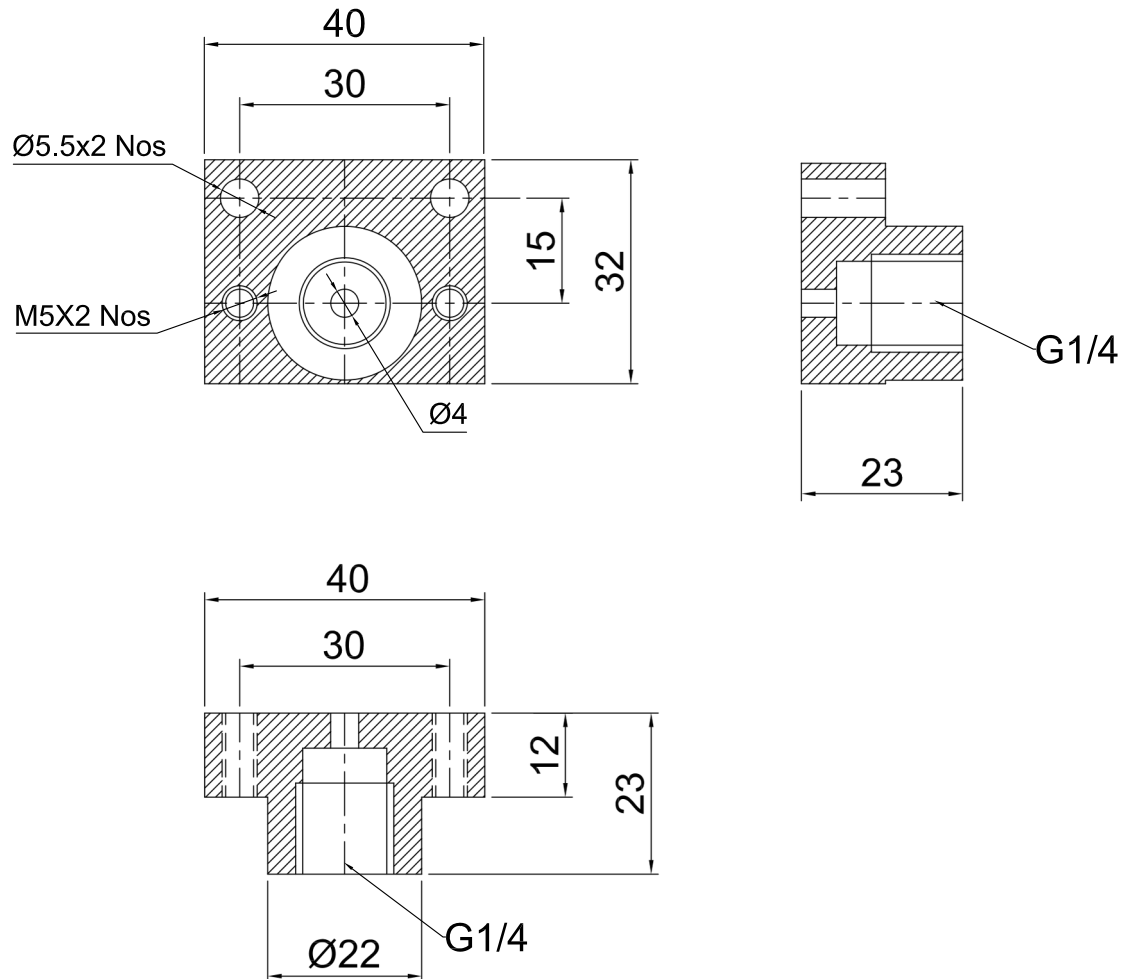




SUBPLATE PRESSURE SWITCH

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Unit Dimensions



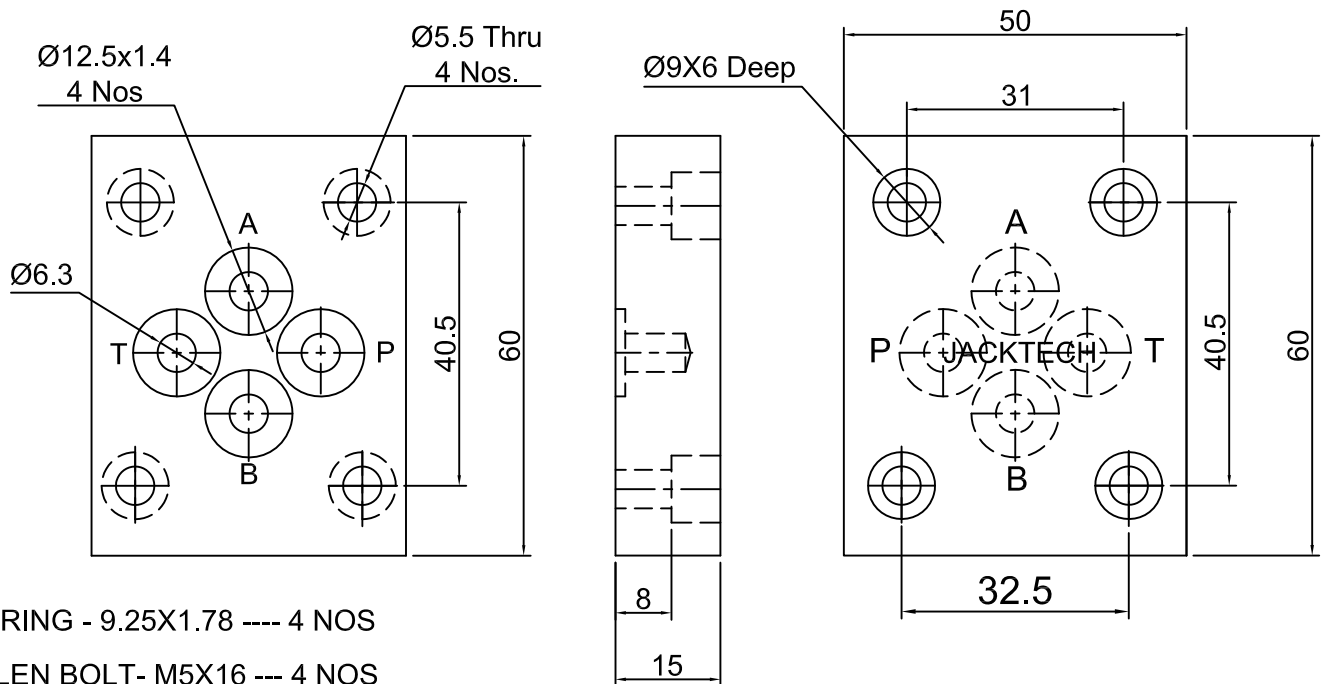


BLIND PLATE NG 06 & NG 10

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Unit Dimensions

