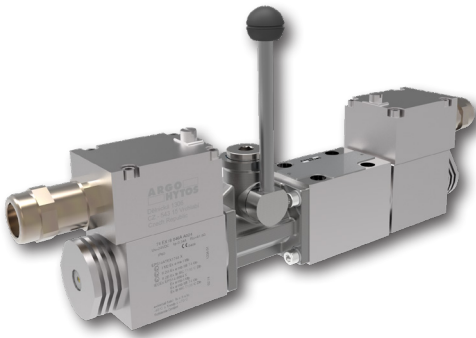


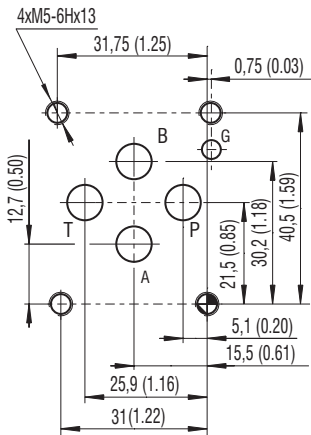
Explosion Proof, Auxiliary Lever Override for Solenoid Operated Valves

**RPERX3-06**

Size 06 (D03) • Q<sub>max</sub> 60 l/min (16 GPM) • p<sub>max</sub> 350 bar (5100 PSI)



ISO 4401-03-02-0-05



Ports P, A, B, T - max. Ø7.5 mm (0.29 in)

**Technical Features**

- › Valve and solenoid design prevents a surface temperature capable of igniting
- › Solenoid coil in acc. with directive 2014/34/EU (ATEX) for explosion-hazard zones
- › Explosion protection for gas, dust and mining, Solutions for all zones
- › Encapsulation enclosure solenoid version
- › Auxiliary lever overrides for ON-OFF solenoid valves of the type RPEX3-06 (Datasheet No. 4054) with Size 06 and mounting interface acc. to ISO 4401, DIN 24340 (CETOP 03)
- › Auxiliary lever operators allow the valve to be operated when electrical system is de-energized, e.g. emergency operation, electrical failures, maintenance activities
- › Manual lever and actuation element can be rotated in 90° increments for flexible installation
- › When the valve is electrically operated the hand lever remains stopped in its neutral position
- › The lever override does not affect the performances of the base valve
- › Coil interchangeability with all Argo-Hytos ATEX/IECEx product line
- › In the standard version, the valve is zinc coated for 520 h protection acc. to ISO 9227

**Technical Data**

Max. flow	l/min (GPM)	60 (15.9)
Max. operating pressure at ports P, A, B	bar (PSI)	350 (5080)
Max. operating pressure at port T	bar (PSI)	100 (1450)
<b>Lever characteristics</b>		
Total stroke angle	deg	±20
Working stroke angle		±12 to 20
Lever override length	mm (in)	102 (4.01)
Operating force	N (lbf)	40 (29.5)
Lever device weight		0.59 (1.30)
Weigh including the lever	valve with 1 solenoid	3.11 (6.86)
	valve with 2 solenoids	4.56 (10.05)
Next technical data of the valve see Datasheet HA 4026, RPER3-06.		

**Characteristics**

For operating limits and pressure drop see Datasheet HA 4054, RPEX3-06.

**Ordering Code**

<b>RPERX3-06</b> [ ] [ ] / [ ] [ ] [ ] [ ] / [ ] [ ] - <b>B</b> [ ]		<b>Certifications of valve</b> No designation ATEX, IECEx <b>A</b> IECEx for Australia and New Zealand <b>E</b> EAC for EAEU* States
<b>Explosion proof, 4/2 and 4/3, directional control valve, solenoid operated, with lever override</b>		<b>Surface treatment</b> 520 h salt spray test (ISO 9227)
<b>Valve size</b>		<b>Manual lever and position of override actuating section**</b> <b>A19</b> standard, lever on side A, upward <b>B19</b> standard, lever on side B, upward
<b>Number of spool positions</b> two positions 2 three positions 3		<b>Seals</b> NBR
<b>Spool symbols</b> see Datasheet HA 4054 RPEX3-06 the table „Spool Symbols“		<b>Cable length</b> No designation (only for DC) without cable <b>3</b> (AC and DC version) 3 m <b>8</b> (AC and DC version) 8 m
<b>DC voltage connection box + cable gland</b> 12 V DC / 0.75 A 01200 24 V DC / 0.39 A 02400 48 V DC / 0.19 A 04800 110 V DC / 0.094 A 11000		<b>Temperature class - solenoid nominal input power</b> <b>A4</b> Class T4 - 10 W <b>A6</b> Class T6 (T5) - 10 W
<b>AC voltage 50/60 Hz fix installed cable</b> 110 V AC / 0.112 A 11050 230 V AC / 0.052 A 23050		

**For directional valves with two solenoids, one solenoid must be de-energized before the other solenoid can be charged.**

\*EAEU= Eurasian Economic Union, certificate according to TR TS 012/2011 valid for the Russian Federation, Belarus, Armenia, Kazakhstan and Kyrgyzstan.  
\*\*For valves with one solenoid: the lever is placed always between valve housing and solenoid.

### Spool Symbols

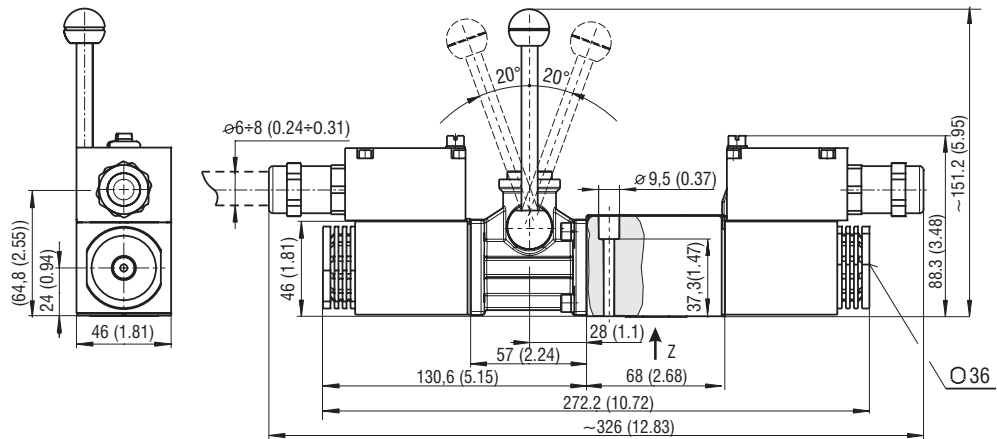
Type	Symbol	Interposition	Type	Symbol	Interposition
Z11			R11		
C11			H51		
H11					
Y11					

### Dimensions in millimeters (inches)

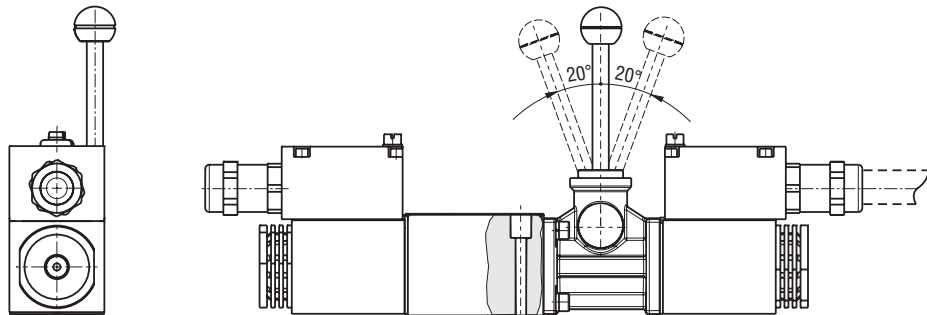


The lever operator should never be used when any solenoid is energized.

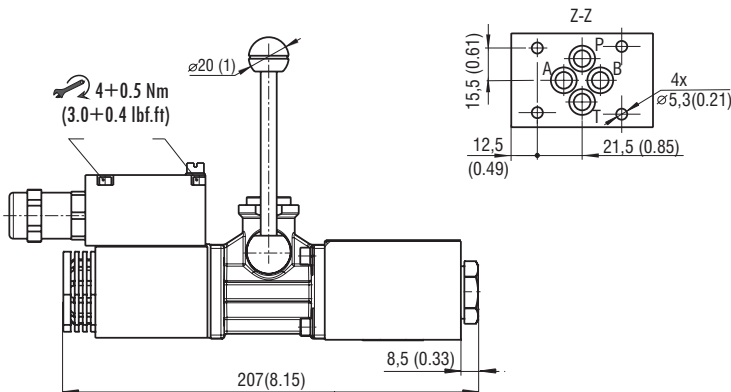
RPERX3-063\*/A19



RPERX3-063\*/B19



RPERX3-062\*/A19



Mounting screws 8.9+1 Nm (6.56+0.7 lbf.ft)  
M5x45 DIN 912-10.9

Manual lever and actuating section is shown in the standard supplied position which is the most frequently used. Both elements can be rotated to various positions 90° apart. For other positions of lever and actuating section consult our technical department for their identification.