NG 06



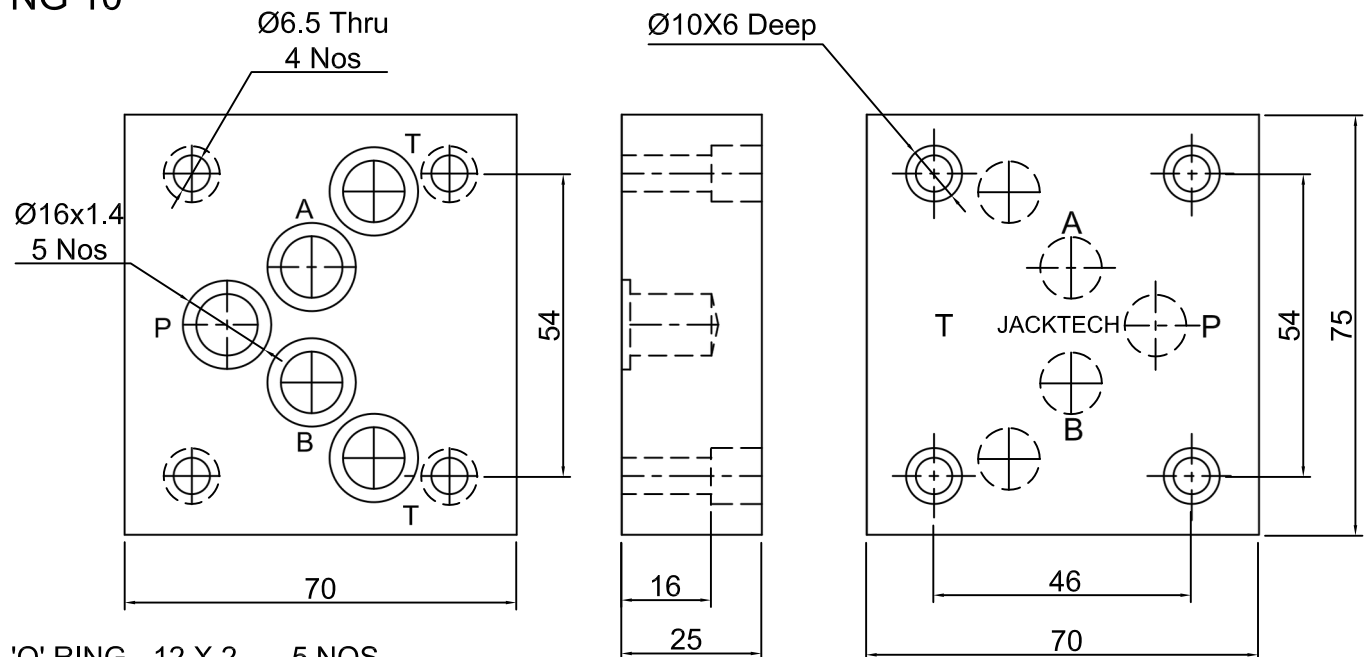
'O' RING - 9.25X1.78 ---- 4 NOS

ALLEN BOLT- M5X16 --- 4 NOS

* Available P to A , B to T & P to B , A to T

Unit Dimensions

NG 10



'O' RING - 12 X 2 ---- 5 NOS

ALLEN BOLT- M6 X 25 --- 4 NOS

* Available P to A , B to T & P to B , A to T